

Commercial Ceilings & Walls Product Guide

2018 | 2019



HunterDouglas 
Architectural

Designed to work for you

COVER:

Project : International Criminal Court,
The Hague, The Netherlands

Architect: Schmidt Hammer Lassen

Product : Linear 30BD and 40BD

Commercial Ceilings & Walls

Product Guide

2018 | 2019





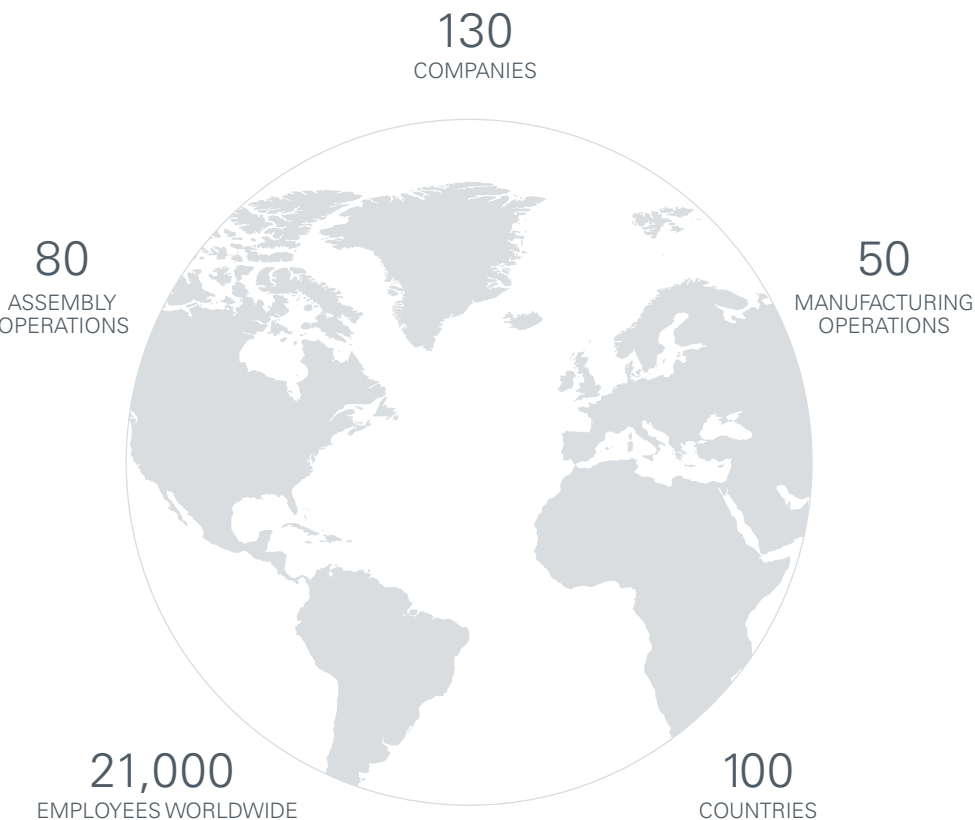
DESIGNED TO WORK FOR YOU

Hunter Douglas is fluent in design. Working with architects and contractors, we translate aesthetic specifications into construction requirements, creating solutions that express the vision of each project. For over 60 years, this collaborative approach has contributed to thousands of buildings around the world.

We define success by our ability to meet unique challenges, define new products and applications, and find ways to do more with less. From pre-engineered standards to innovative custom systems, the Hunter Douglas Architectural team helps you create versatile, sustainable and durable ceiling and wall solutions.

*Project : Canarias Airport,
Las Palmas de Gran Canaria, Spain
Architect: Estudio LAMELA
Product : Linear 30B and 80B/180B*

HUNTER DOUGLAS, A WORLD OF INNOVATION



Business is people. At Hunter Douglas, we pride ourselves in our employees - a network of experienced, intelligent, passionate and creative men and women from over 100 countries who work together in a spirit of collaboration. Along with proven manufacturing processes and material usage, that is what keeps Hunter Douglas at the forefront of innovation and design.



OUR FOUNDING

Hunter Douglas was built on recycled aluminum. In 1940, company founder Henry Sonnenberg moved to America from Holland and founded the Douglas Machinery Corporation. A few years later, he began a critical collaboration with inventor Joe Hunter, who had invented a casting machine that could convert scrap aluminum into ultra-hard alloys.



CEILING DEVELOPMENT

Based on this unique casting machine and developments of roll-forming and stamping equipment, Henry and Joe pioneered the development of the aluminum venetian blind, and jointly created Hunter Douglas as we know it today. In 1962, Hunter Douglas introduced linear metal ceilings, creating a standard system that today has evolved into a complete range of products for projects of all types.



WORLDWIDE PRESENCE

Today, a significant part of Hunter Douglas’ business remains dedicated to recycled aluminum, with a recycling facility, smelter, and continuous caster in Rotterdam, Holland. From that base, the company operates fabrication and distribution facilities in over 100 countries, with installations in thousands of projects around the world.



SUSTAINABILITY

Hunter Douglas stands at the forefront of developing sustainable product concepts. We seek to simplify assembly, improve production processes, eliminate waste and reduce maintenance within our own operations, while also partnering with organizations such as C2C Products Innovation Institute, to make an impact on all phases of the building industry

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HEARTFELT® CEILINGS

Based on our deep knowledge of ceilings and their applications, combined with expertise in textiles and production techniques we have developed new ceiling design possibilities with HeartFelt®. This new ceiling material provides outstanding acoustic performance and an aesthetic appearance which results in a warm ambiance rarely experienced before.





Project: Wrexham Money Penny Offices, Wrexham, UK
Architect: AEW Architects
Product: HeartFelt® Linear Ceilings



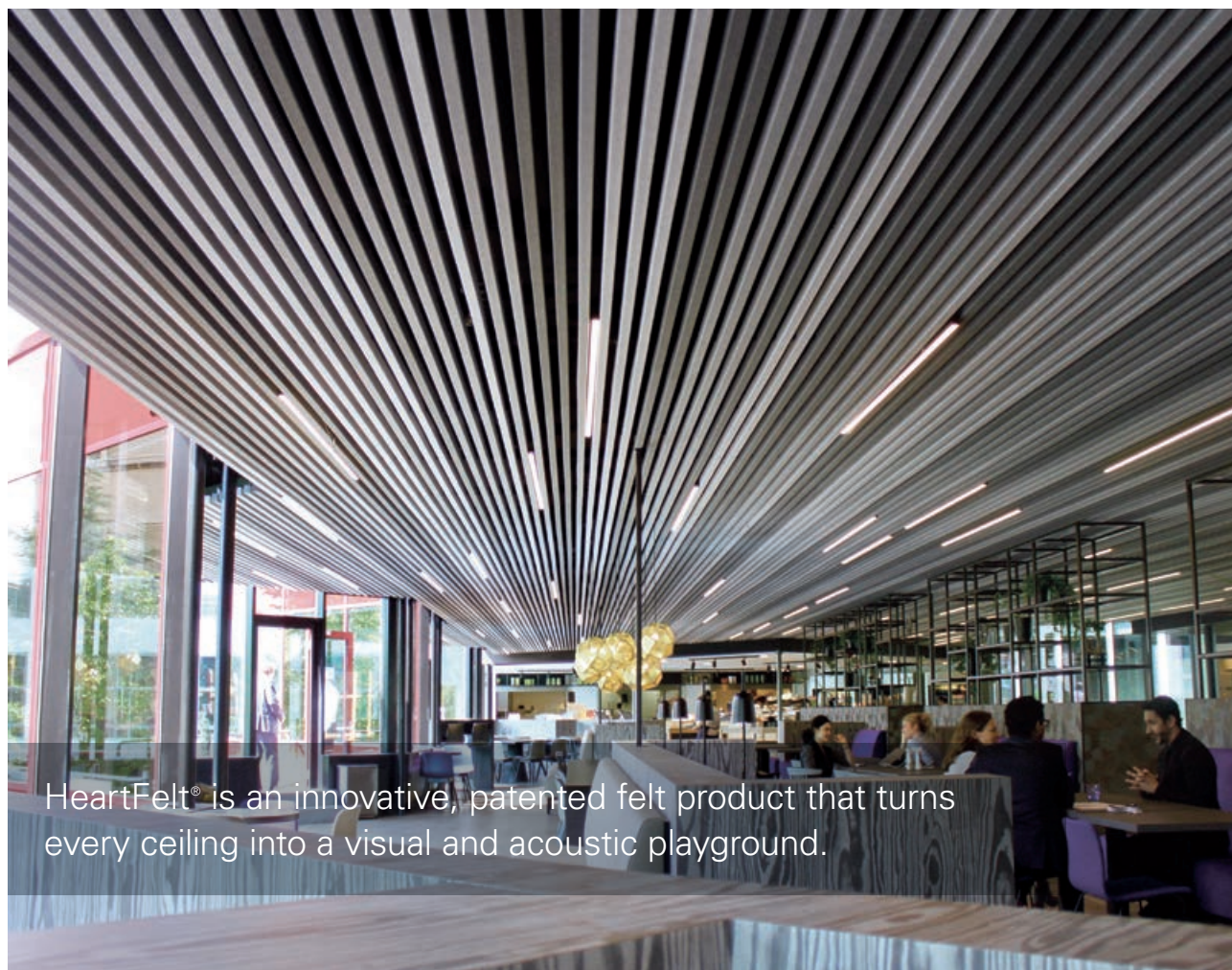
Project: Admix, Rotterdam, The Netherlands
Architect: Hunter Douglas Architectural
Product: HeartFelt® Linear Ceiling



Kookstudio 't Havenmantsje, Harlingen, Nederland
Product: HeartFelt® Lineair Plafond
Architect: Hunter Douglas Architectural

HEARTFELT® CEILINGS

HEARTFELT® LINEAR 12



HeartFelt® is an innovative, patented felt product that turns every ceiling into a visual and acoustic playground.

Project: Amstelgebouw, Amsterdam, The Netherlands - Product: HeartFelt® -Linear - Architect: Ericis Adviseurs en Design

KEY FEATURES

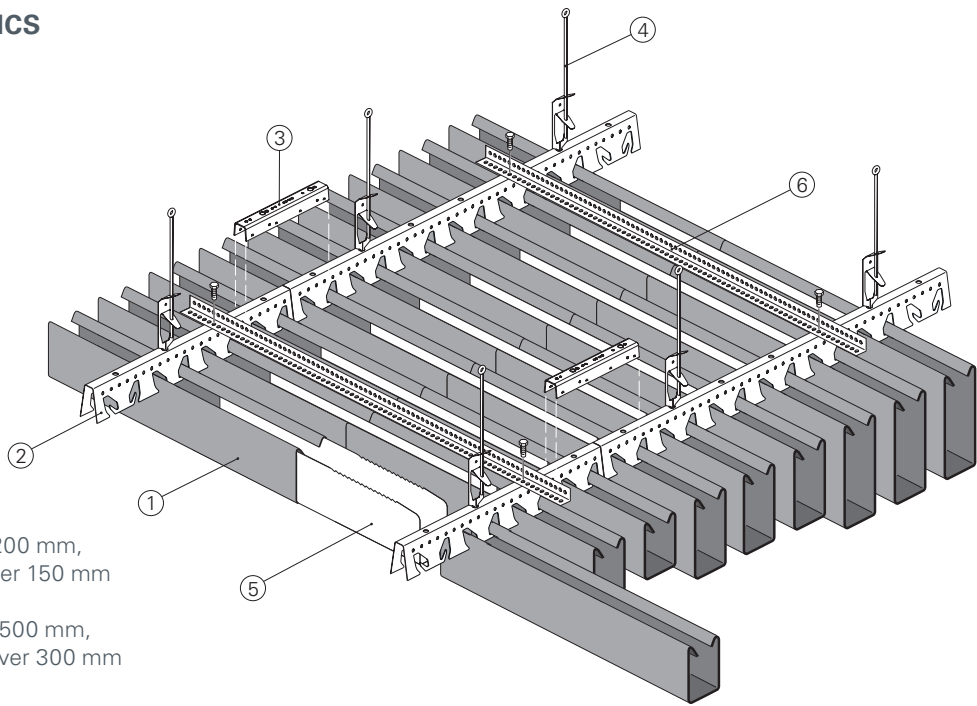
- Modular ceiling system with felt panels
- Panel dimensions 40 x 55 mm, 40 x 80 mm and 40 x 105 mm
- Panel length 1000 to 6000 mm
- Six standard carrier modules to vary reveal (M50-M100) for acoustics and aesthetics, larger modules up to M200 on request
- Easy plenum access
- Interior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



reddot award 2017
best of the best

TYPICAL ISOMETRICS

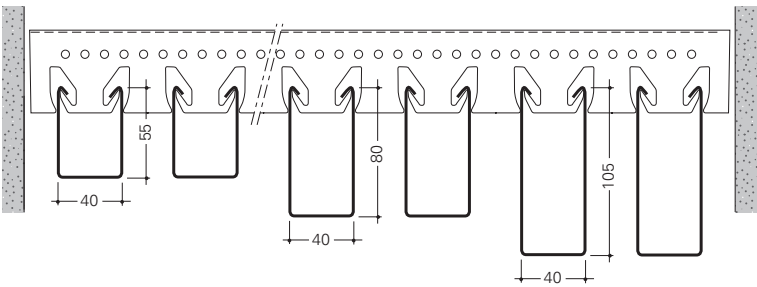
- 1 = Panel
- 2 = Carrier
- 3 = Carrier splice
- 4 = Hanger
- 5 = Panel Splice
- 6 = Primary angle



Maximum panel span 1200 mm,
maximum panel cantilever 150 mm

maximum carrier span 1500 mm,
maximum carrier cantilever 300 mm

TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Non-woven thermo-formable PES fibres

Fire rating: Class B,s1,d0 according EN 13501-1

Weight: 4.6 kg/m² (M50) - 3.5 kg/m² (M100)

Light reflectance: Varies with colour selected

Exposure Class: A and B according EN 13964



LEED V4 CREDITS

MR : Building Product Disclosure

EQ : Low-Emitting Materials

EQ : Indoor Air Quality Assessment

EQ : Acoustic Performance

CERTIFICATIONS

Indoor Air Comfort Gold

French VOC Regulation Class A+

Cradle to Cradle™ Level Bronze

Oekotex Standard 100 Class IV

SundaHus Miljödata Class A

GreenGuard Gold

COLOURS

Colors are for illustration purposes only.

SHADES OF GREY



EARTH TONES



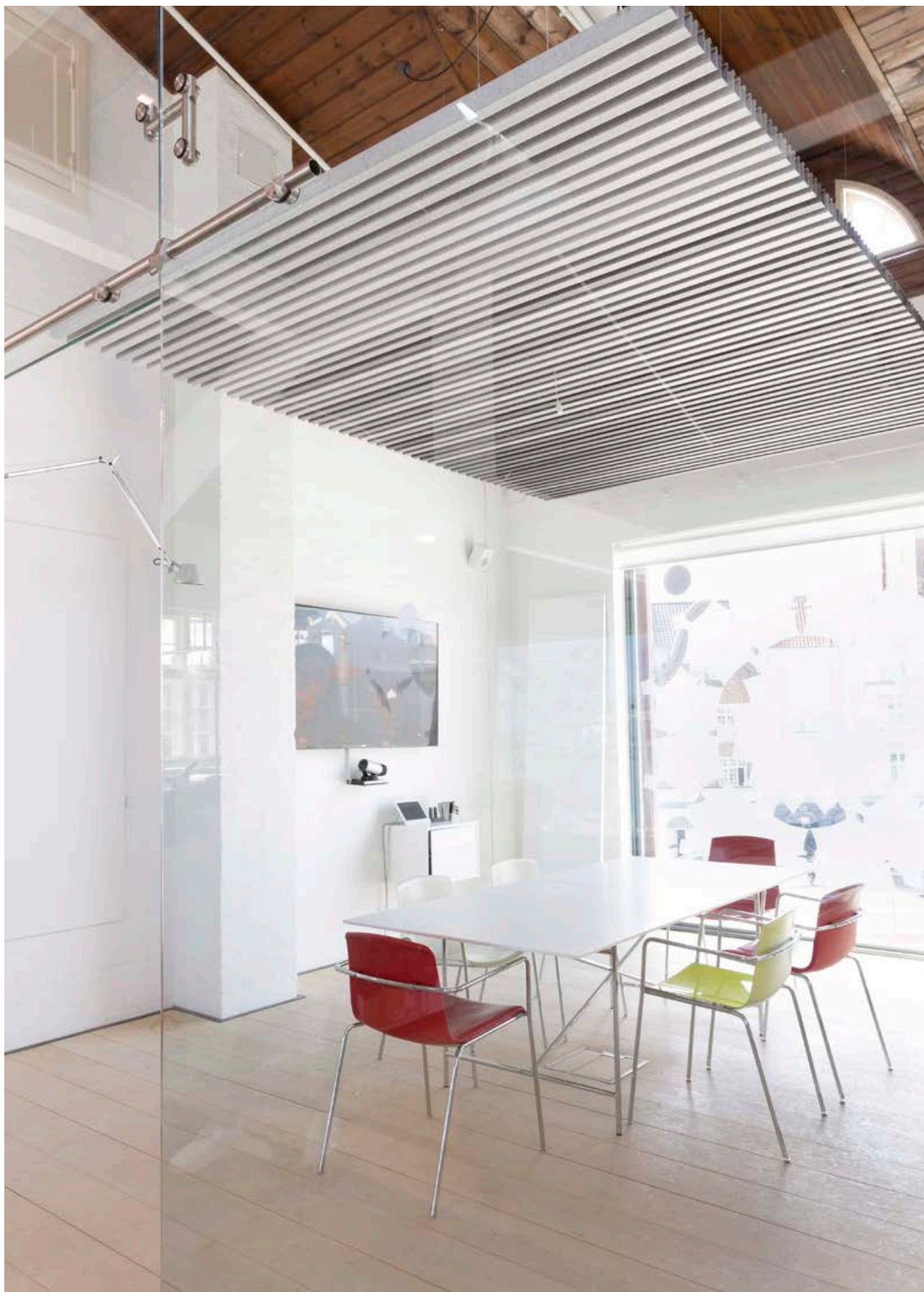
ACOUSTICAL RATINGS - α_w

Module (mm)	Joints (mm)	Openness %	α_w
M50	10	20%	0.70 (H)
M60	20	33%	0.65 (H)
M70	30	43%	0.60 (H)
M70*	30	43%	1.00 (H)
M80	40	50%	0.50 (H)
M90	50	55%	0.45 (H)
M100	60	60%	0.45 (H)

* Ceiling panels covered with mineral wool tiles or PES acoustical tiles.



Project: Corporate Office, The Netherlands - Product: HeartFelt® Linear - Architect: Hunter Douglas Architectural



Project: Office SHL, Aarhus, Denmark - Product: HeartFelt® Linear - Architect: Schmidt Hammer Lassen architects



Project: Kookstudio 't Havenmantsje, Harlingen, The Netherlands - Product: HeartFelt® Linear



Project: Life Science Incubator, Utrecht, The Netherlands
Architect: GiesbersWijchen & Mecanoo
Product: Solid Wood Grill with CNC grill elements

WOOD SOLUTIONS

The Wood Solutions for ceilings and walls provides you a wide selection of natural looks, that are as durable as they are distinctive. Whether choosing our solid wood panels, wood veneered solutions or natural looking woodprints, all will bring a natural feel to any project.





Project: Amity University, Dubai, United Arab Emirates
Architect: IR Design
Product: Veneered Wood Ceiling and Wall tiles, Cherry



Project: Museum Grimmwelt, Kassel, Germany
Architect: Kada Wittfeld Architekten
Product: Solid Wood Linear, American White Oak



Project: Cluj Arena, Cluj-Napoca, Romania

Architect: Dico si Tiganas

Product: Veneered Wood Ceiling and Wall Tiles & Linear

WOOD SOLUTIONS

SOLID WOOD LINEAR 24

SOLID WOOD GRILL 28

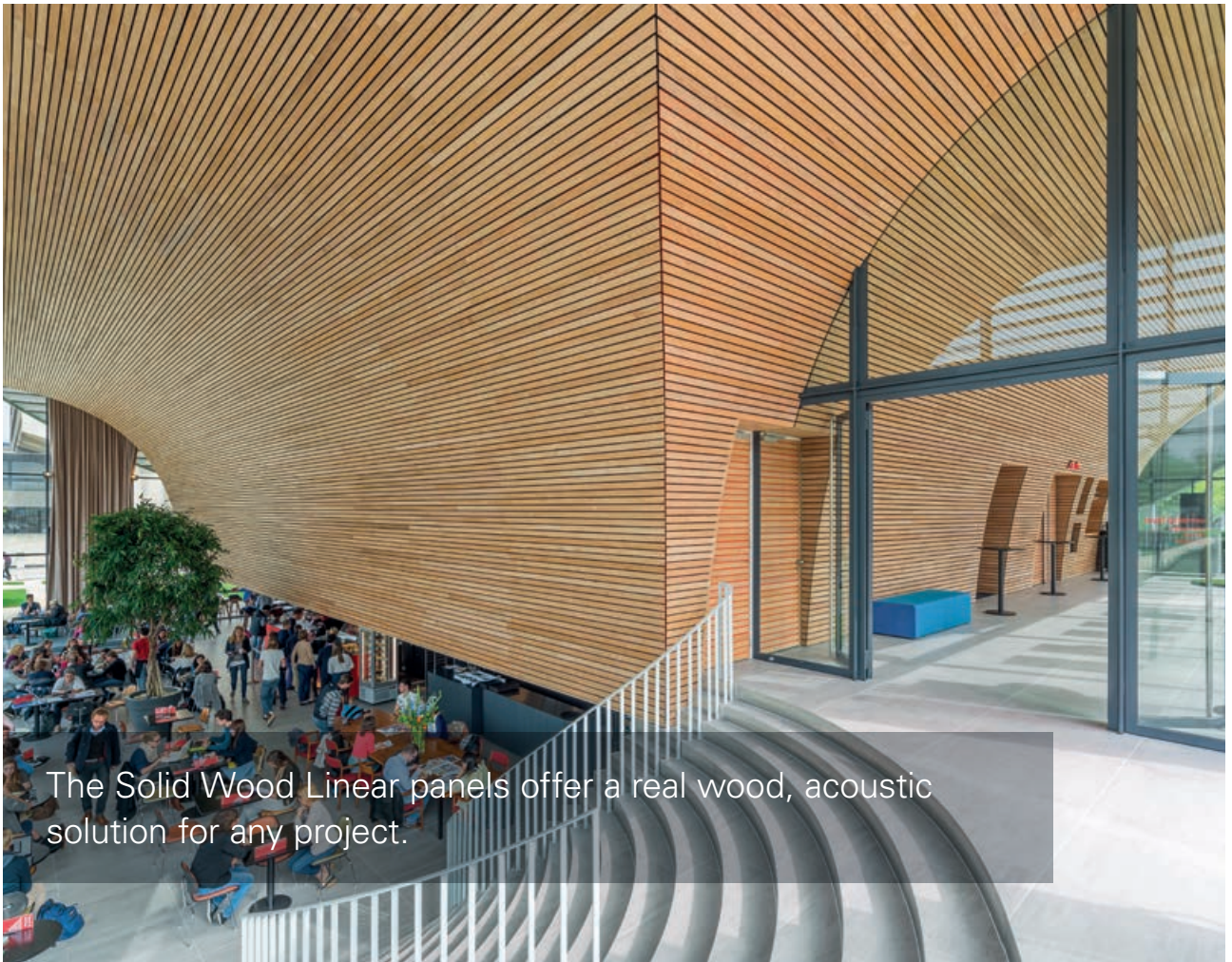
VENEERED WOOD LINEAR 32

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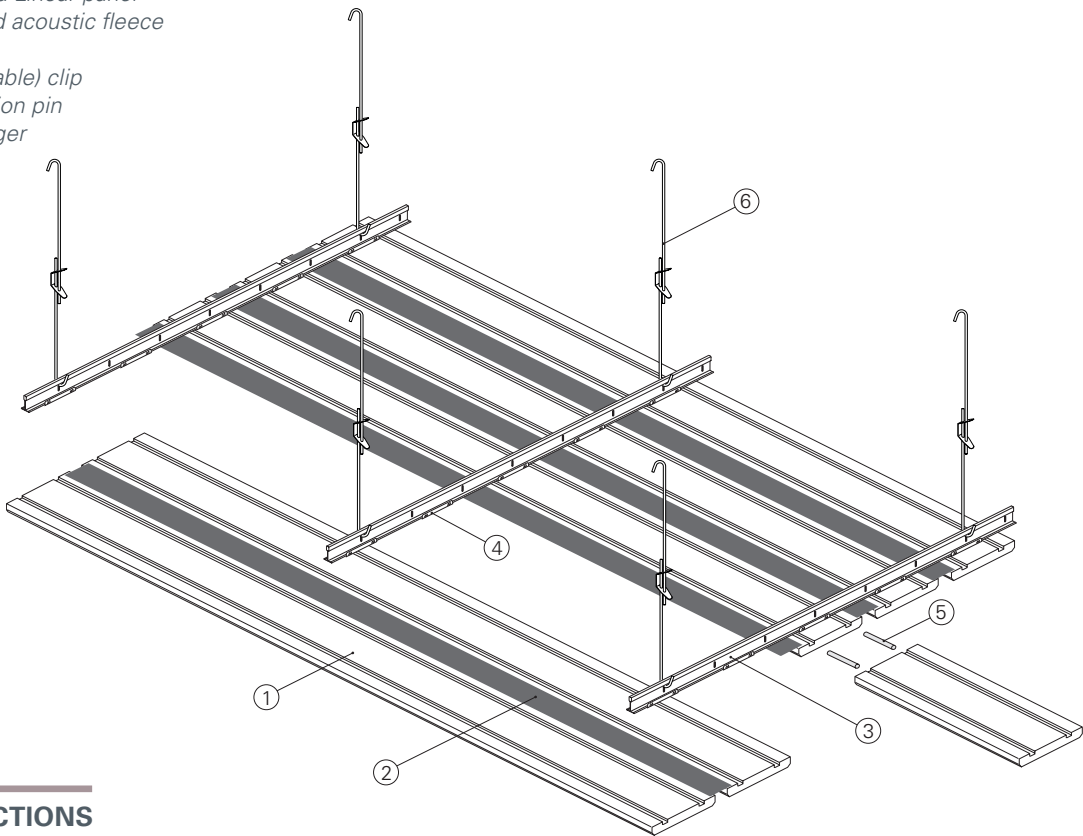
*Project: Student Pavillion Erasmus University, Rotterdam, The Netherlands - Product: Solid Wood Linear, American Red Oak
Architect: Powerhouse Company & de Zwarte Hond;*

KEY FEATURES

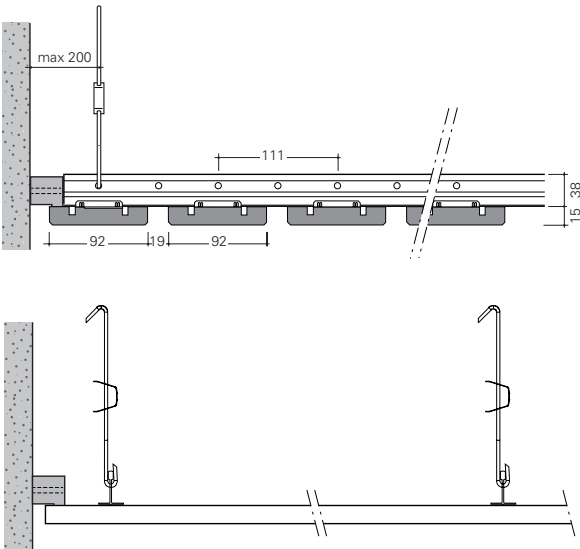
- Interior applications
- Panel width: 63 - 68 - 70 - 82.6 - 92 - 110 - 116 mm
- Lengths up to 2500 mm
- Panel thickness: 15 mm
- Joint width: 12 - 13 - 15 - 19 mm
- Multi-panel layouts possible, combining different widths
- Other sizes are available upon request
- Variety of 20+ wood species, FSC or PEFC certified
- Clear and coloured stains available
- Also available as wall solution (see page 300) or exterior application (see page 252)
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Solid Wood Linear panel
- 2 = Pre-applied acoustic fleece
- 3 = Carrier
- 4 = (Demountable) clip
- 5 = Panel fixation pin
- 6 = Quick hanger



TYPICAL SECTIONS



PHYSICAL DATA

Fire rating: B,s2,d0 (according to 13501-1), depending on wood specie and treatment
Acoustic ratings: α_w 0.30 - 0.50 (according to ISO 11654), see page 353
Weight: 5.0 - 8.0 kg per m²
VOC Emission: Class A+ (according to ISO 16000-9)

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- GREENGUARD Gold
- Cradle to Cradle (C2C) Silver
- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood species and finishes. Coloured stains can be added to match custom colours. See website for the most up to date information. The wood images are for illustration purposes only.

WOOD SPECIES



Accoya



American White Oak



Siberian Larch



African Ayous



Yellow Poplar



American Ash



European Oak



American Red Oak



European Pine



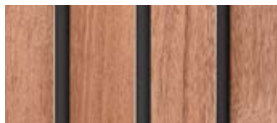
Cherry



Oregon Pine



Cambara



Merbau



Mahogany



Western Red Cedar

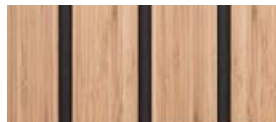


American Walnut

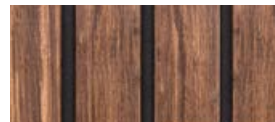
BAMBOO



Bamboo SP Natural



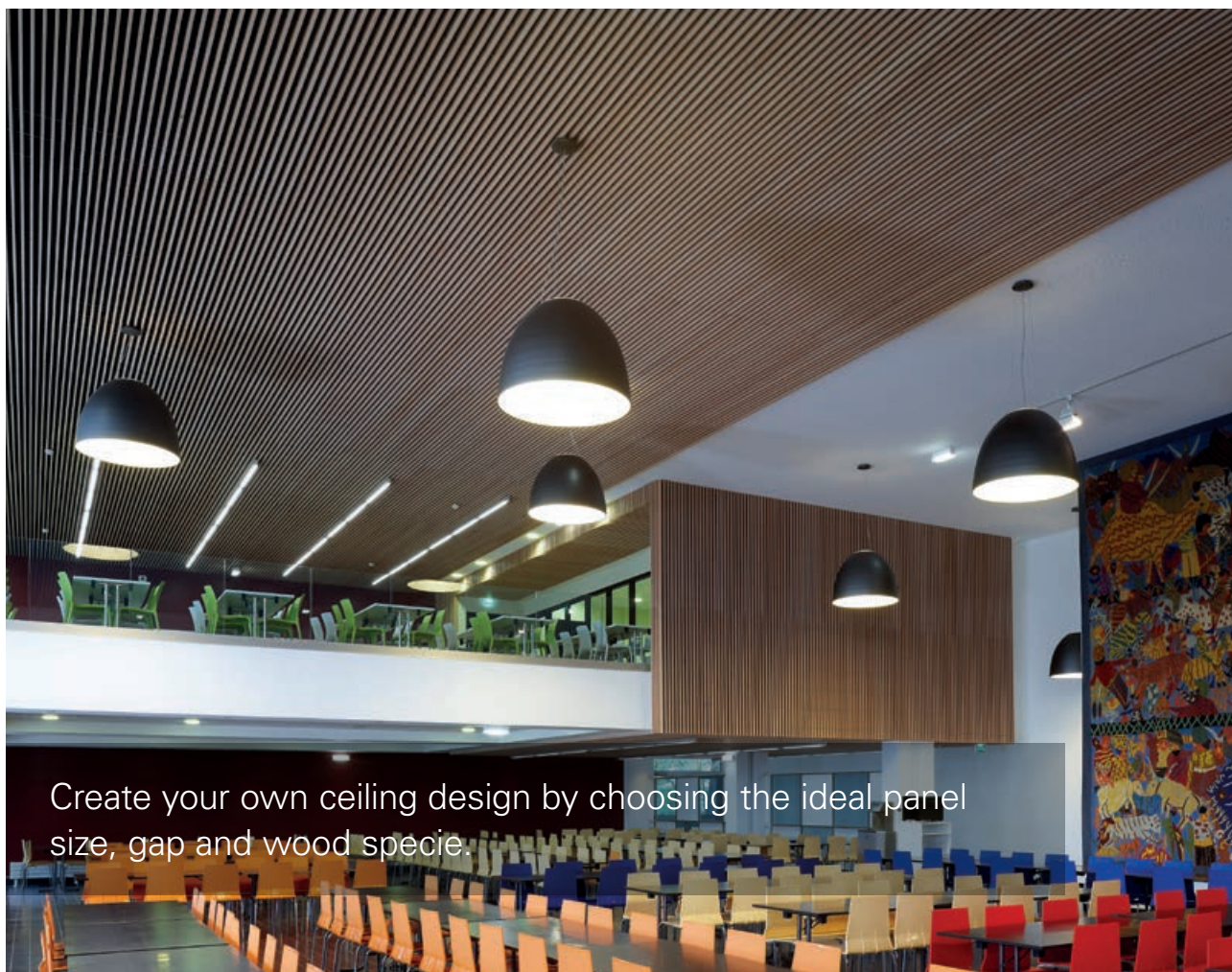
Bamboo SP Caramel



Bamboo DT Caramel



Project: 02 Our Space, Slough, United Kingdom - Prduct: Solid Wood Linear, Western Red Cedar & European Oak - Architect: Bennet Architects



Create your own ceiling design by choosing the ideal panel size, gap and wood specie.

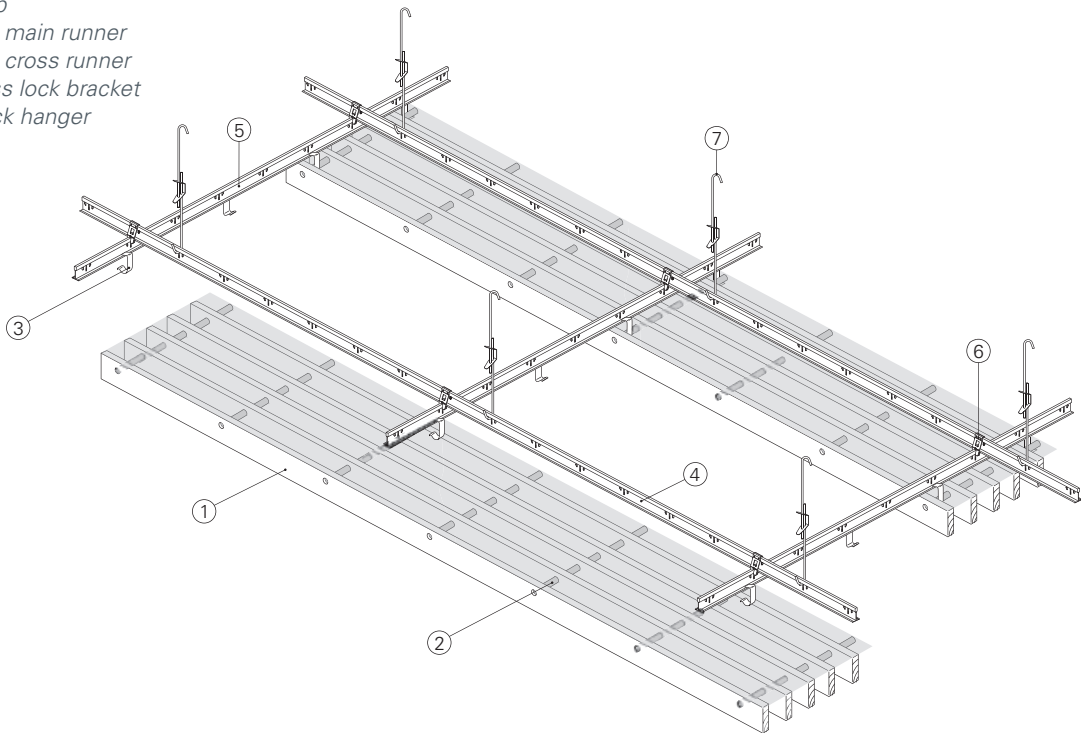
Project: Crous Centrale, Lyon, France - Product: Solid Wood Grill - Architect: Sylvain ROUBAUD

KEY FEATURES

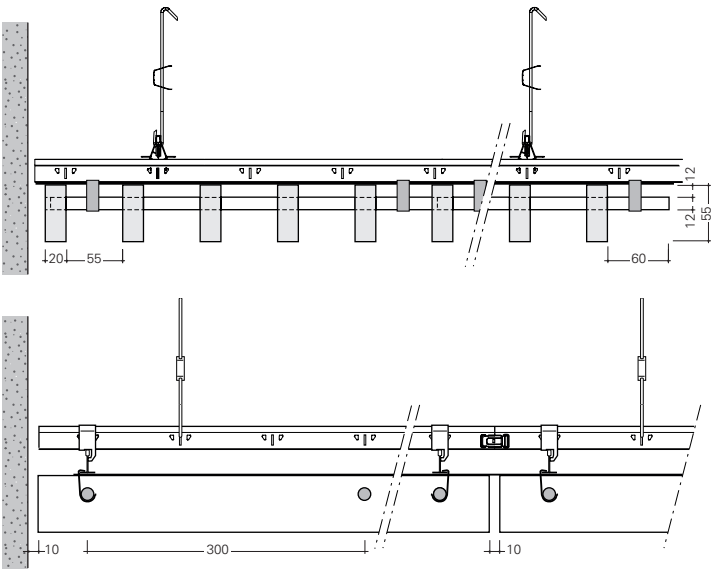
- Interior applications
- Panel width: 20 mm
- Lengths up to 2500 mm
- Panel height: 35 - 120 mm
- Joint width: 25 - 150 mm
- Pre-assembled elements of $\pm 350 \times 3000$ mm
- Other sizes and dimensions are available upon request
- Variety of 20+ wood species, FSC or PEFC certified
- Optionally supplied with acoustic fleece
- Clear and coloured stains available
- Also available as wall solution (see page 300) or exterior application (see page 252)
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Solid Wood Grill panel
- 2 = Metal dowel
- 3 = J clip
- 4 = T 24 main runner
- 5 = T 24 cross runner
- 6 = Cross lock bracket
- 7 = Quick hanger



TYPICAL SECTIONS



PHYSICAL DATA

Fire rating: B,s2,d0 (according to 13501-1), depending on wood specie and treatment
Acoustic ratings: α_w 0.30 - 0.50 (according to ISO 11654), see page 353
Weight: 6.0 - 12.0 kg per m²
VOC Emission: Class A+ (according to ISO 16000-9)

LEED V4 CREDITS

EA : Optimise Energy Performance
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Management
EQ : Acoustic Performance

CERTIFICATIONS

GREENGUARD Gold
Cradle to Cradle (C2C) Silver
FSC
PEFC

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WOOD SPECIES



Accoya



American White Oak



Siberian Larch



African Ayous



Yellow Poplar



American Ash



European Oak



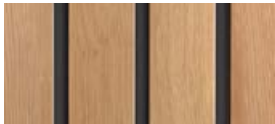
American Red Oak



European Pine



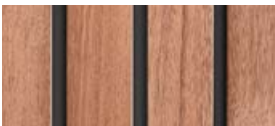
Cherry



Oregon Pine



Cambara



Merbau



Mahogany



Western Red Cedar



American Walnut

BAMBOO



Bamboo SP Natural



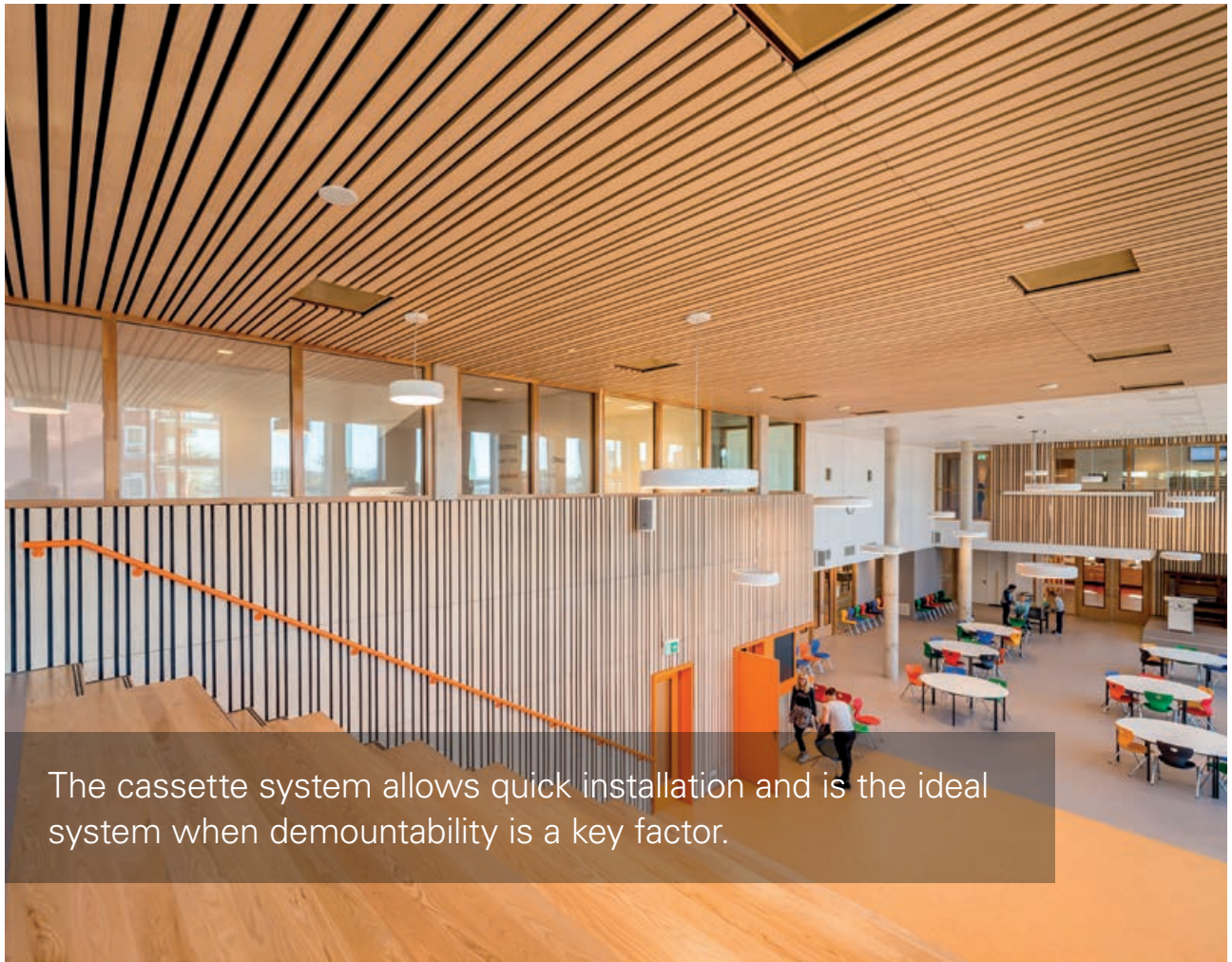
Bamboo SP Caramel



Bamboo DT Caramel



Project: C.C. Plaza Genipa, Martinique, France - Product: Solid Wood Grill, African Ayous - Architect: Architectes CVZ



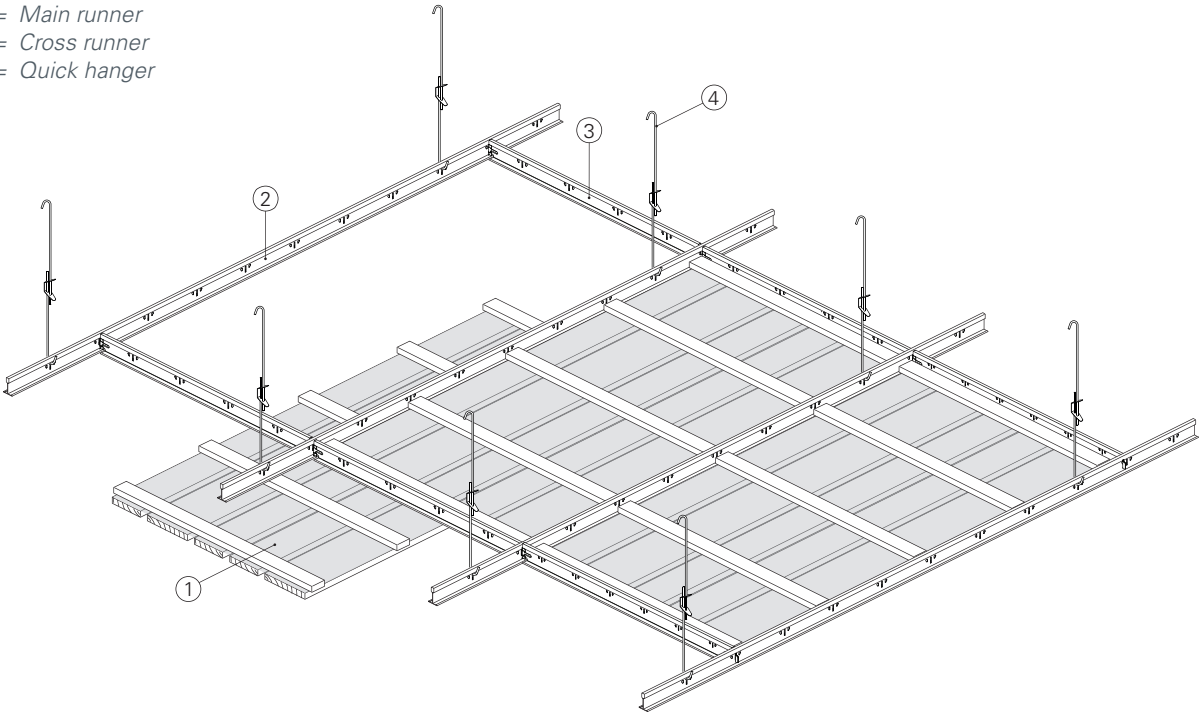
Project: Driestar, Leiden, The Netherlands - Product: Veneered Wood Linear Cassettes, Ash veneer - Architect: Roosros Architecten

KEY FEATURES

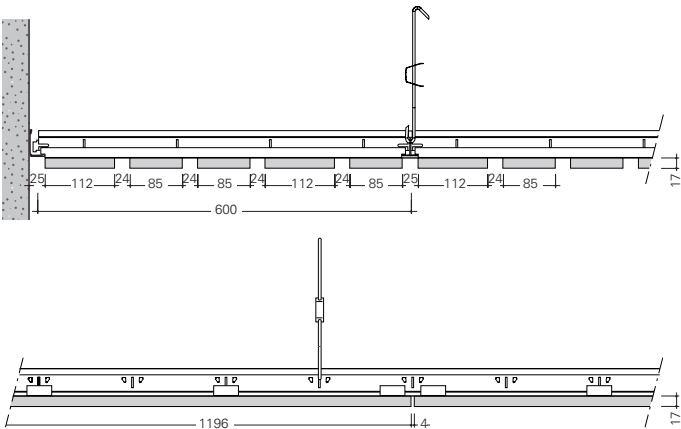
- Interior applications
- MDF core with a wooden top layer
- Cassette sizes 600 x 600 mm to 1200 x 1200 mm
- Panel width: 90 - 120 - 150 - 200 - 230 mm
- Panel thickness: 17 or 20 mm
- Joint width: 5 - 10 - 15 - 20 - 30 mm
- Multi-panel layouts possible, combining different widths
- Other sizes and dimensions are available upon request
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Optionally supplied with acoustic fleece
- Available as cassettes or as individual linear panels
- Clear and coloured stains available
- Also available as wall solution (see page 304) or exterior application (see page 256)
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Linear Cassette Element
- 2 = Main runner
- 3 = Cross runner
- 4 = Quick hanger



TYPICAL SECTIONS



PHYSICAL DATA

Acoustic rating: up to α_w 0.50

Weight: 10.0 - 15.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of wood species and finishes. Coloured stains can be applied to match custom colours or existing building elements. See our website for the most up to date information. The images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



American Maple American Red Oak American Walnut American/ European Oak European Ash European Birch Pine Steamed Beech

ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



Ash BF 001 Ash BF 002 Ash BF 049 Ash BF050 Birch BG 046 Birds Eye Maple E 069 Bolivar EB 064 Walnut EA193

ENGINEERED VENEERS

Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



Oak Wenge Birch Rosewood Teak Walnut Cherry Zingana

SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

Engineered special veneers

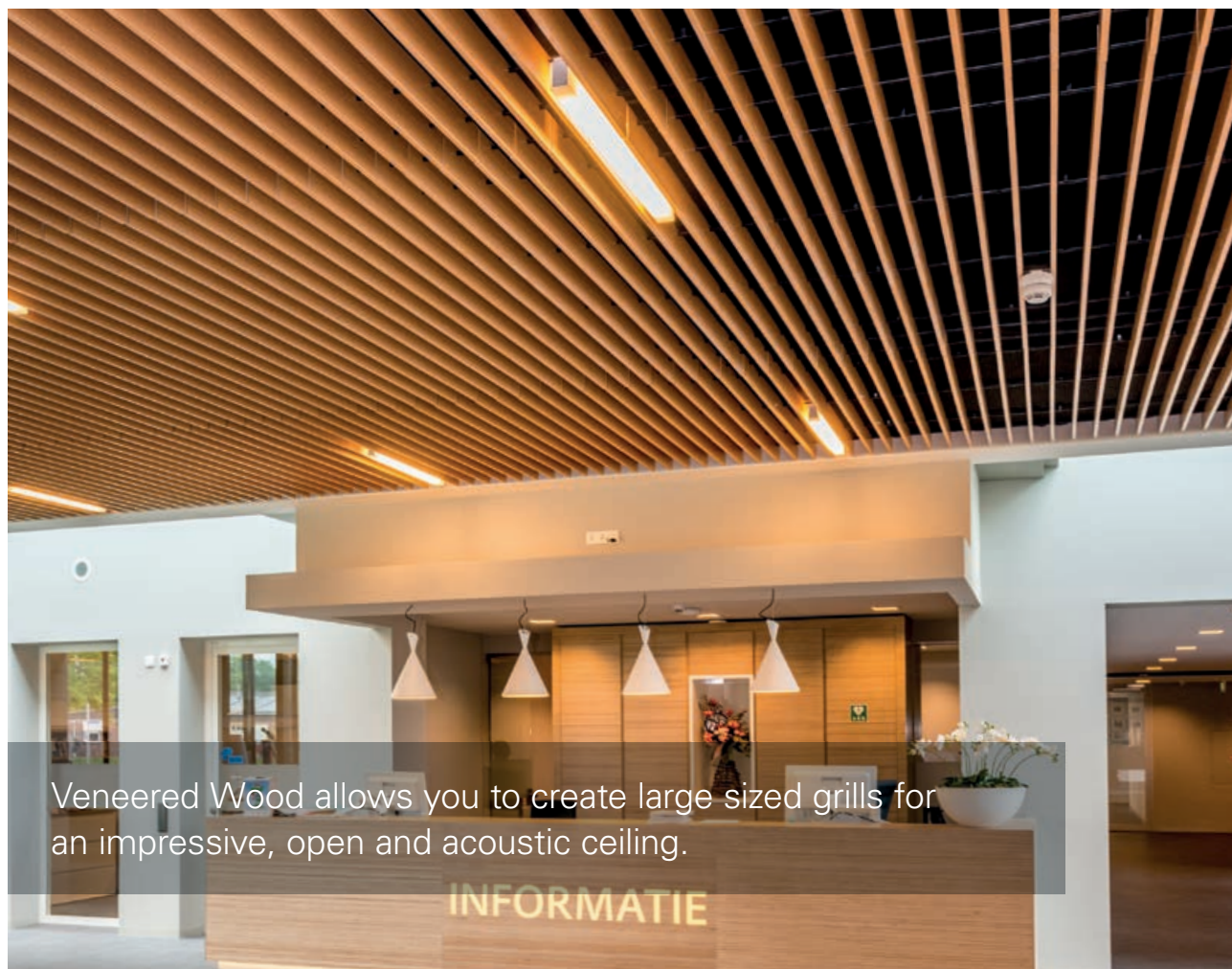


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: KPMG Head Office, Amsterdam, The Netherlands - Product: Veneered Wood Linear, Bamboo khaki - Architect: Marcel van der Schalk



Veneered Wood allows you to create large sized grills for an impressive, open and acoustic ceiling.

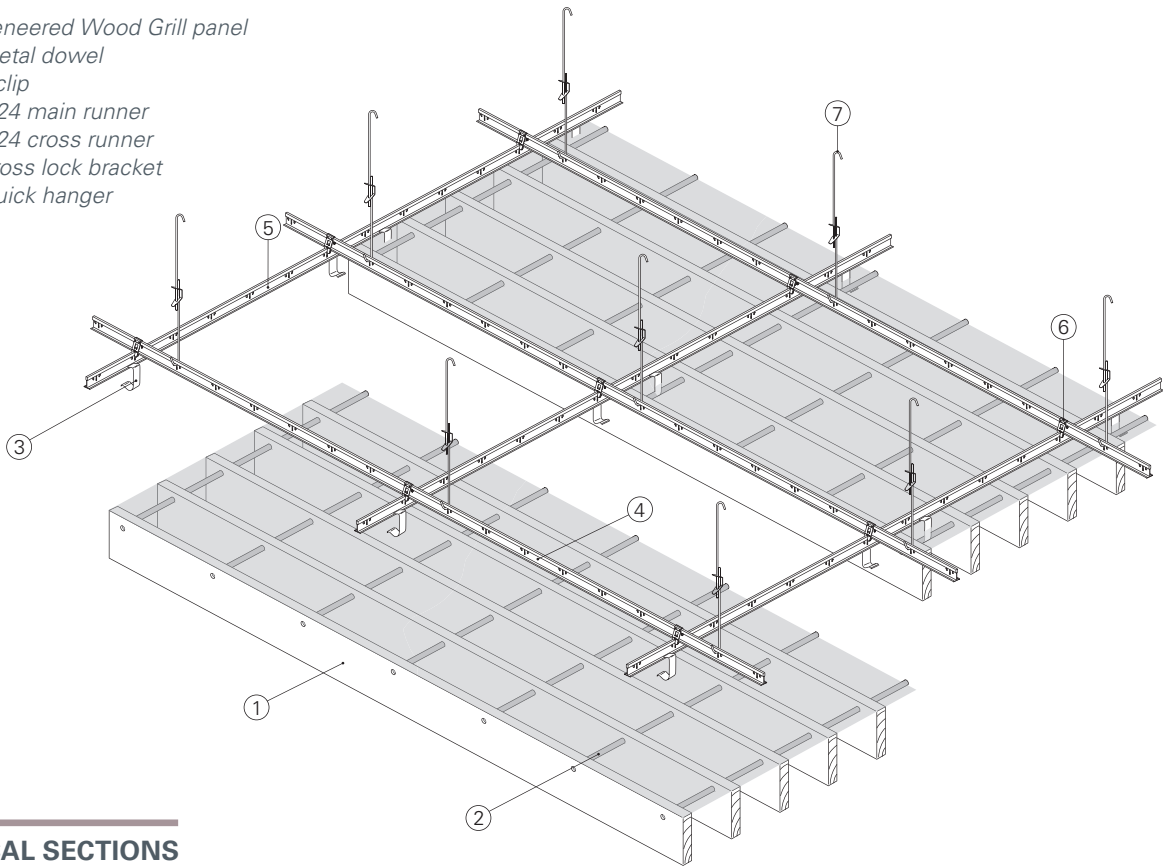
Project: City Hall, Didam, The Netherlands - Product: Veneered Wood Grill, Ash - Architect: De Twee Snoeken

KEY FEATURES

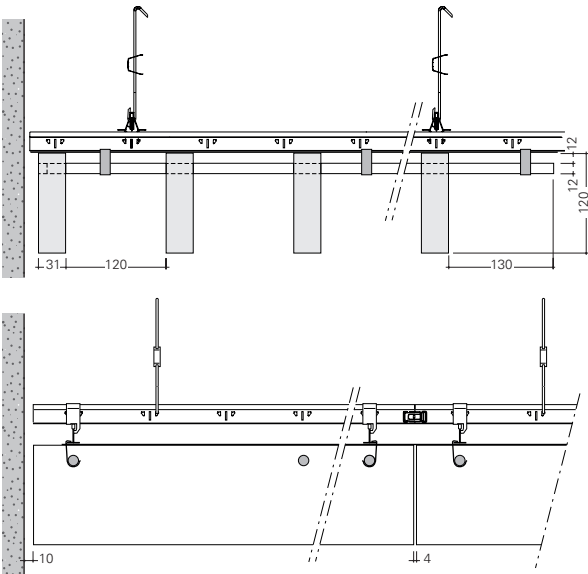
- Interior applications
- Panel width: 17 - 20 - 26 - 31 mm
- Panel height: 65 - 150 mm
- Joint width: 50 - 150 mm
- Pre-assembled elements of $\pm 300 \times 2700$ mm or cassettes in $600/1200 \times 600$ mm
- Other sizes are available upon request
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Available as grill elements or cassettes
- Clear and coloured stains available
- Also available as wall solution (see page 304) or exterior application (see page 256)
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Veneered Wood Grill panel
- 2 = Metal dowel
- 3 = J clip
- 4 = T 24 main runner
- 5 = T 24 cross runner
- 6 = Cross lock bracket
- 7 = Quick hanger



TYPICAL SECTIONS



PHYSICAL DATA

Acoustic rating: Up to α_w 0.85
 Weight: 12.0 - 20.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- FSC
- PEFC

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American Maple American Red Oak American Walnut American/ European Oak European Ash European Birch Pine Steamed Beech

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Ash BF 001 Ash BF 002 Ash BF 049 Ash BF050 Birch BG 046 Birds Eye Maple E 069 Bolivar EB 064 Walnut EA193

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Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



Oak Wenge Birch Rosewood Teak Walnut Cherry Zingana

SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

Engineered special veneers

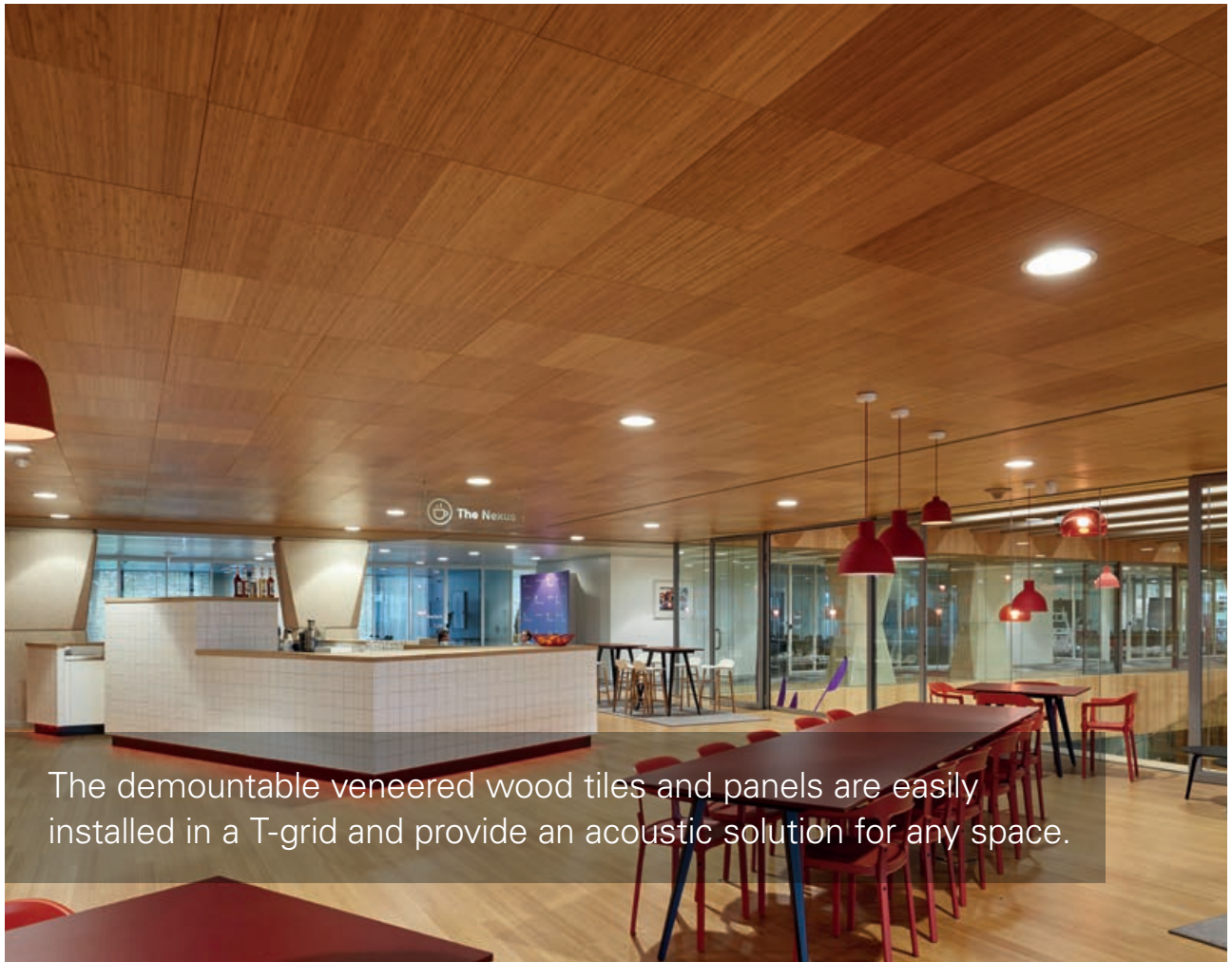


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: City Hall, Didam, The Netherlands - Product: Veneered Wood Grill, Ash - Architect: De Twee Snoeken



The demountable veneered wood tiles and panels are easily installed in a T-grid and provide an acoustic solution for any space.

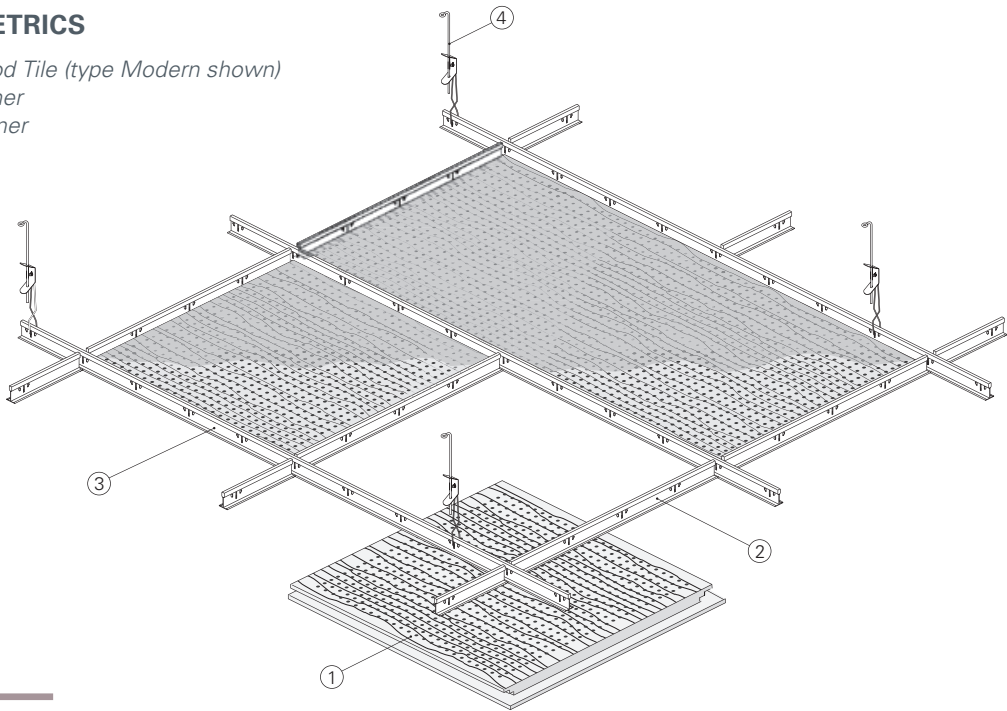
Project: Smart Campus, Heerlen, Netherlands - Product: Veneered Wood Panels - Architect: Van Eijk and van der Lubbe

KEY FEATURES

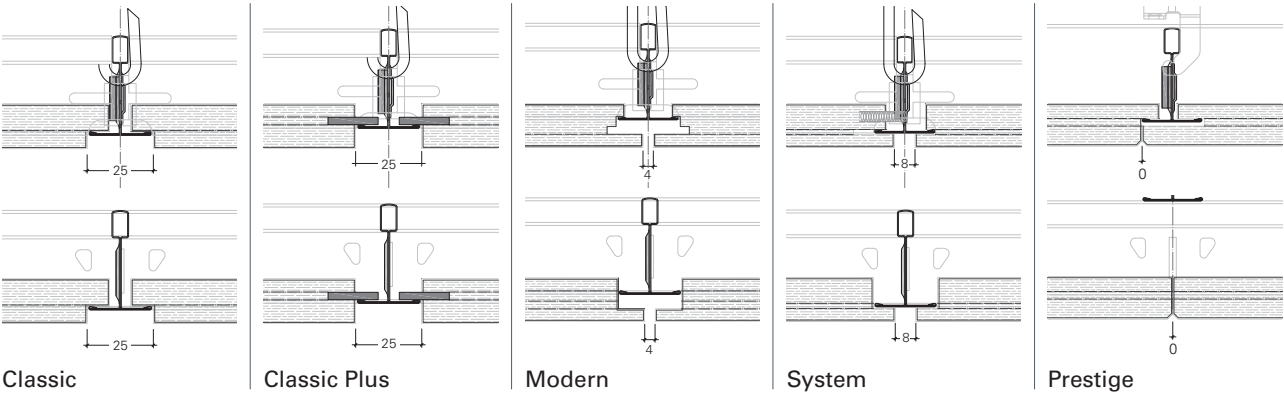
- Interior applications
- Tile sizes: 300/600/900/1200 x max. 1200 mm, other sizes available upon request
- Installed in T24 grid, with exposed/semi-concealed/concealed detail
- Types: Classic / Classic Plus / Modern / Prestige / System
- Various perforation patterns for acoustical performance
- Other sizes are available upon request
- Nano perforation for high acoustics up to α_w 0.95
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Clear and coloured stains available
- Demountable system for easy access to plenum
- Also available as wall solution (see page 308) or exterior application (see page 260)
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Veneered Wood Tile (type Modern shown)
- 2 = T 24 main runner
- 3 = T 24 cross runner
- 4 = Quick hanger



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 351 to see all perforation patterns.
 Scale 1:1 shown, unless otherwise noted.

(Scale 1:5)	(Scale 1:5)	(Scale 1:5)	(Scale 1:5)		(Scale 1:20)	(Scale 1:20)	(Scale 1:5)
R7015 Ø 7 mm ⌀ 16 ⇄ 16 Single Round Regular Openness 15%	D10008 Ø 10 mm ⌀ 32 ⇄ 32 Single Round Irregular Openness 8%	R1503A Ø 1.5 mm ⌀ 8 ⇄ 8 Double Round Regular Openness 3%	R5008B Ø 5 mm ⌀ 16 ⇄ 16 Double Round Regular Openness 8%	D0505A Ø 0.5 mm ⌀ 1.9 ⇄ 1.9 Nano Perfo Irregular Openness 23.9%	R9711S WxH 97/8 mm ⌀ 48 ⇄ 132 Slotted perfo Regular Openness 11%	D9711S WxH 97/8 mm ⌀ 48 ⇄ 132 Slotted perfo Irregular Openness 11%	Topline® 28/4 Plain 28 mm Groove 4 mm Openness 13%

PHYSICAL DATA

Acoustic rating: Up to α_w 0.95
 Weight: 11.0 - 13.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of wood species and finishes. Coloured stains can be applied to match custom colours or existing building elements. See our website for the most up to date information. The images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



American
Maple

American
Red Oak

American
Walnut

American/
European
Oak

European
Ash

European
Birch

Pine

Steamed
Beech

ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



Ash
BF 001

Ash
BF 002

Ash
BF 049

Ash
BF050

Birch
BG 046

Birds Eye
Maple E 069

Bolivar
EB 064

Walnut
EA193

ENGINEERED VENEERS

Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



Oak

Wenge

Birch

Rosewood

Teak

Walnut

Cherry

Zingana

SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



Grenada

Porto Rico

Martinique

St Barth

Aruba

Barbados

Anguilla

Dominica

Engineered special veneers



Arrow

Brown Devil

Deco M02

Deco M06

Burl

Cherry EVH

Vega

Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Orbis Medical Centre, Sittard, The Netherlands - Product: Veneered Wood Tiles - Architect: Bonnema Architecten



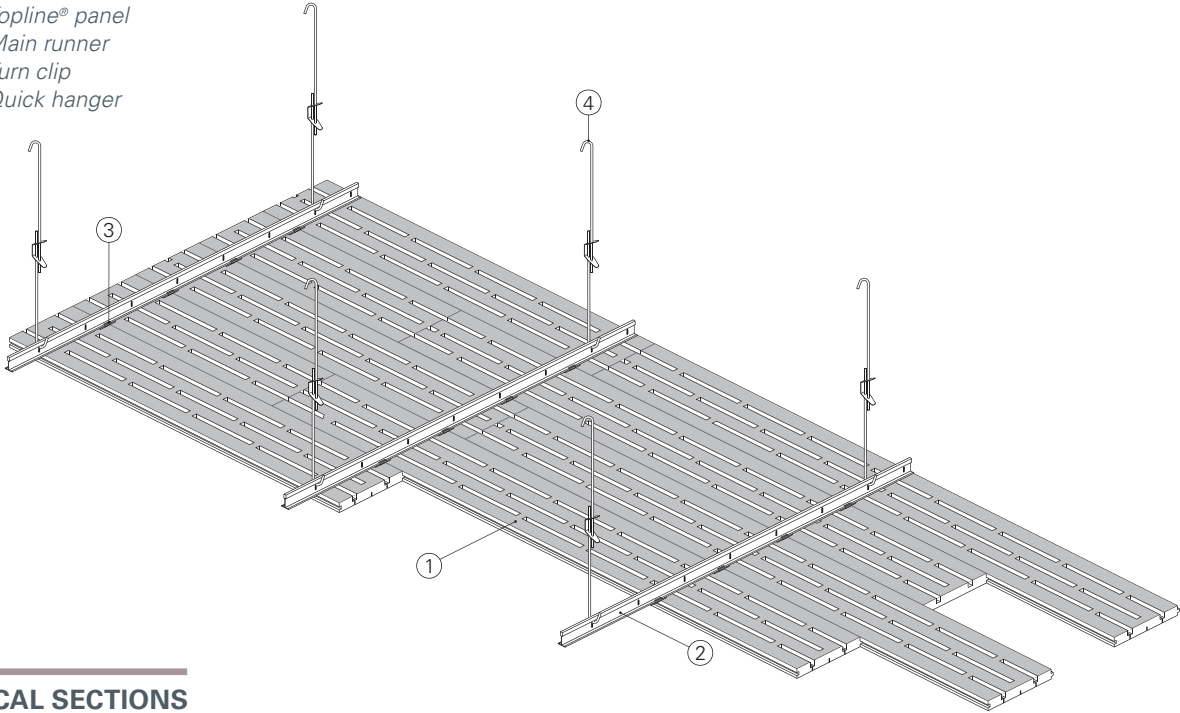
Project: Rabobank Doetinchem, The Netherlands - Product: Topline TLS 13/3, Bamboo - Architect: AWG Architecten

KEY FEATURES

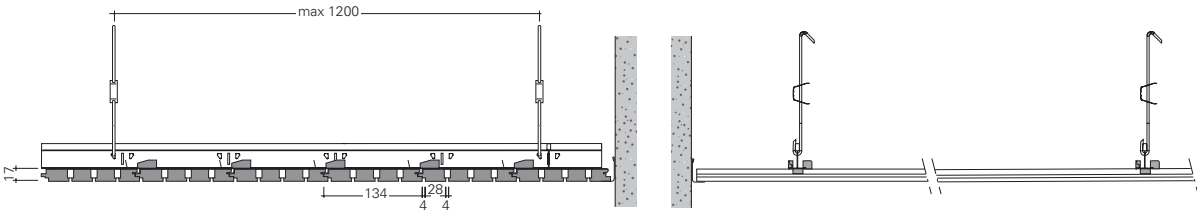
- Interior applications
- Panel sizes: 128/262 x 2050/2780 mm
- Installed in T24 grid, with tongue and groove connection
- Types: TTA / TLS / TVB / TLD / TLQ
- Various perforation designs
- Acoustic solution for sound absorption / deflection / diffusion
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Clear and coloured stains available
- Demountable system for easy access to plenum
- Also available as wall solution, see page 304
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Topline® panel
- 2 = Main runner
- 3 = Turn clip
- 4 = Quick hanger



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 351 to see all perforation patterns.
 Scale 1:1 shown, unless otherwise noted.

VIEW SIDES (Scale 1:5)

Topline® 6/2 Plain 6 mm Groove 2 mm Openness 25%	Topline® 9/2 Plain 9 mm Groove 2 mm Openness 18%	Topline® 14/2 Plain 14 mm Groove 2 mm Openness 13%	Topline® 13/3 Plain 13 mm Groove 3 mm Openness 19%	Topline® 29/3 Plain 29 mm Groove 3 mm Openness 9%	Topline® 28/4 Plain 28 mm Groove 4 mm Openness 13%

BACK SIDES (Scale 1:5)

Plain	Round	Slotted

PHYSICAL DATA

Acoustic rating: Up to α_w 0.90
 Weight: 11.0 - 13.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of wood species and finishes. Coloured stains can be applied to match custom colours or existing building elements. See our website for the most up to date information. The images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



American Maple American Red Oak American Walnut American/ European Oak European Ash European Birch Pine Steamed Beech

ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



Ash BF 001 Ash BF 002 Ash BF 049 Ash BF050 Birch BG 046 Birds Eye Maple E 069 Bolivar EB 064 Walnut EA193

ENGINEERED VENEERS

Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



Oak Wenge Birch Rosewood Teak Walnut Cherry Zingana

SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

Engineered special veneers



Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Credit Agricole, France - Product: Topline® TLS 14/2, Banana leaf, Bahamas - Architect: Nacéra Rahal



Create a wooden look and a natural ambience with the Metal Woodprints.

Project: EKZ Mall, Liepziger Platz, Berlin, Germany - Product: Multi-Panel 30BD and 80B, Metal Woodprint - Architect: ARGE LP12

KEY FEATURES

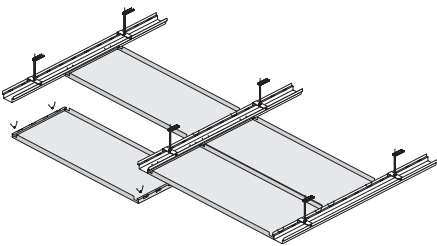
- Interior applications
- Realistic wood designs available for our metal ceilings range
- Use the benefits of metal, with the looks of natural wood
- Direct print or transfer prints solutions
- Acoustic solutions available
- Also available for exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Project : Shopping Center Las Huertas,
Palencia, Spain
Product : Multi-Panel 30BD, Metal Woodprint
Architect: B+R Arquitectos Asociados

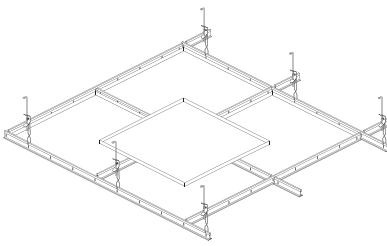


WOODPRINT APPLICATIONS

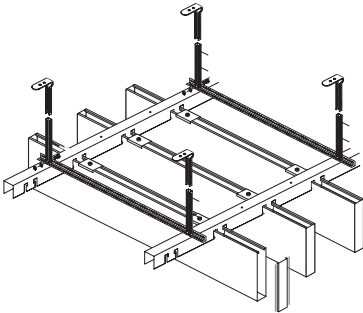
Woodprint finishes are available as standard for the following HunterDouglas® Metal Ceilings:



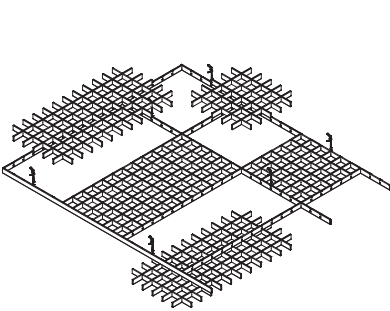
Planks (see page 56 - 103)



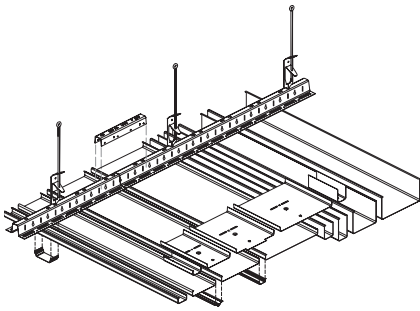
Tiles (see page 104 - 111)



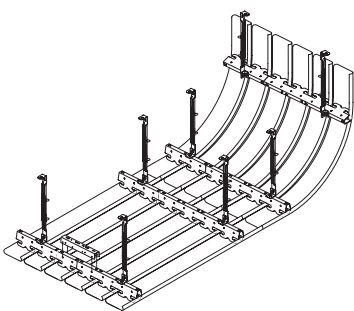
Baffles (see page 172 - 191)



Cell (see page 192 - 207)



Linear (see page 208 - 227)




Curved (see page 228 - 239)

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood prints and finishes, with different printing techniques. See our website for the most up to date information. The images are for illustration purposes only.


WOOD TONES



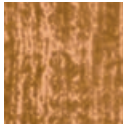
8476
Cedar



8474
Pine



8494
Oak



8492
Birch



8472
Palisander

DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8426



Walnut
8424



Amber Bamboo
8435



African Wenge
8944



Grey Barnwood
Cedar 8437



Golden Douglas
Fir 8436



American Oak
8439



Cajun Cypress
8442



Swamp
Cypress 8444



Clipper Teak
8446



Windjammer
Teak 8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer
Maple 8465



Terrace Maple
8466



Red River
Pecan 8467



Bayou Pecan
8468



Northwest
Mountain
Hemlock 8489



Whitewash
8498




Rustic Cherry
8939




Cherry
8942

LAMINATED (FILM) WOOD OPTIONS


Pre-painted coil with a PVC film finish, for interior only.




Oak
8920




Maple
8921



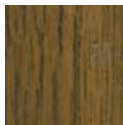
Cherry
8922



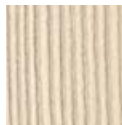
Cypress
8925



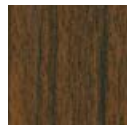
Grey Cedar
8931



Teak
8923




Whitewash
8924




Walnut
8927

COIL COATED WOOD-LOOK OPTIONS


Coil-coated paint finishes are suitable for interior applications.



Cherry
8928



Teak
8929



Dark Walnut
8930



International Poznan Fairs, Poznan, Poland - Product: Multi-Panel 80B Interior and Exterior, Metal Woodprint - Architect: ADS Studio



International Poznan Fairs, Poznan, Poland - Product: Multi-Panel 80B Interior and Exterior, Metal Woodprint - Architect: ADS Studio





Project: Zayed Sports City, Abu Dhabi, United Arab Emirates
Architect: Sparch
Product: Linear Multipanel 80B Metal Woodprint

METAL CEILINGS

With a 60 year legacy of product innovation, our metal ceiling and wall systems continue to lead in design, function and sustainability.





Project: Schiphol Lounge 2, Amsterdam, The Netherlands
Architect: Kossmann.dejong
Product: Linear 30/40 BXD ceiling



Project: Chisinau airport, Chisinau, Republic of Moldova
Architect: Vladimir Pinzaru (Arhform)
Product: Linear 80BXD ceiling



Project: Brussels Airport Connector, Brussels, Belgium
Architect: Chapman Taylor Benelux
Product: Wide Panel 300C Curved and Multipanel

METAL CEILINGS

PLANKS 60

TILES 108

STRETCH METAL 116

XL ACOUSTIC 144

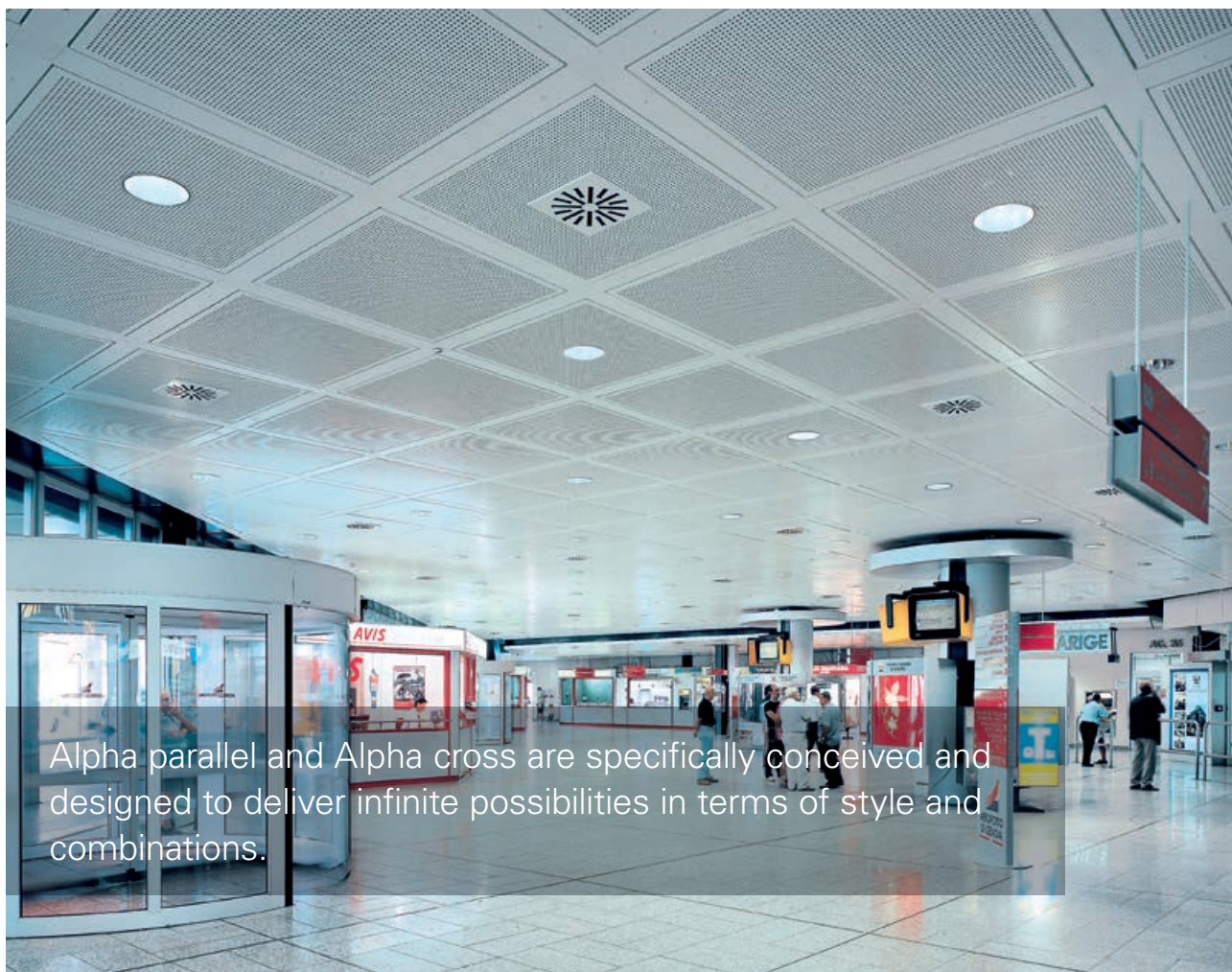
WIDE PANEL 160

BAFFLES 176

CELL 198

LINEAR 214

CURVED 234



Alpha parallel and Alpha cross are specifically conceived and designed to deliver infinite possibilities in terms of style and combinations.

Project: Aeroporto di Genova, TGenoa, Italy - Product: Planks Alpha (Bandraster)

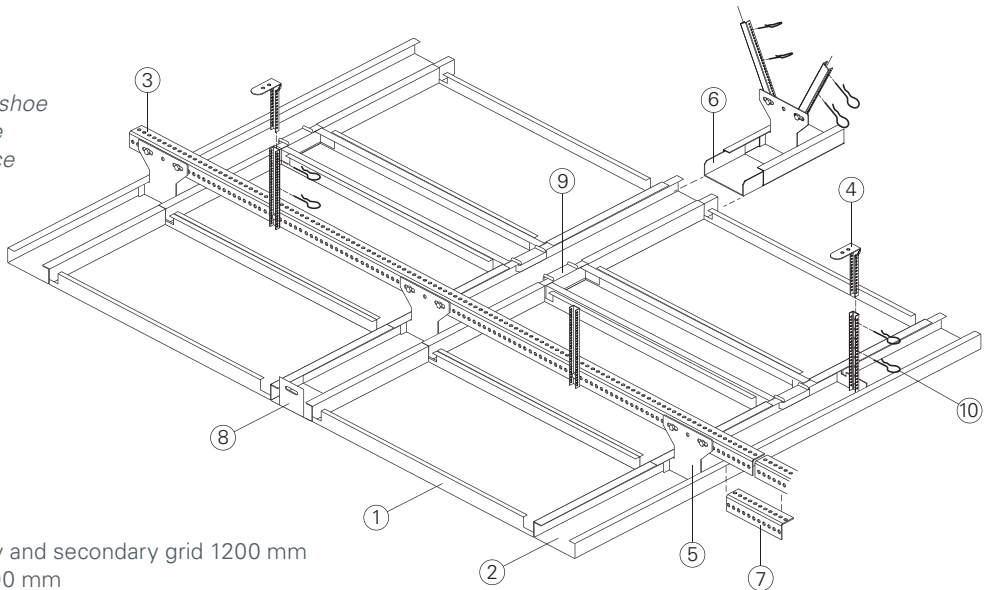
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design in parallel or cross design installation
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

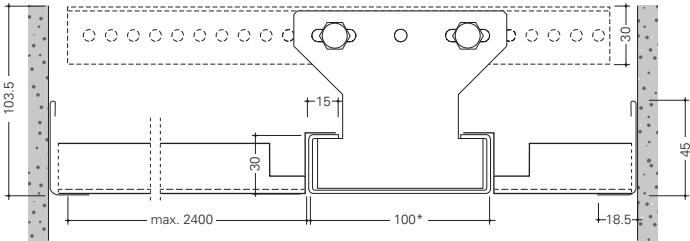
TYPICAL ISOMETRICS

- 1 = C-Grid panel
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = C-Grid profile splice
- 7 = Primary profile splice
- 8 = Wall bracket
- 9 = Cross connector
- 10= Locking clips



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



*Other sizes on request (80 - 300 mm)

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

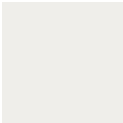
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

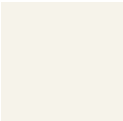
COLOURS AND FINISHES

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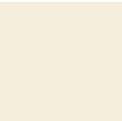
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS



DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8426



Walnut
8424



Amber Bamboo
8435



African Wenge
8944



Grey Barnwood
Cedar 8437



Golden Douglas
Fir 8436



American Oak
8439



Cajun Cypress
8442



Swamp
Cypress 8444



Clipper Teak
8446



Windjammer
Teak 8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer
Maple 8465



Terrace Maple
8466



Red River
Pecan 8467



Bayou Pecan
8468



Northwest
Mountain
Hemlock 8489



Whitewash
8498




Rustic Cherry
8939




Cherry
8942

LAMINATED (FILM) WOOD OPTIONS


Pre-painted coil with a PVC film finish, for interior only.




Oak
8920



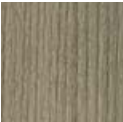
Maple
8921




Cherry
8922




Cypress
8925



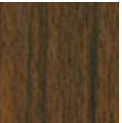
Grey Cedar
8931



Teak
8923




Whitewash
8924




Walnut
8927

COIL COATED WOOD-LOOK OPTIONS


Coil-coated paint finishes are suitable for interior applications.



Cherry
8928



Teak
8929



Dark Walnut
8930

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



Satin
7772C



Brushed
7774C

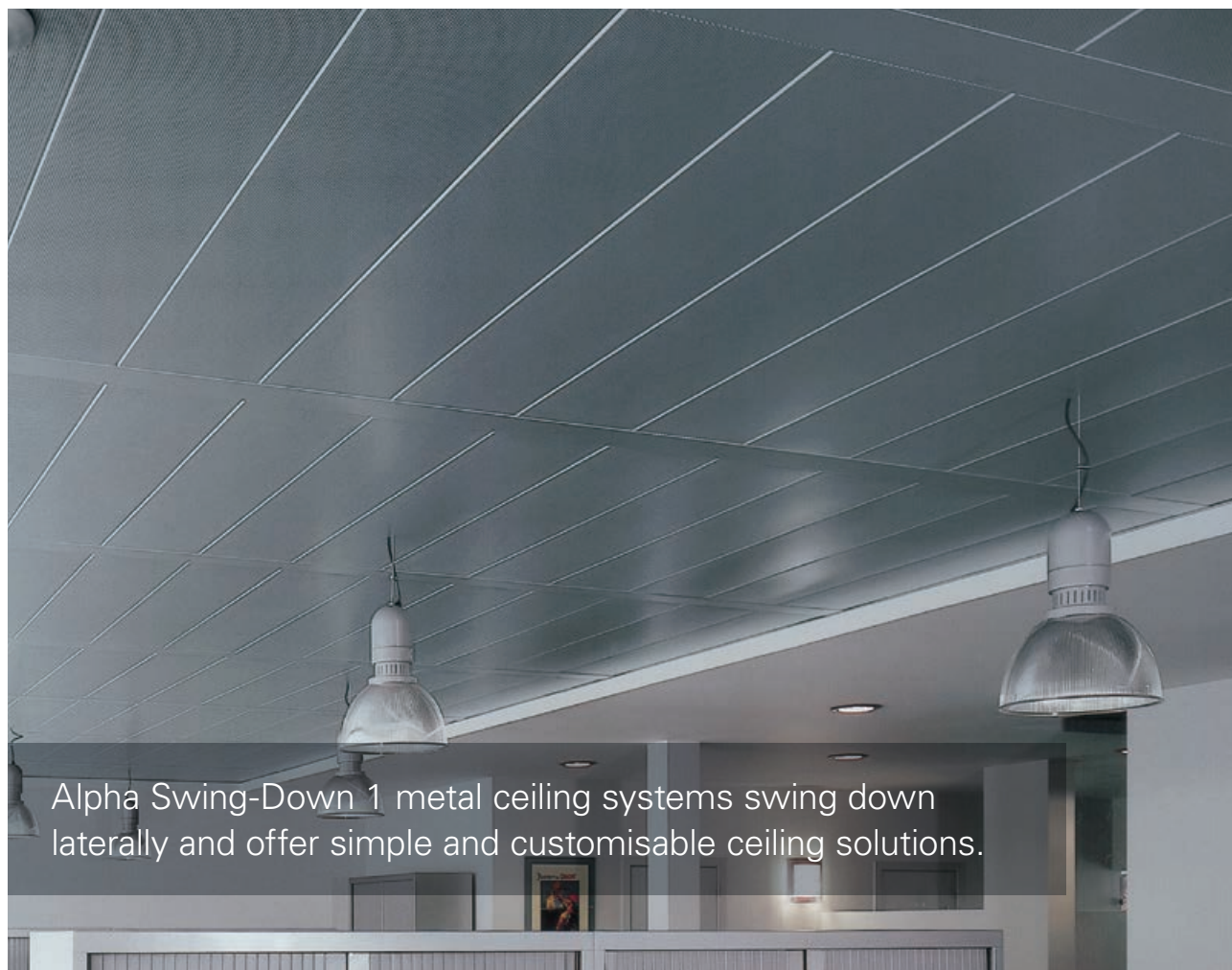


Bright
7776C



Mirror
7778C





Alpha Swing-Down 1 metal ceiling systems swing down laterally and offer simple and customisable ceiling solutions.

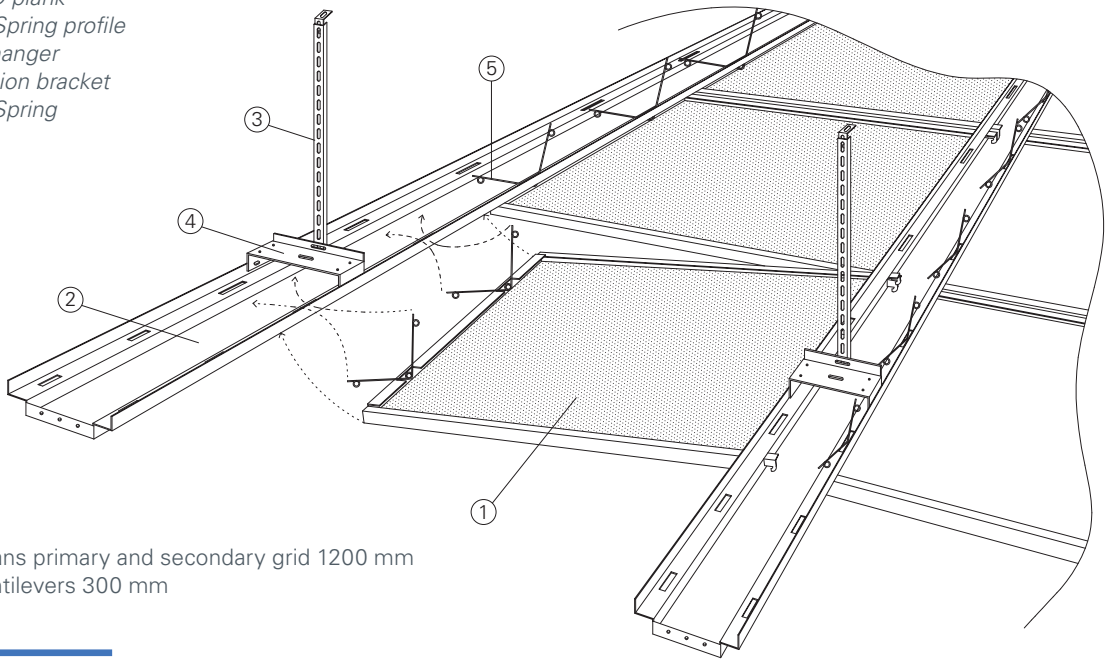
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design in parallel or cross design installation
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Swing down feature allows point-access and 100% access to plenum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

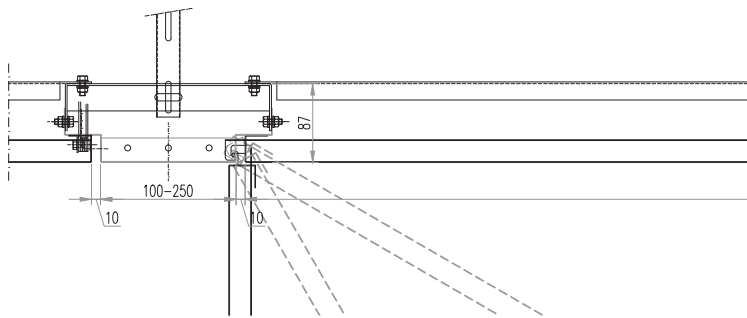
TYPICAL ISOMETRICS

- 1 = Alpha SD plank
- 2 = Torsion-Spring profile
- 3 = Nonius hanger
- 4 = Suspension bracket
- 5 = Torsion-Spring



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌵ 4 ⇄ 4	D2022 Ø 2 mm ⌵ 5 ⇄ 5	R1511 Ø 1.5 mm ⌵ 4 ⇄ 4	R2011 Ø 2 mm ⌵ 5 ⇄ 5	R2516 Ø 2.5 mm ⌵ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

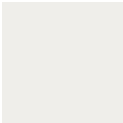
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

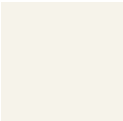
COLOURS AND FINISHES

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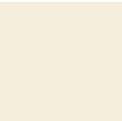
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS



DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8426



Walnut
8424



Amber Bamboo
8435



African Wenge
8944



Grey Barnwood
Cedar 8437



Golden Douglas
Fir 8436



American Oak
8439



Cajun Cypress
8442



Swamp
Cypress 8444



Clipper Teak
8446



Windjammer
Teak 8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer
Maple 8465



Terrace Maple
8466



Red River
Pecan 8467



Bayou Pecan
8468



Northwest
Mountain
Hemlock 8489



Whitewash
8498




Rustic Cherry
8939




Cherry
8942

LAMINATED (FILM) WOOD OPTIONS


Pre-painted coil with a PVC film finish, for interior only.




Oak
8920




Maple
8921




Cherry
8922



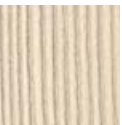
Cypress
8925



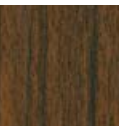
Grey Cedar
8931



Teak
8923




Whitewash
8924




Walnut
8927

COIL COATED WOOD-LOOK OPTIONS


Coil-coated paint finishes are suitable for interior applications.



Cherry
8928



Teak
8929



Dark Walnut
8930

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



Satin
7772C



Brushed
7774C

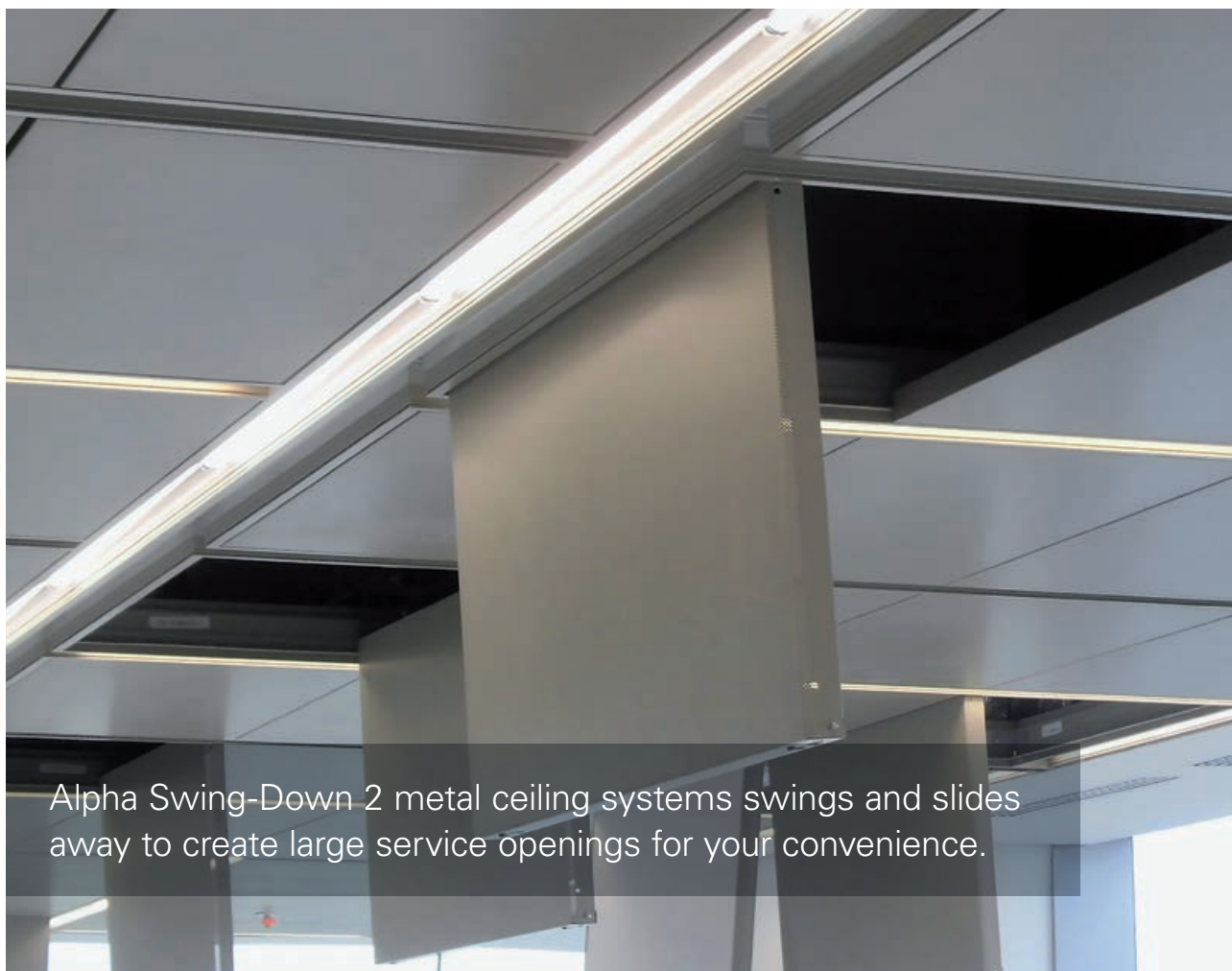


Bright
7776C



Mirror
7778C





Alpha Swing-Down 2 metal ceiling systems swings and slides away to create large service openings for your convenience.

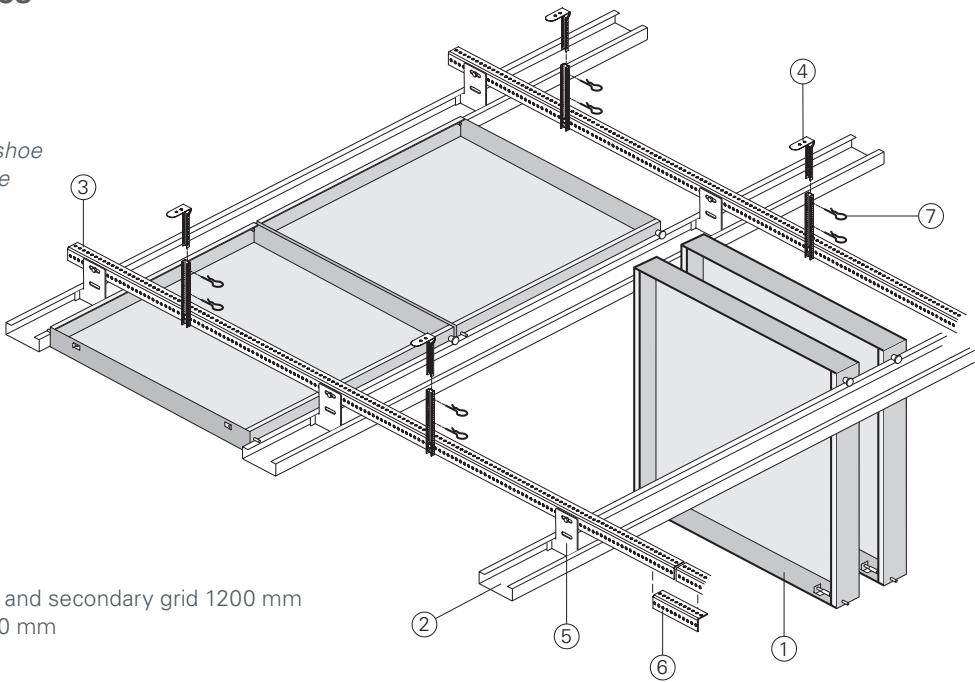
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design in parallel design installation
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Swing down feature allows point-access and 100% access to plenum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

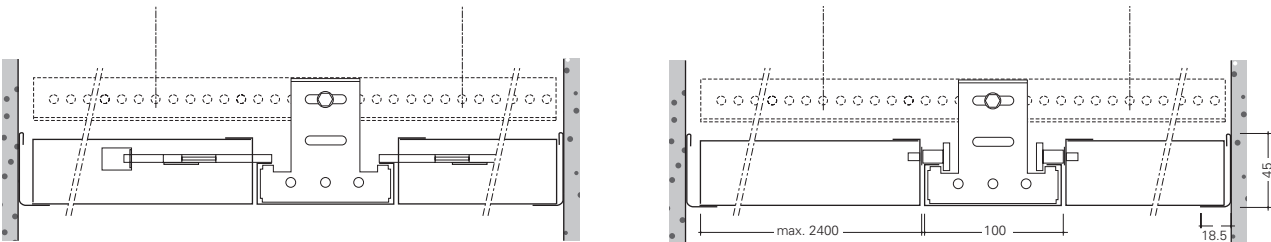
TYPICAL ISOMETRICS

- 1 = Alpha SD plank
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = Primary profile splice
- 7 = Locking clips



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇔ 4	D2022 Ø 2 mm ⌈ 5 ⇔ 5	R1511 Ø 1.5 mm ⌈ 4 ⇔ 4	R2011 Ø 2 mm ⌈ 5 ⇔ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇔ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

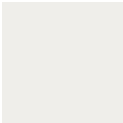
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

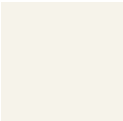
COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

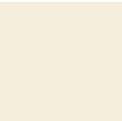
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS









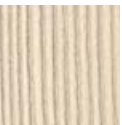
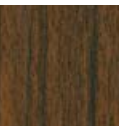
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

 <p>Fonthill Cherry 8426</p>	 <p>Walnut 8424</p>	 <p>Amber Bamboo 8435</p>	 <p>African Wenge 8944</p>	 <p>Grey Barnwood Cedar 8437</p>	 <p>Golden Douglas Fir 8436</p>	 <p>American Oak 8439</p>	 <p>Cajun Cypress 8442</p>
 <p>Swamp Cypress 8444</p>	 <p>Clipper Teak 8446</p>	 <p>Windjammer Teak 8449</p>	 <p>Douglas Fir 8452</p>	 <p>Anigre 8453</p>	 <p>Farm Maple 8458</p>	 <p>Caravel Teak 8460</p>	 <p>Regatta Teak 8461</p>
 <p>Summer Maple 8465</p>	 <p>Terrace Maple 8466</p>	 <p>Red River Pecan 8467</p>	 <p>Bayou Pecan 8468</p>	 <p>Northwest Mountain Hemlock 8489</p>	 <p>Whitewash 8498</p>	 <p>Rustic Cherry 8939</p>	 <p>Cherry 8942</p>




LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.

 <p>Oak 8920</p>	 <p>Maple 8921</p>	 <p>Cherry 8922</p>	 <p>Cypress 8925</p>	 <p>Grey Cedar 8931</p>	 <p>Teak 8923</p>	 <p>Whitewash 8924</p>	 <p>Walnut 8927</p>
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COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

 <p>Cherry 8928</p>	 <p>Teak 8929</p>	 <p>Dark Walnut 8930</p>
--	--	---

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish

 <p>Satin 7772C</p>	 <p>Brushed 7774C</p>	 <p>Bright 7776C</p>	 <p>Mirror 7778C</p>
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Alpha Swing-Down 3 with Torsion-Spring mount allows ceiling panels to swing down in any direction from the ceiling plane.

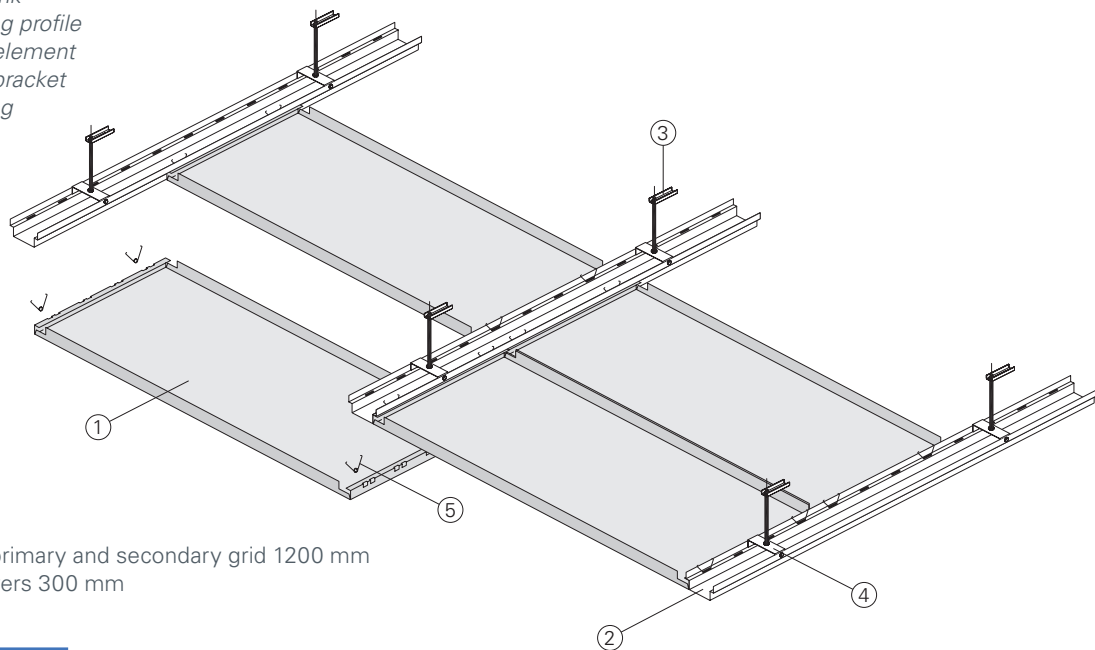
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Torsion-Spring feature allows point-access and 100% access to plenum
- Square-edge design in parallel or cross design installation
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

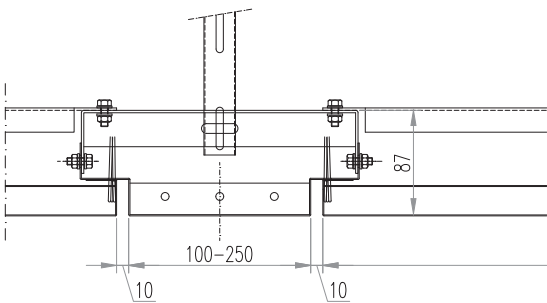
TYPICAL ISOMETRICS

- 1 = Alpha SD plank
- 2 = Torsion-Spring profile
- 3 = Suspension element
- 4 = Suspension bracket
- 5 = Torsion-Spring



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

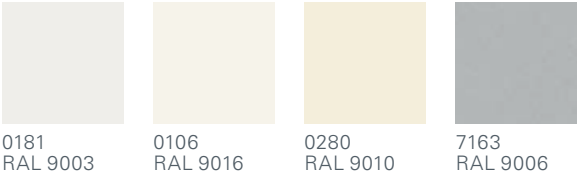
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



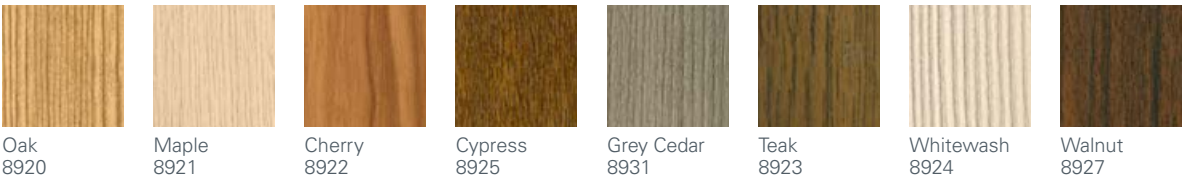
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



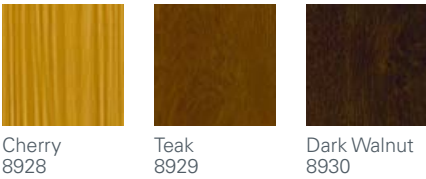
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

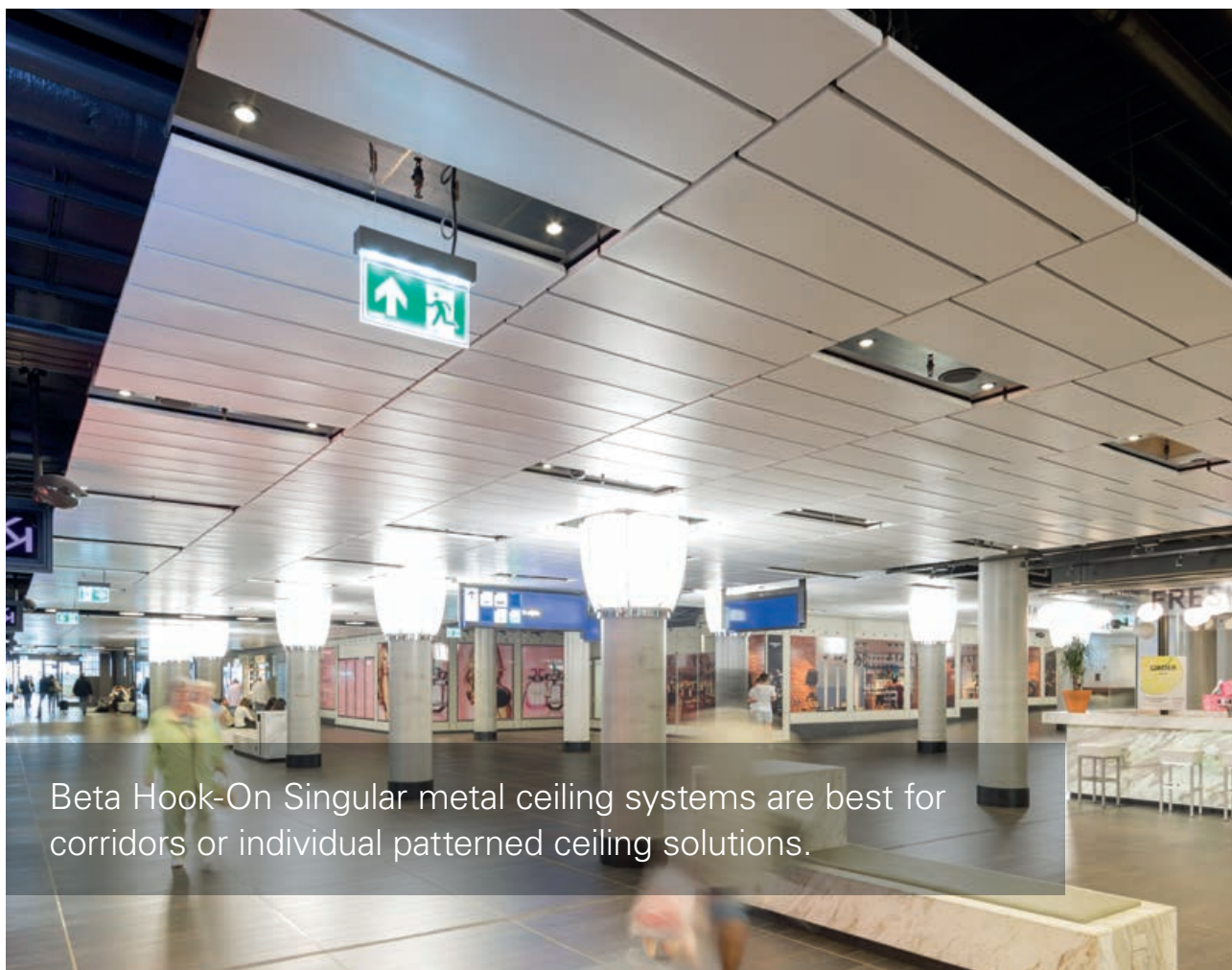


STAINLESS STEEL OPTIONS

Object shows reflectivity of finish







Beta Hook-On Singular metal ceiling systems are best for corridors or individual patterned ceiling solutions.

Project: Poortvrije Passages Amsterdam, The Netherlands - Product: Planks Beta A (Hook-On Singular) - Architect: Benthem Crouwel Architects / Powerhouse Company / Merk X

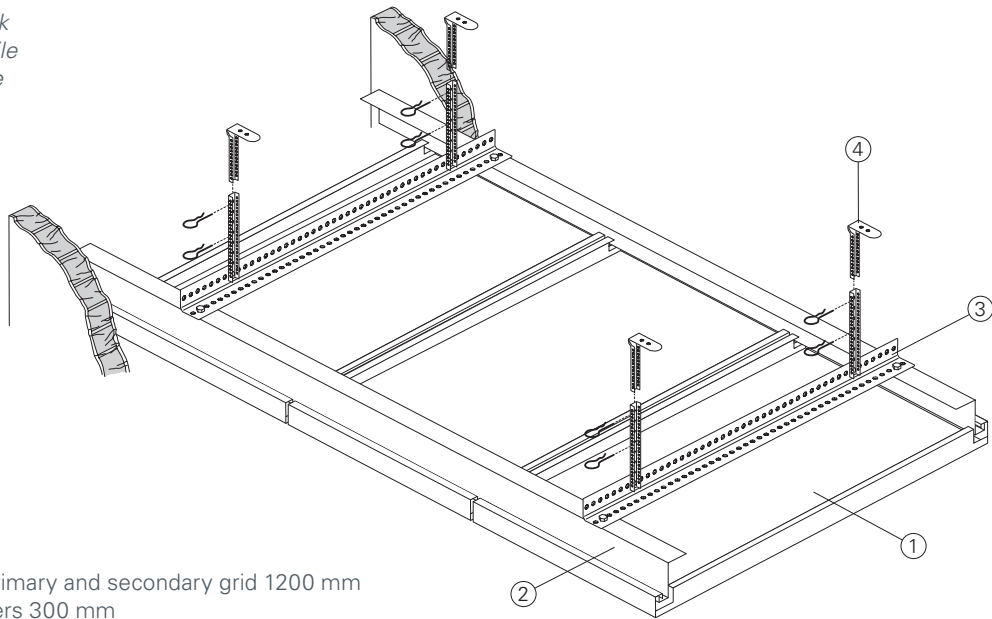
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Hook-on feature allows point-access and 100% access to plenum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

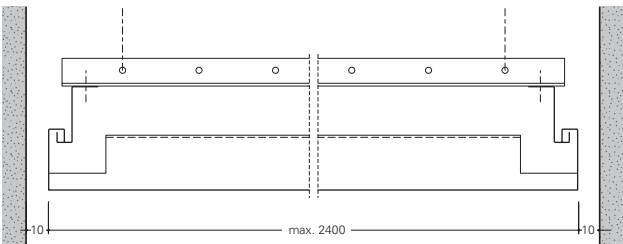
TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Daylight
EQ : Acoustic Performance

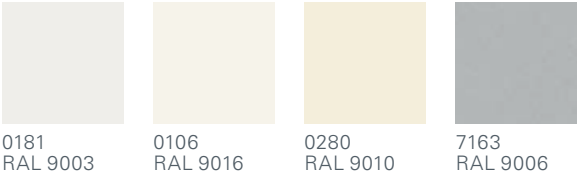
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



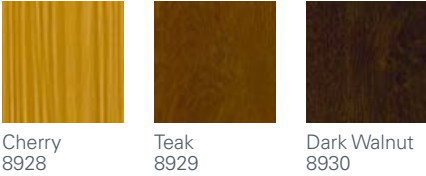
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



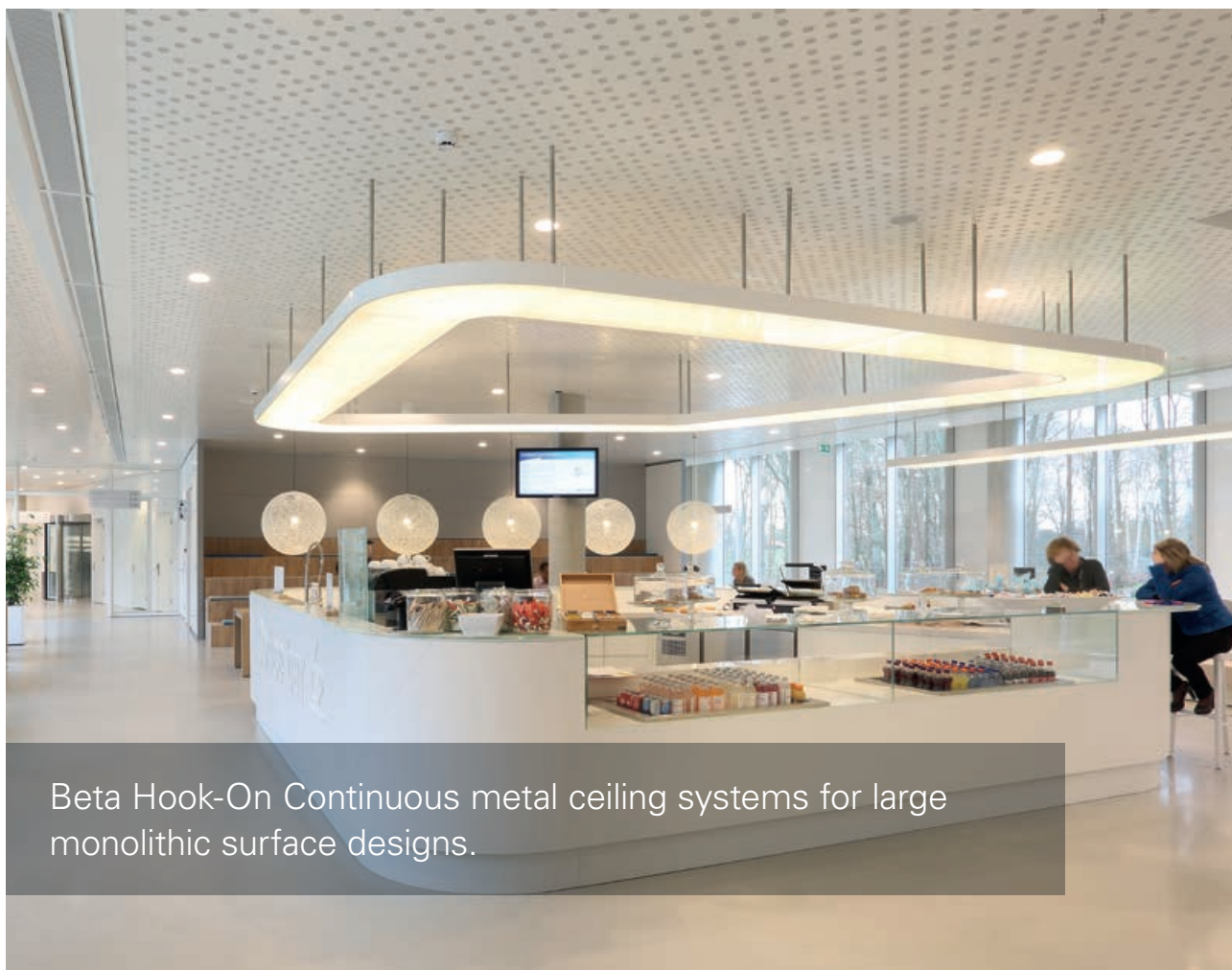
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Poortvrije Passages Amsterdam, The Netherlands; Hook-On panels - Architect: Benthem Crouwel Architects / Powerhouse Company / Merk X



Beta Hook-On Continuous metal ceiling systems for large monolithic surface designs.

Project: Headquarter European Grid Manager, Arnhem, The Netherlands - Product: Planks Beta B (Hook-On Continuous) - Architect: Studio Groen + Schild

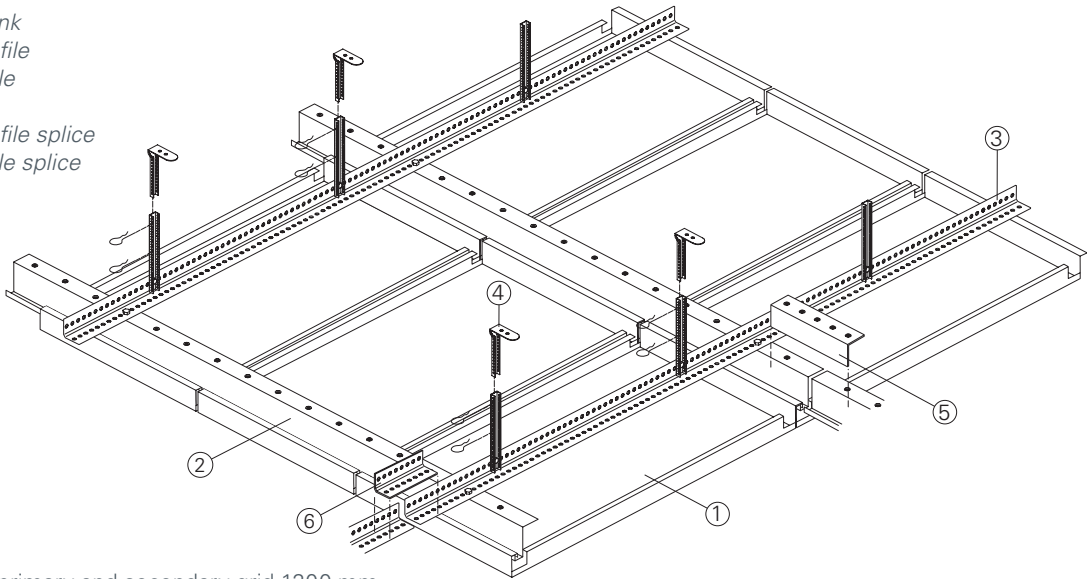
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

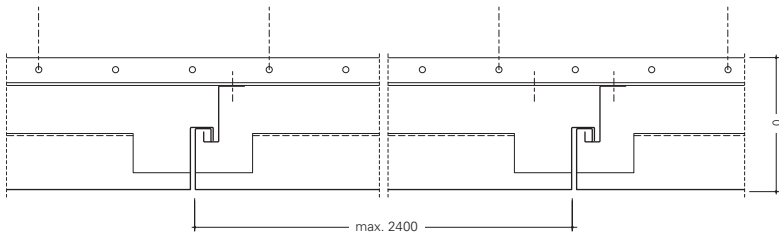
TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension
- 5 = Hook-On profile splice
- 6 = Primary profile splice



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm ⌘ 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm ⌘ 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm ⌘ 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
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- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

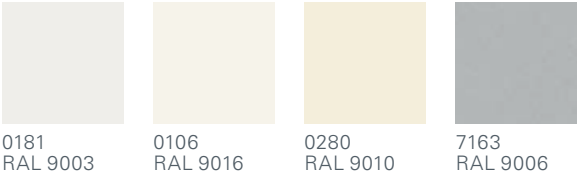
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



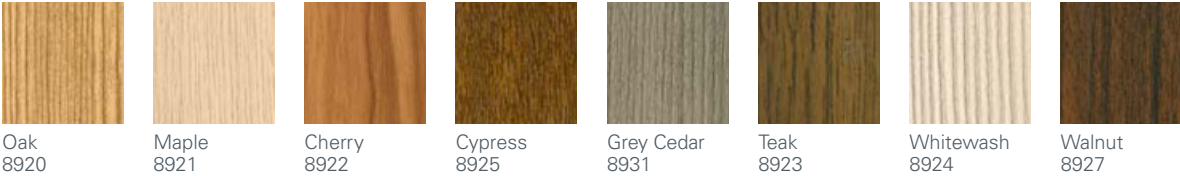
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



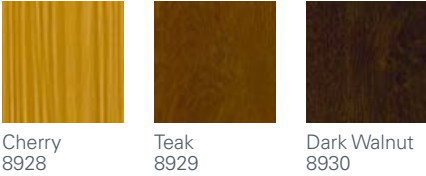
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



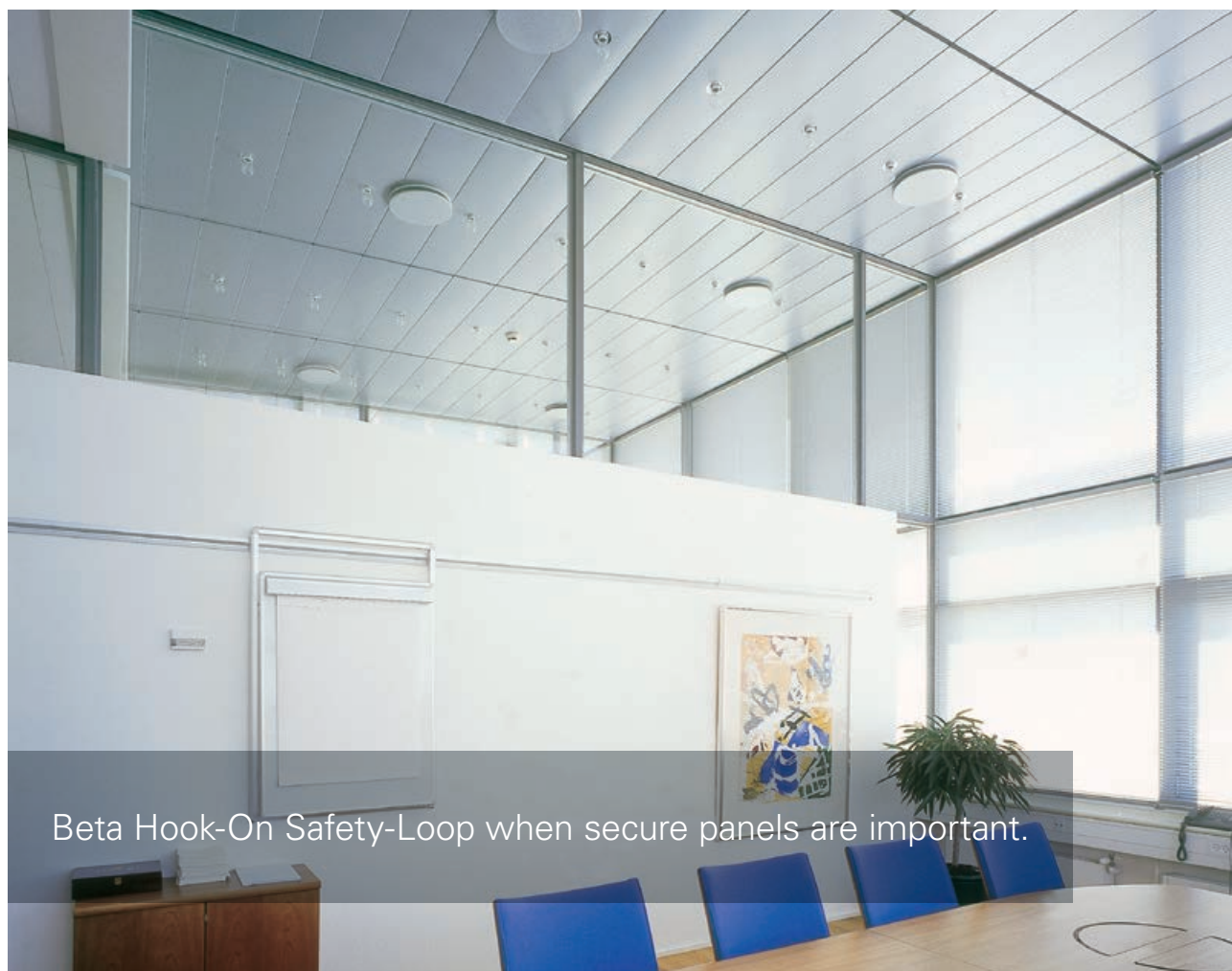
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Stare Bielany Metro Station, Warsaw, Poland - Product: Planks Beta B (Hook-On Continuous)



Beta Hook-On Safety-Loop when secure panels are important.

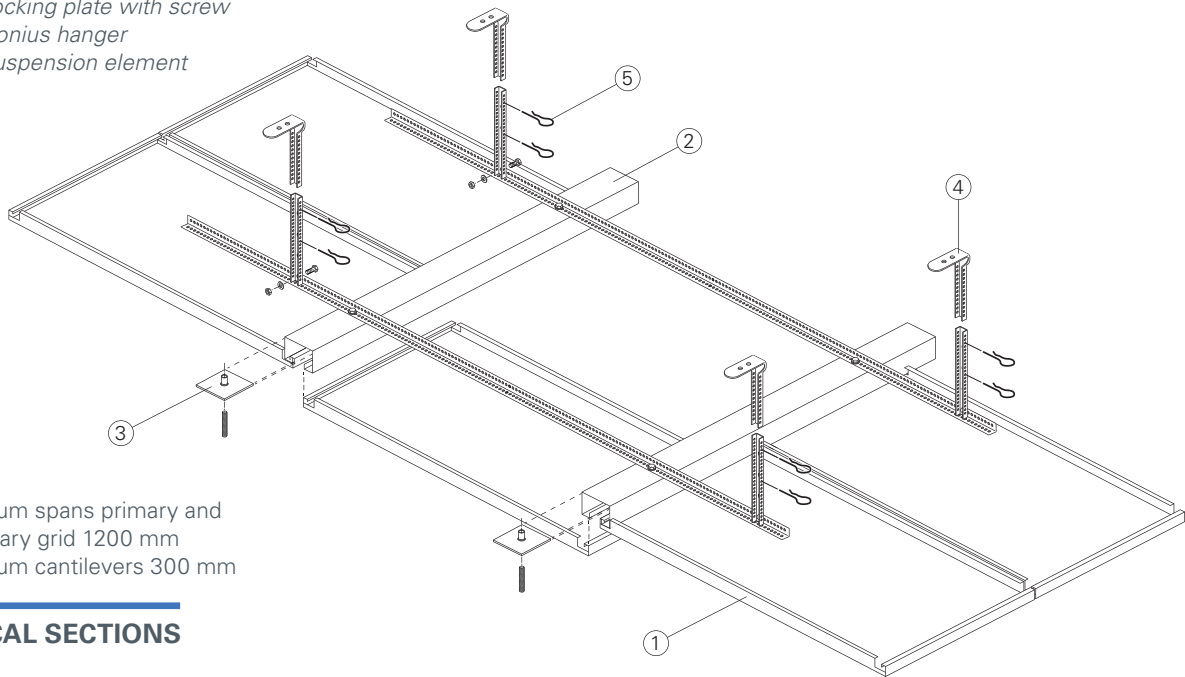
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Safety-Loop feature allows point-access and 100% access to plenum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

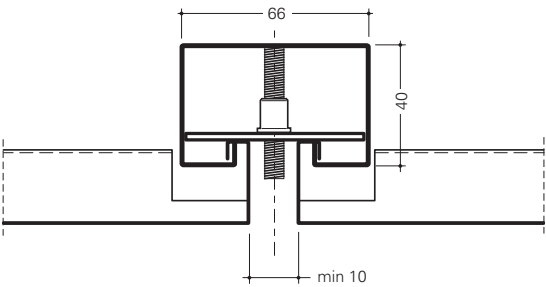
TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Safety-Loop profile
- 3 = Locking plate with screw
- 4 = Nonius hanger
- 5 = Suspension element



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm ⌘ 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm ⌘ 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm ⌘ 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

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- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

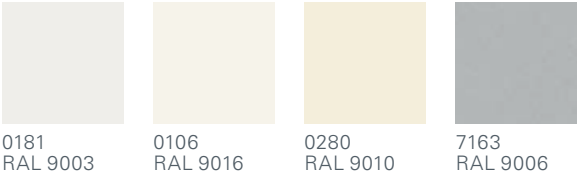
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



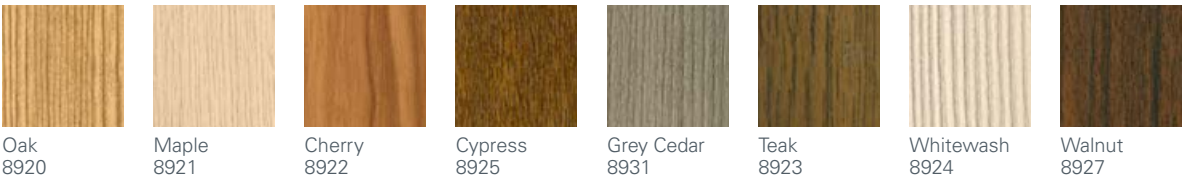
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



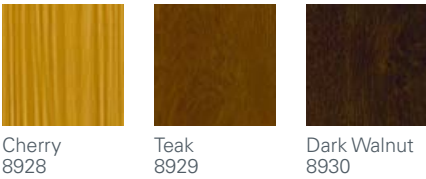
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

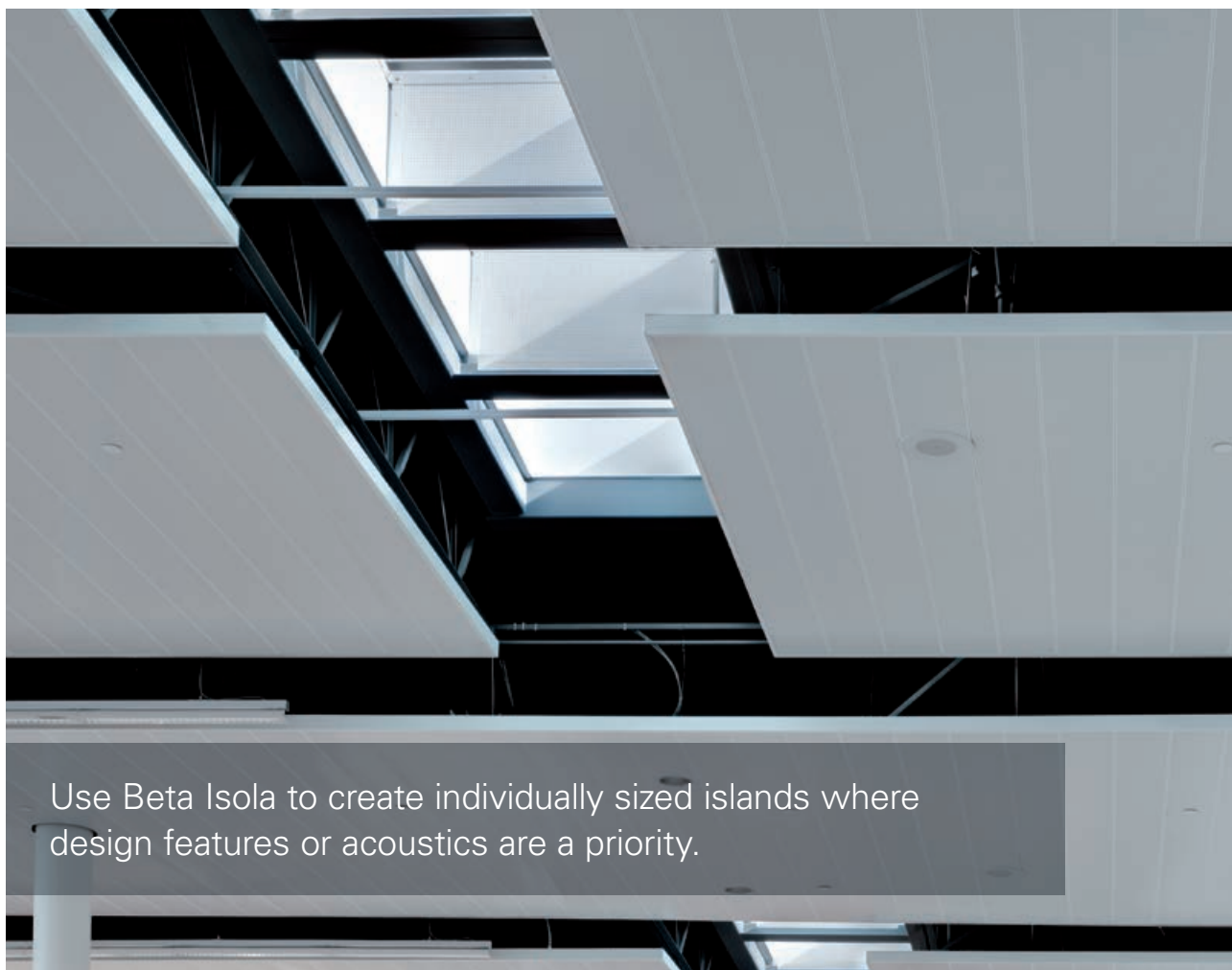


STAINLESS STEEL OPTIONS

Object shows reflectivity of finish







Use Beta Isola to create individually sized islands where design features or acoustics are a priority.

Project: Indianapolis Airport, Indianapolis, North America, USA - Product: Planks Beta (Isola) - Architect: AeroDesign Group and HOK

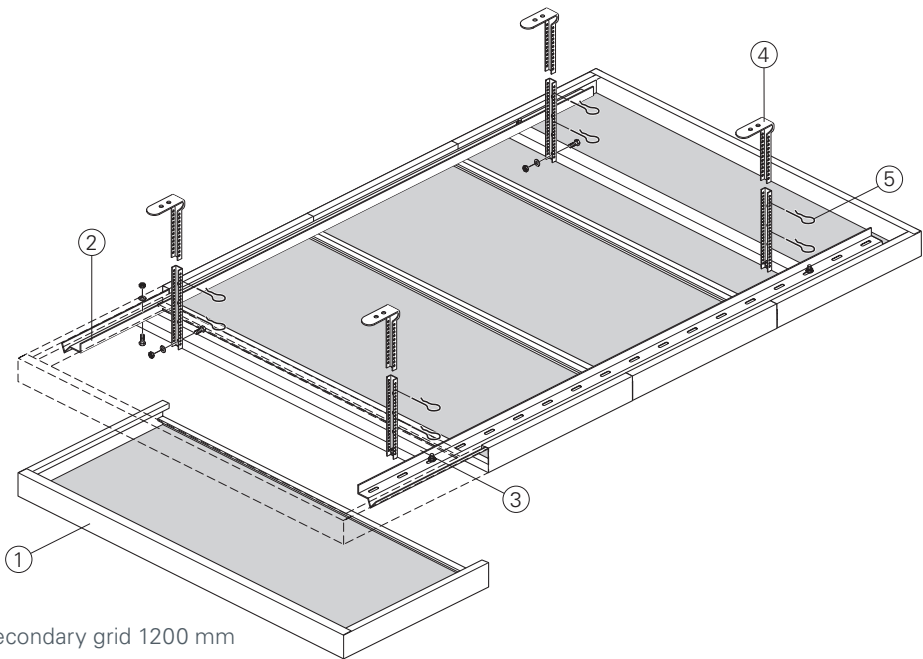
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 600 x 2000 mm *
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Hook-on feature allows point-access and 100% access to plenum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**Other dimensions on request*

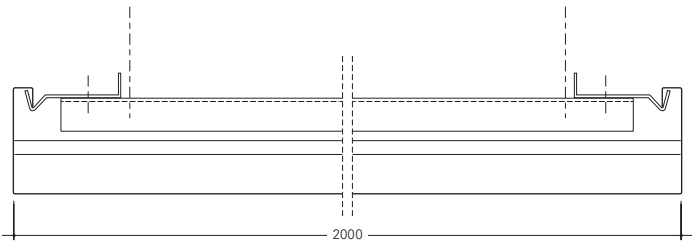
TYPICAL ISOMETRICS

- 1 = Beta Isola plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension
- 5 = Locking clips



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

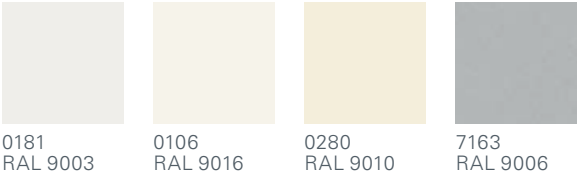
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



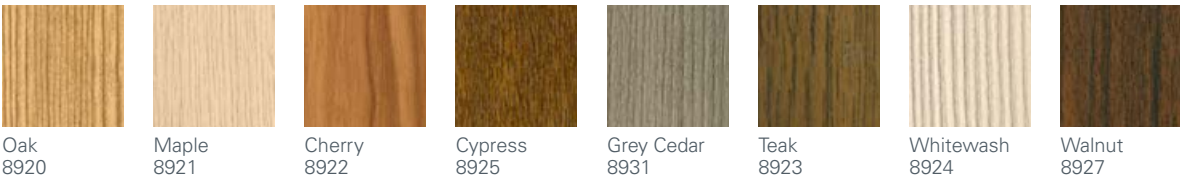
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



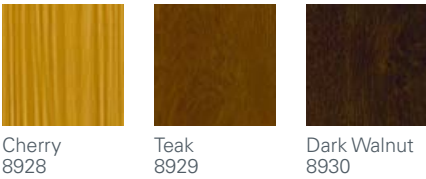
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



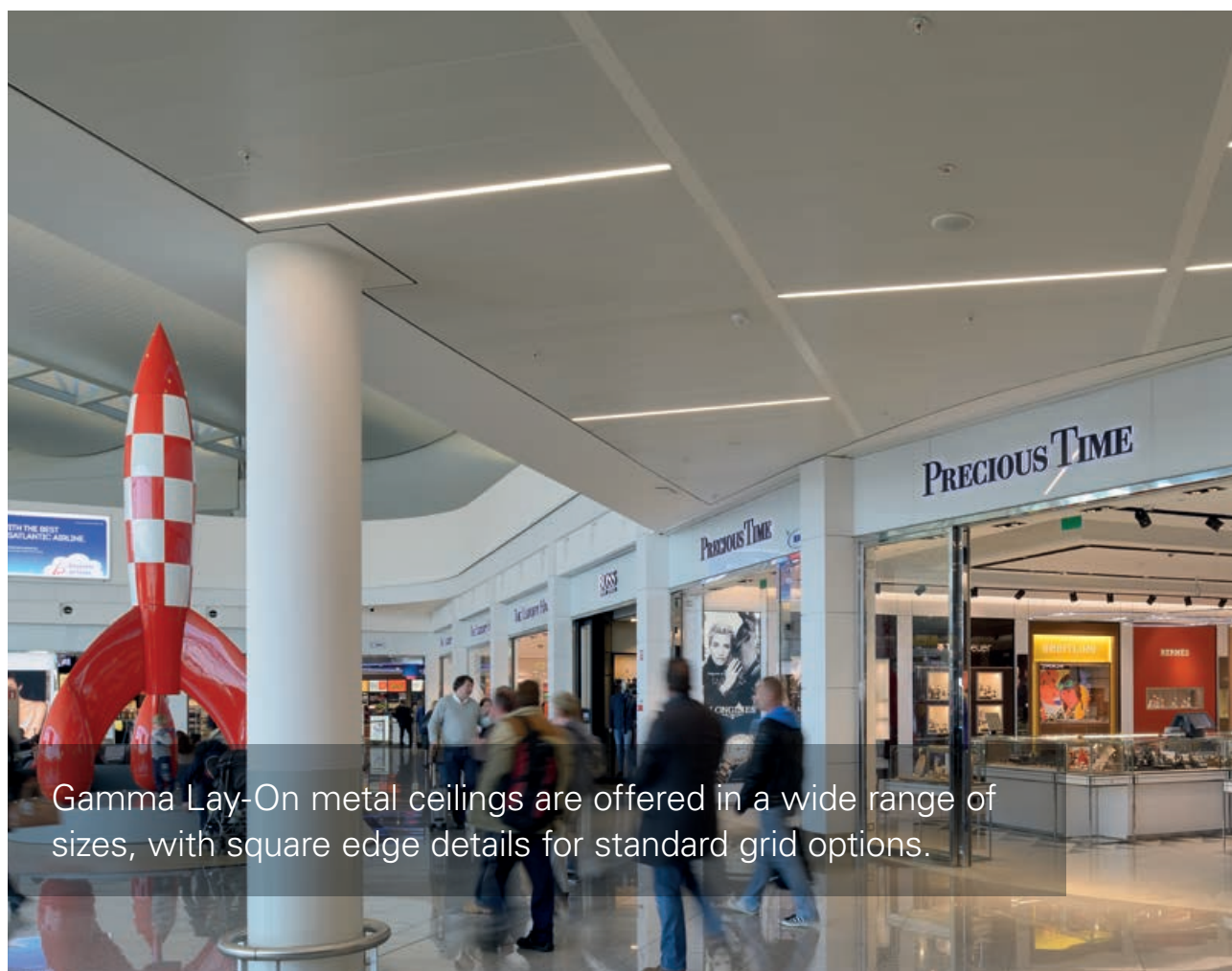
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Indianapolis Airport, Indianapolis, North America, USA - Product: Planks Beta (Isola) - Architect: AeroDesign Group and HOK



Gamma Lay-On metal ceilings are offered in a wide range of sizes, with square edge details for standard grid options.

Project: Brussels Airport Connector, Brussels, Belgium - Product: Planks Gamma (Lay-On planks) - Architect: Chapman Taylor Benelux

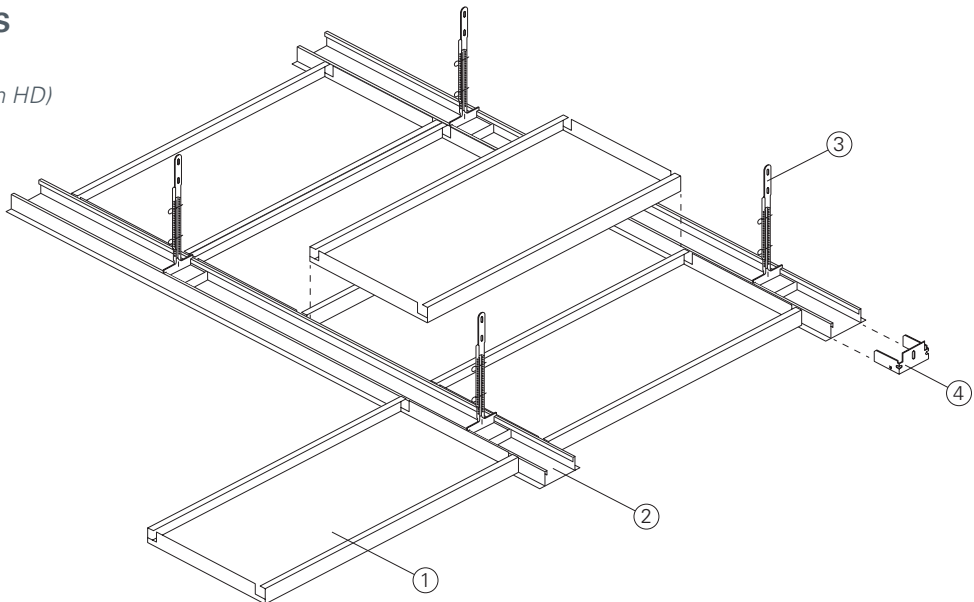
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight steel or aluminium
- Easy installation - no fasteners/tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

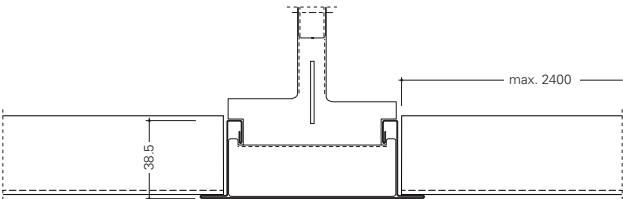
TYPICAL ISOMETRICS

- 1 = Lay-On Plank
- 2 = Bandraster profile (non HD)
- 3 = Suspension (non HD)
- 4 = Wall bracket (non HD)



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

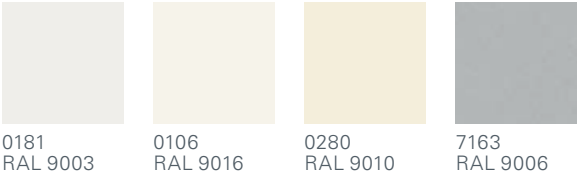
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

STANDARD PAINT COLOURS



CUSTOM COLOURS



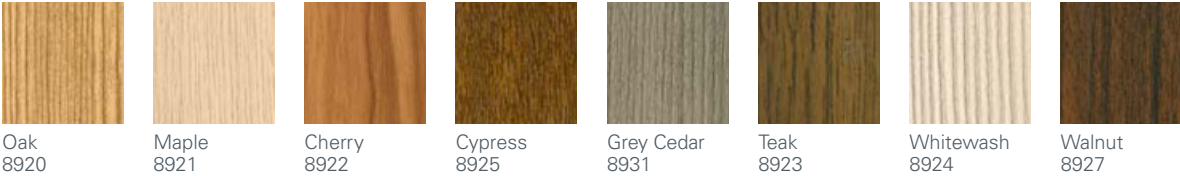
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



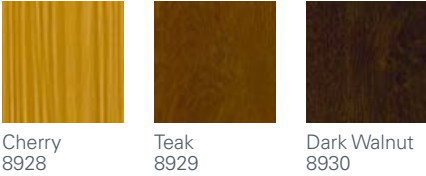
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



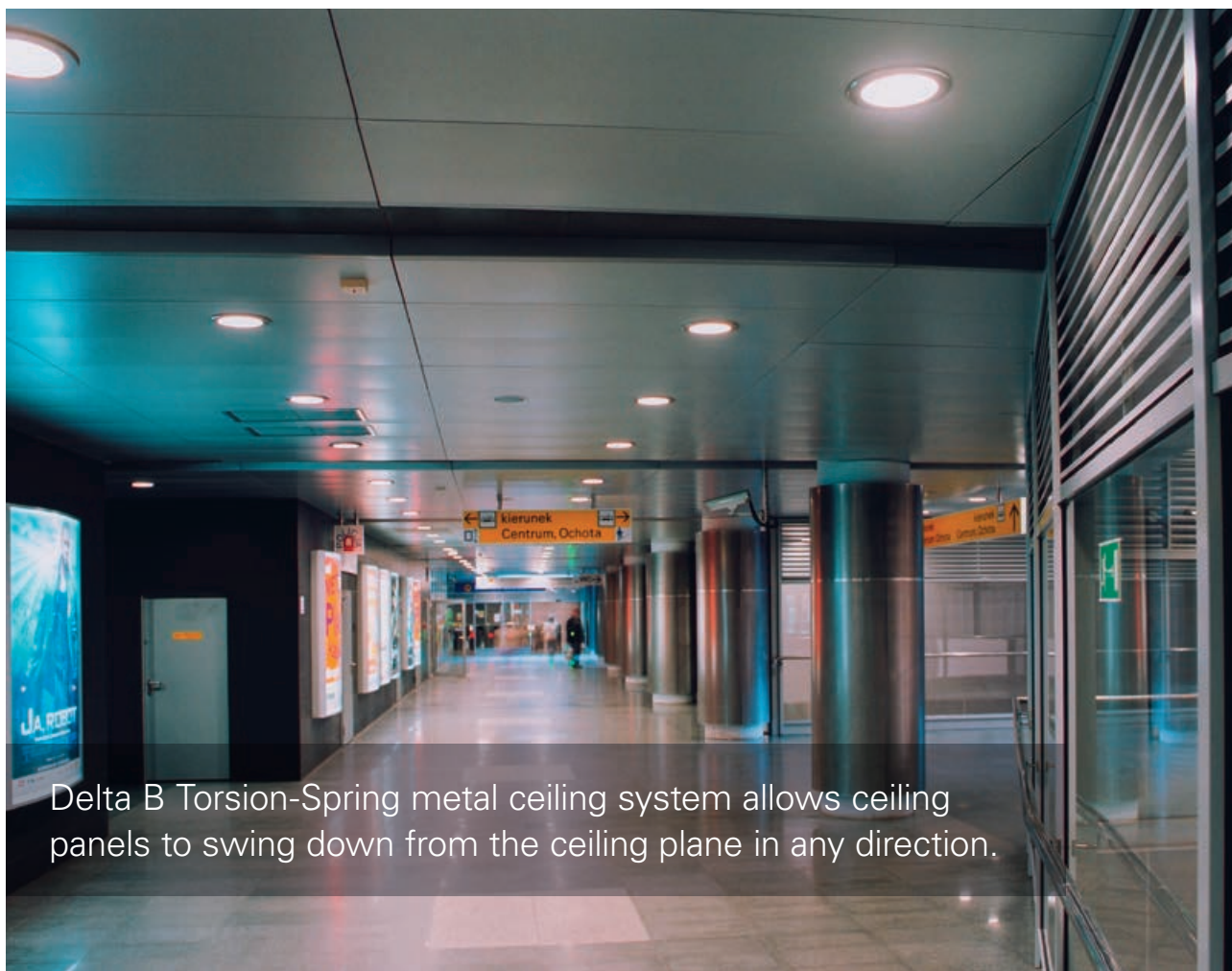
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Sint-Vincentius GZA Ziekenhuizen, Berchem, Belgium - Product: Planks Gamma (Lay-On planks) - Architect: Architectenbureau De Vloed



Delta B Torsion-Spring metal ceiling system allows ceiling panels to swing down from the ceiling plane in any direction.

Project: Gdanska underground station, Warsaw, Poland - Product: Planks Delta B (Torsion-Spring Continuous) - Architect: APA Kuryłowicz

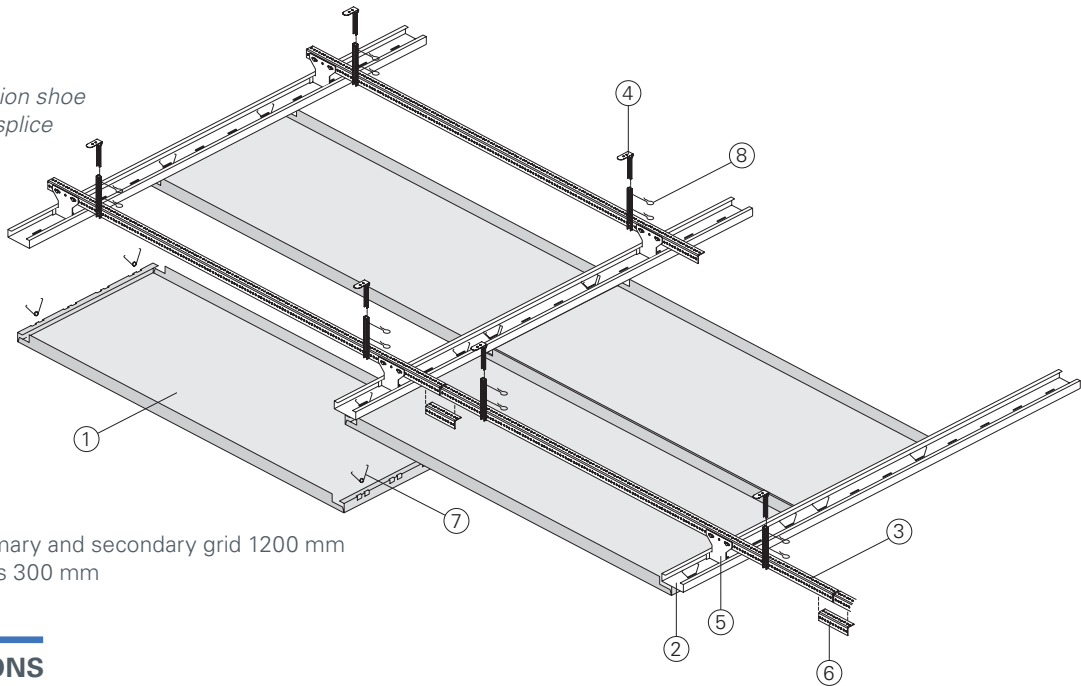
KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm*
- Torsion-Spring feature allows point-access and 100% access to plenum
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

**For large dimensions contact our sales unit*

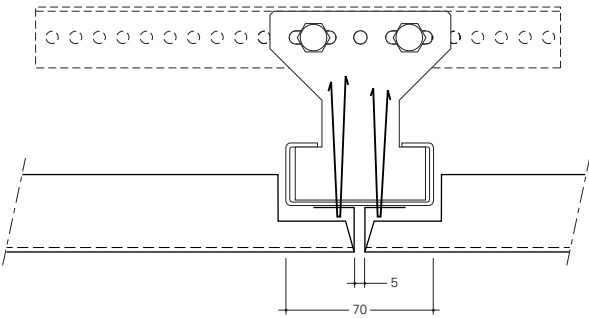
TYPICAL ISOMETRICS

- 1 = Delta B plank
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = Primary profile splice
- 7 = Torsion-Spring
- 8 = Locking clips



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm ⌘ 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm ⌘ 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm ⌘ 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

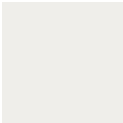
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

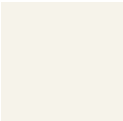
COLOURS AND FINISHES

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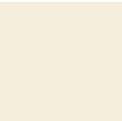
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS



DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Fonthill Cherry
8426



Walnut
8424



Amber Bamboo
8435



African Wenge
8944



Grey Barnwood
Cedar 8437



Golden Douglas
Fir 8436



American Oak
8439



Cajun Cypress
8442



Swamp
Cypress 8444



Clipper Teak
8446



Windjammer
Teak 8449



Douglas Fir
8452



Anigre
8453



Farm Maple
8458



Caravel Teak
8460



Regatta Teak
8461



Summer
Maple 8465



Terrace Maple
8466



Red River
Pecan 8467



Bayou Pecan
8468



Northwest
Mountain
Hemlock 8489



Whitewash
8498




Rustic Cherry
8939




Cherry
8942

LAMINATED (FILM) WOOD OPTIONS


Pre-painted coil with a PVC film finish, for interior only.




Oak
8920




Maple
8921




Cherry
8922



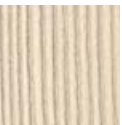
Cypress
8925



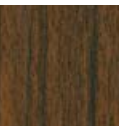
Grey Cedar
8931



Teak
8923




Whitewash
8924




Walnut
8927

COIL COATED WOOD-LOOK OPTIONS


Coil-coated paint finishes are suitable for interior applications.



Cherry
8928



Teak
8929



Dark Walnut
8930

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



Satin
7772C



Brushed
7774C



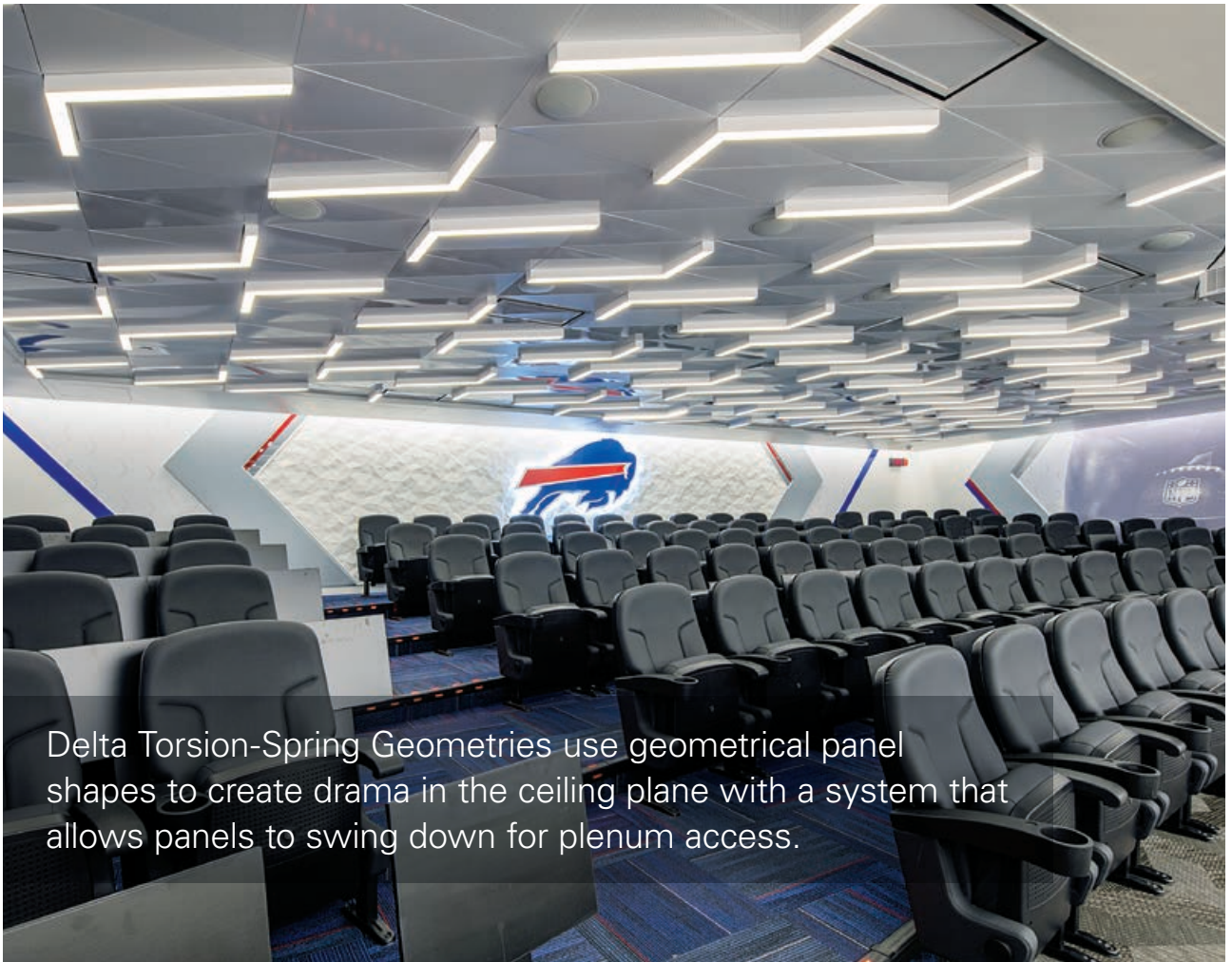
Bright
7776C



Mirror
7778C



Project: Shopping Center Gelderlandplein, Amsterdam, the Netherlands - Product: Planks Delta B (Torsion-Spring Continuous) - Architect: Rijnboutt



Delta Torsion-Spring Geometries use geometrical panel shapes to create drama in the ceiling plane with a system that allows panels to swing down for plenum access.

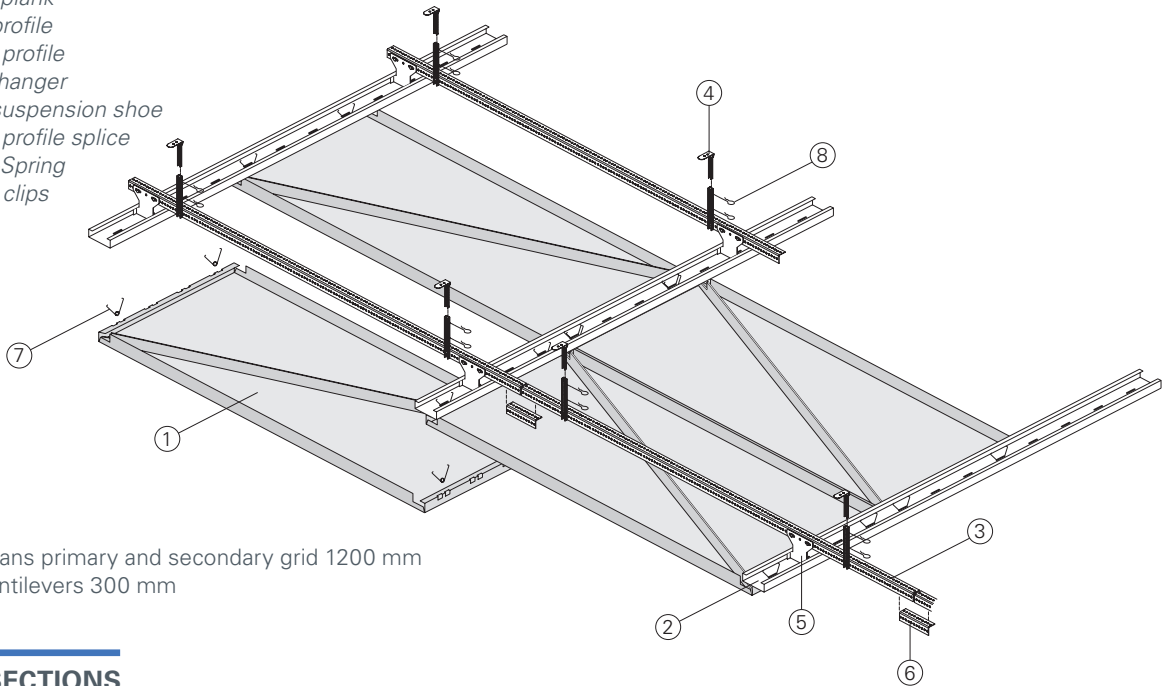
Project: ADPRO Sports Training Facility, Orchard Park, NY - Product: Torsion-Spring (Geometries) - Photo credit: Bob Perzel

KEY FEATURES

- Geometrically shaped panels
- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm
- Torsion-Spring feature allows point-access and 100% access to plenum
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

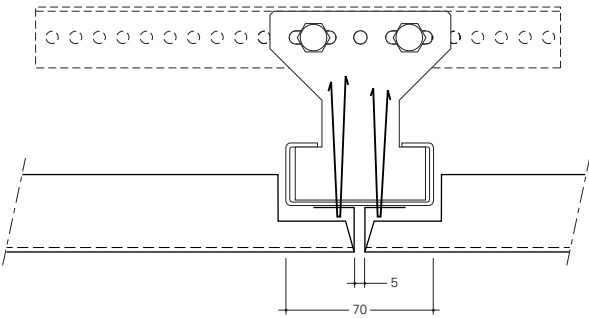
TYPICAL ISOMETRICS

- 1 = Delta G plank
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = Primary profile splice
- 7 = Torsion-Spring
- 8 = Locking clips



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm ⌘ 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm ⌘ 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm ⌘ 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

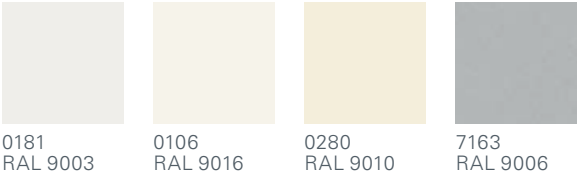
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



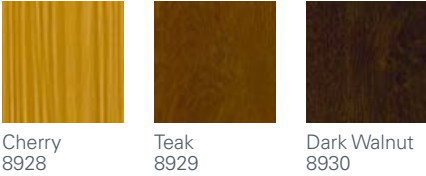
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

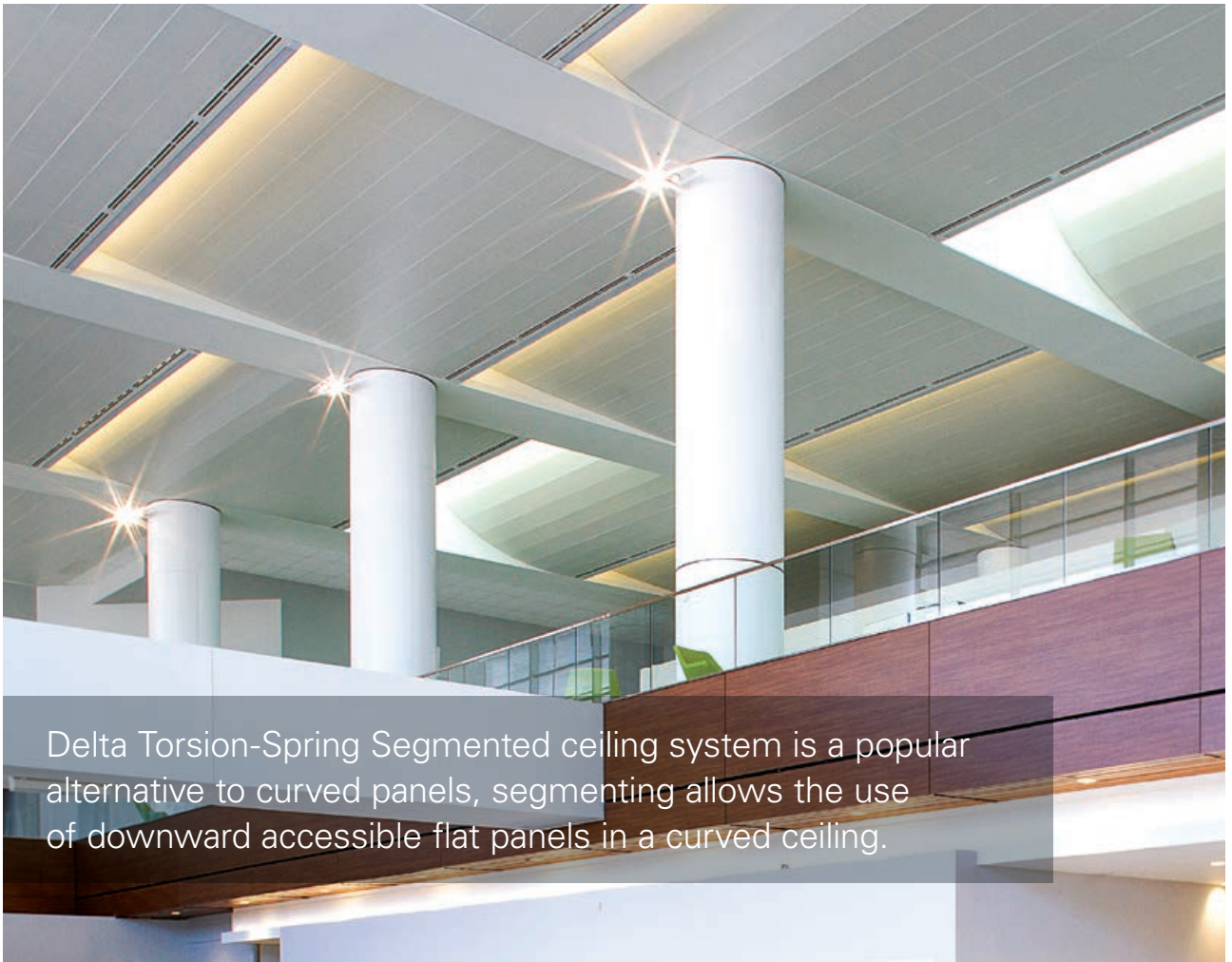


STAINLESS STEEL OPTIONS

Object shows reflectivity of finish







Delta Torsion-Spring Segmented ceiling system is a popular alternative to curved panels, segmenting allows the use of downward accessible flat panels in a curved ceiling.

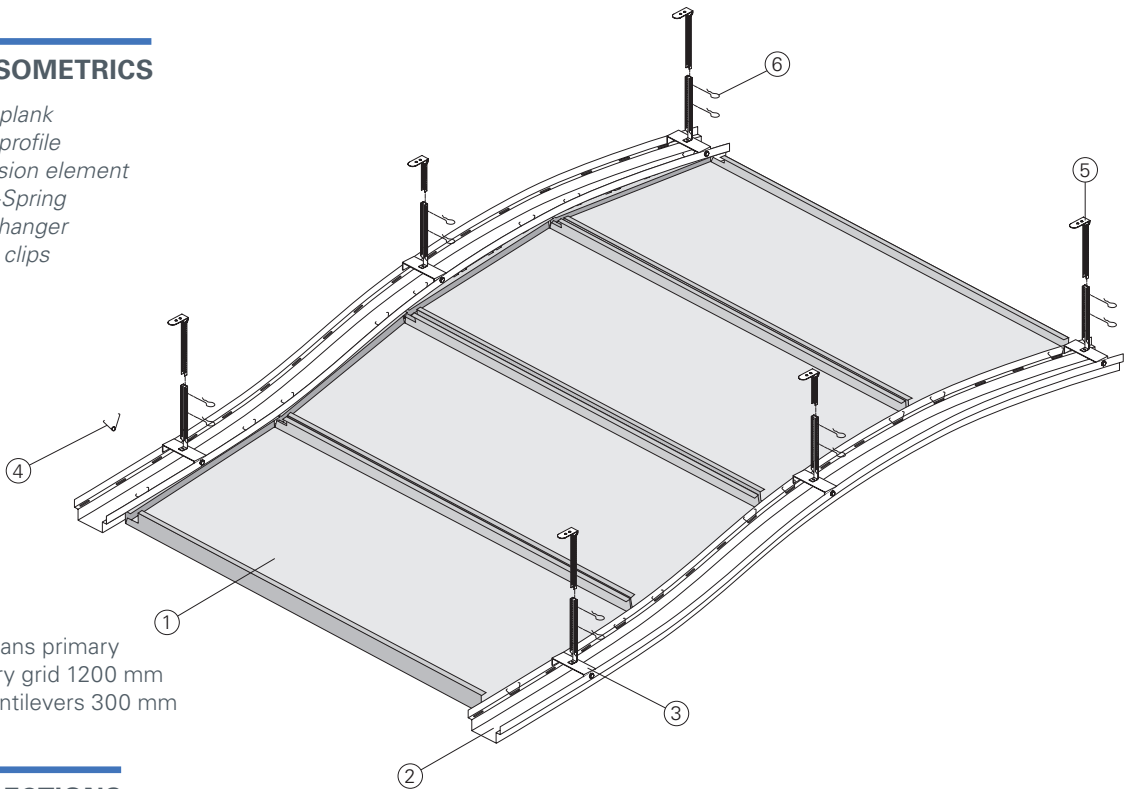
Project: PHX Sky Harbor Airport - Terminal 3, Phoenix, AZ - Product: Torsion-Spring (Segmented)

KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 2400 mm
- Torsion-Spring feature allows point-access and 100% access to plenum
- Square-edge design
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

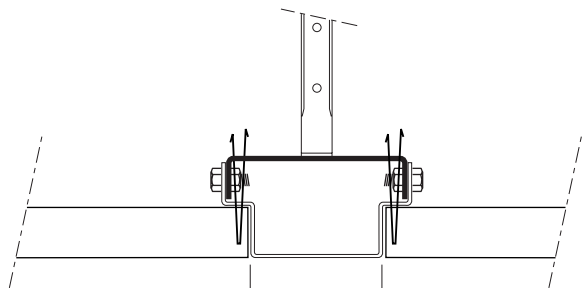
TYPICAL ISOMETRICS

- 1 = Delta S plank
- 2 = Curved profile
- 3 = Suspension element
- 4 = Torsion-Spring
- 5 = Nonius hanger
- 6 = Locking clips



Maximum spans primary
and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

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- EQ : Acoustic Performance

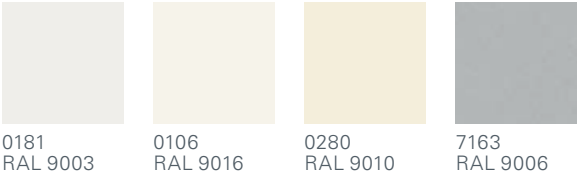
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



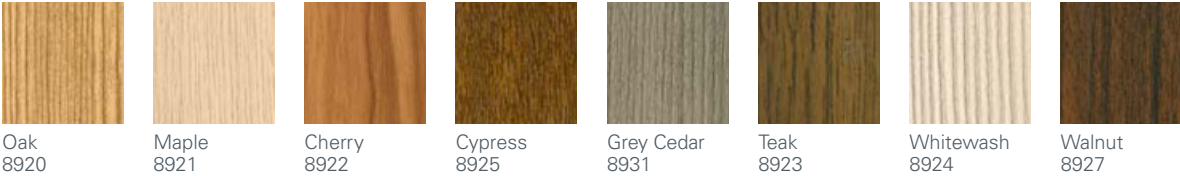
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



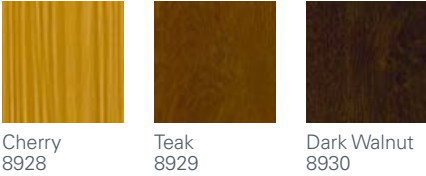
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

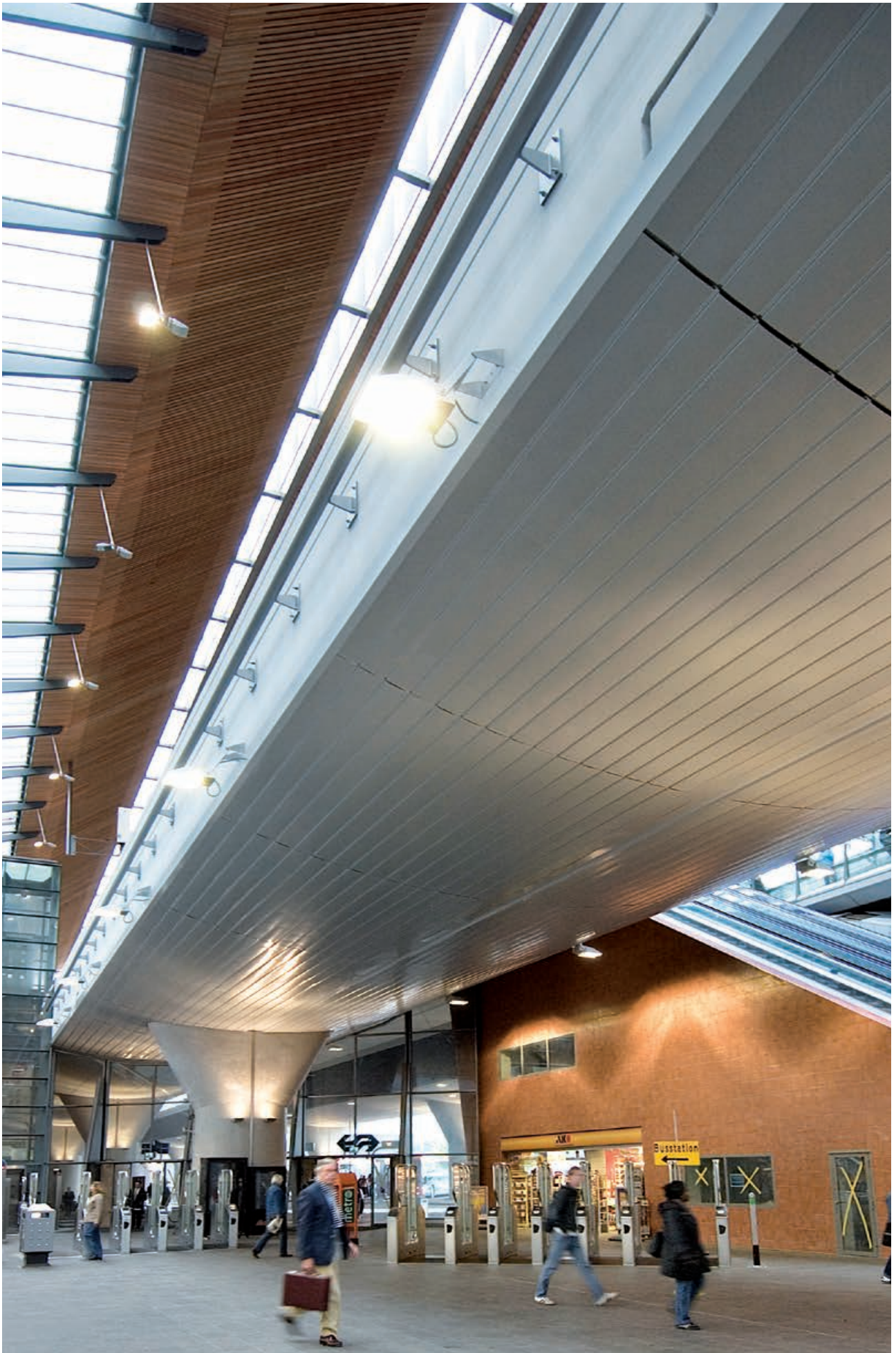
Coil-coated paint finishes are suitable for interior applications.



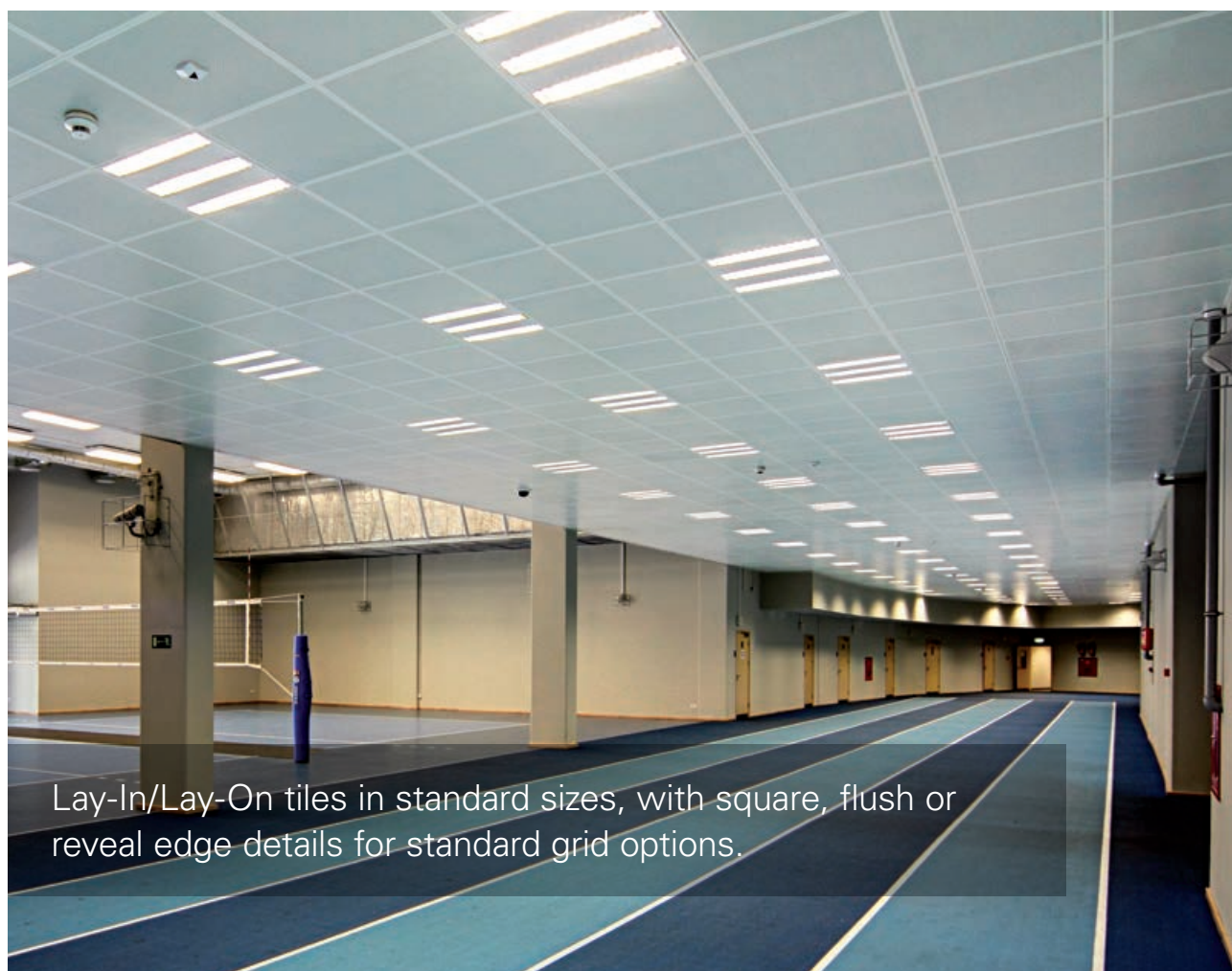
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Train station Bijlmer, Amsterdam, The Netherlands - Product: Planks Delta S (Segmented) - Architect: Nicholas Grimshaw and Arcadis



Lay-In/Lay-On tiles in standard sizes, with square, flush or reveal edge details for standard grid options.

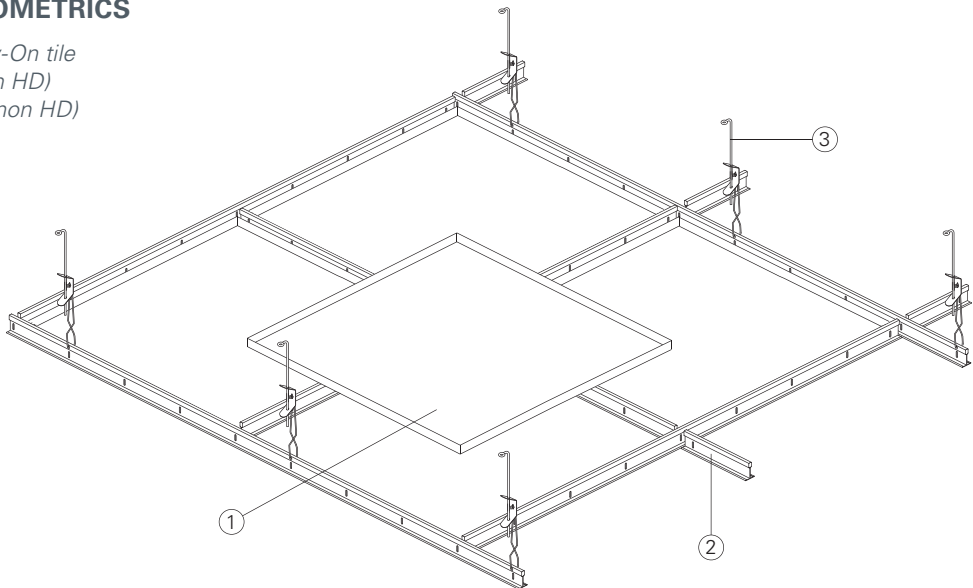
Project: Atlas Arena- Sport and Entertainment hall, Lodz, Poland - Product: Tiles (Lay-In/Lay-On) - Architect: ATJ

KEY FEATURES

- Standard dimension 600 x 600 mm
- Edge options: square, flush, reveal
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

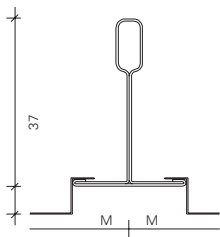
TYPICAL ISOMETRICS

- 1 = Lay-In/Lay-On tile
- 2 = T-grid (non HD)
- 3 = Hangers (non HD)



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 22%	D2022 Ø 2 mm ⌘ 5 ⇄ 5 Openness 22%	R1511 Ø 1.5 mm ⌘ 4 ⇄ 4 Openness 11%	R2011 Ø 2 mm ⌘ 5 ⇄ 5 Openness 11%	R2516 Ø 2.5 mm ⌘ 5.5 ⇄ 5.5 Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

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- EQ : Acoustic Performance

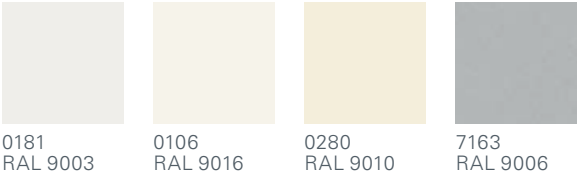
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



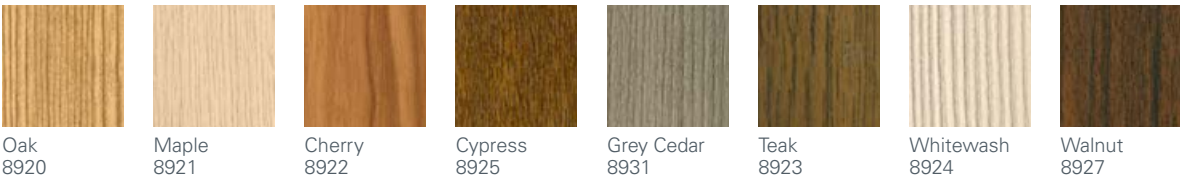
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



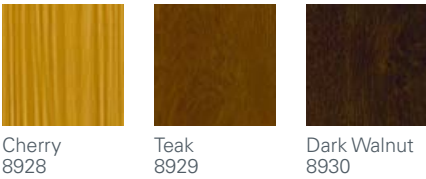
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



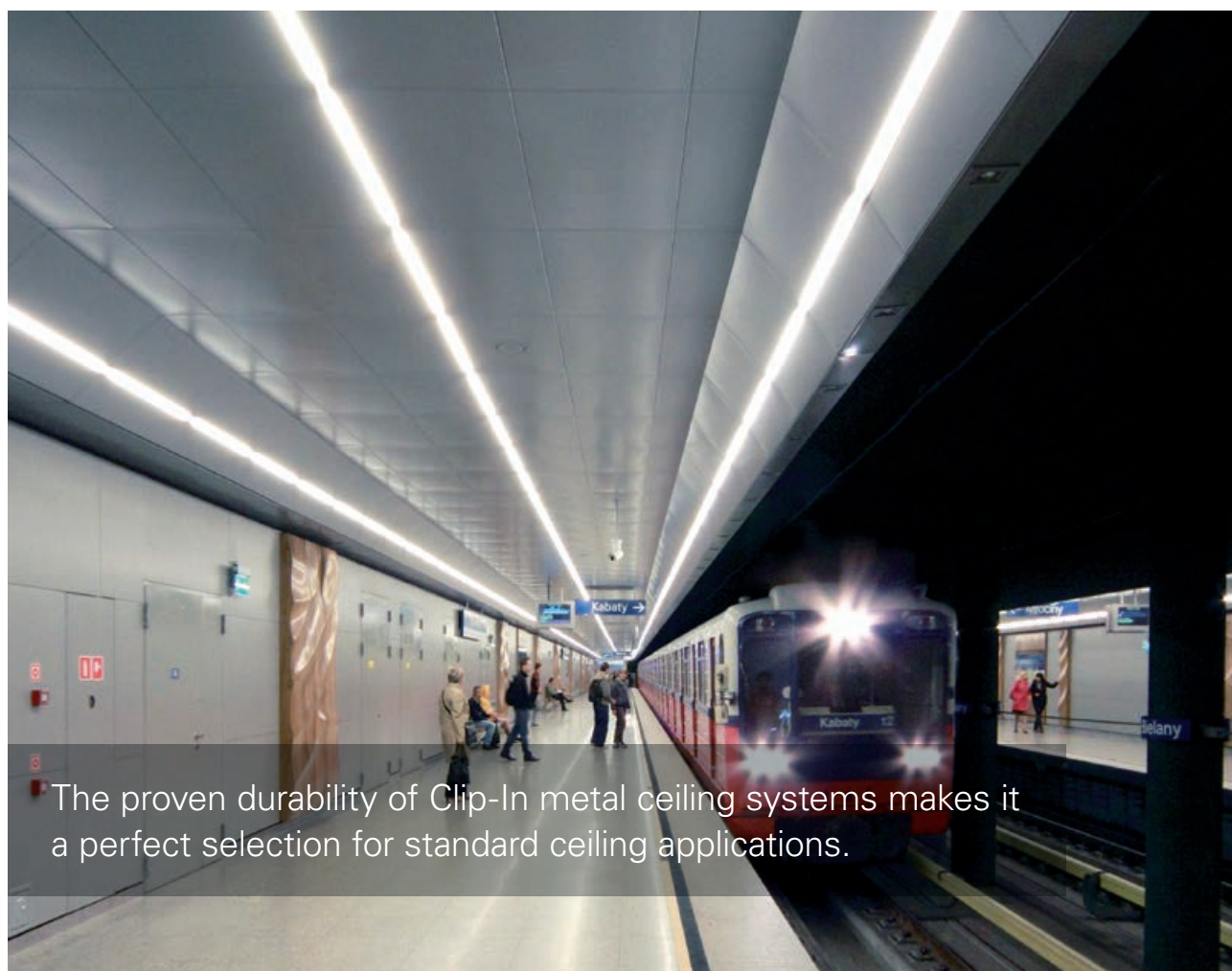
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Atlas Arena- Sport and Entertainment hall, Lodz, Poland - Product: Tiles (Lay-In/Lay-On) - Architect: ATJ



The proven durability of Clip-In metal ceiling systems makes it a perfect selection for standard ceiling applications.

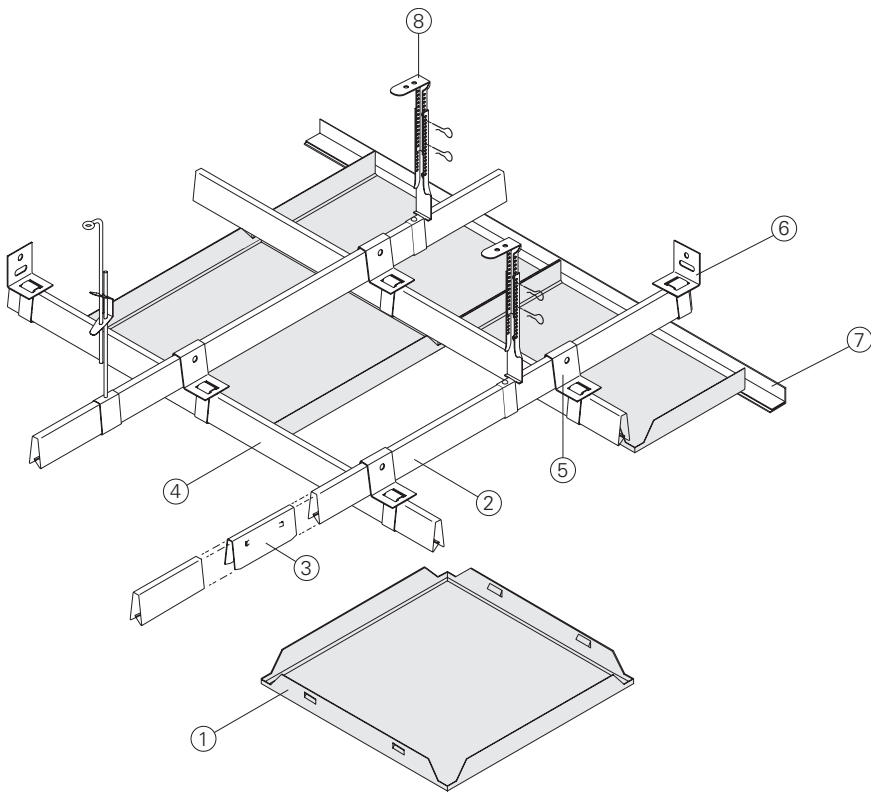
Project: Stare Bielany Metro Station, Warsaw, Poland - Product: Tile (Clip-In)

KEY FEATURES

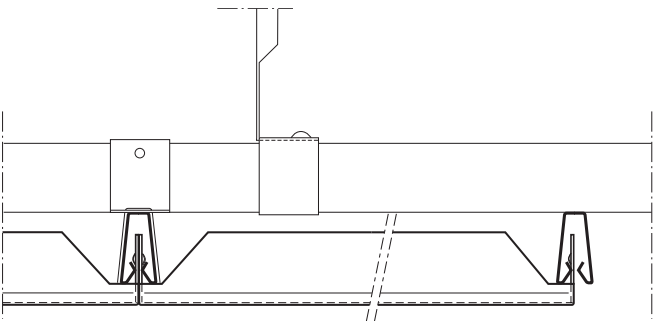
- Standard dimension 600 x 600 mm
- Bevelled edges
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Clip-In tile
- 2 = Primary profile
- 3 = Primary profile splice
- 4 = Clip-In profile
- 5 = Cross connector
- 6 = Wall bracket
- 7 = Edge trim profile
- 8 = Suspension



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

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- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

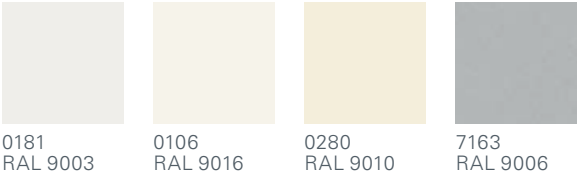
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



CUSTOM COLOURS



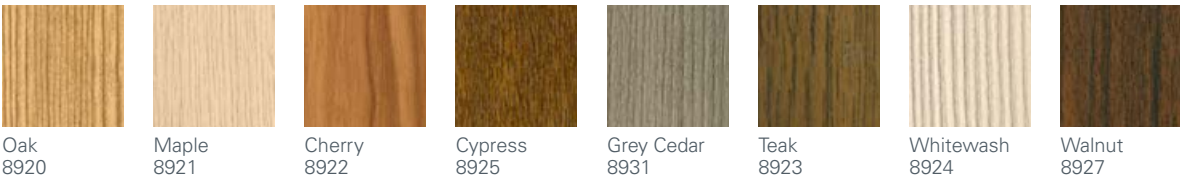
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



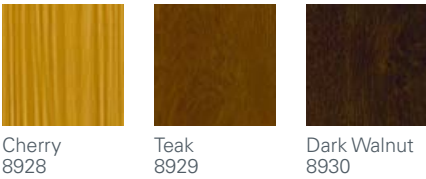
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Brussels Airport Connector, Brussels, Belgium - Product: Tile (Clip-In) - Architect: Chapman Taylor Benelux



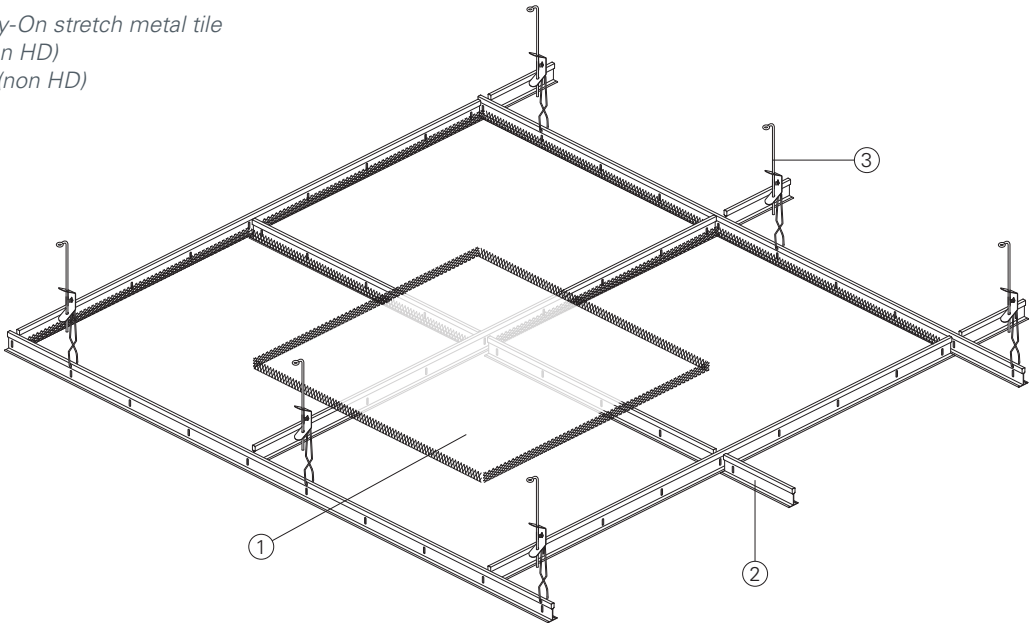
Project: Narodowy Football Stadium, Warsaw, Poland - Product: Stretch Metal Tiles (Lay-In/lay-On) - Architect: JSK

KEY FEATURES

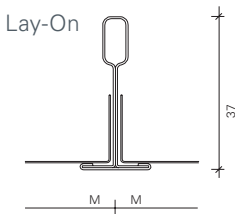
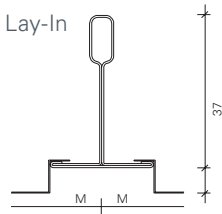
- Standard dimension 600 x 600 mm
- Edge options: square, flush, reveal
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Lay-In/Lay-On stretch metal tile
- 2 = T-grid (non HD)
- 3 = Hangers (non HD)



TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



LD6 (Fe)
Open area 40%,
Thickness 1.7 mm
Dimensions:
6 x 3.5 - 1.1 x 0.8
Weight 1.6 kg/m²



LS6 (Fe)
Open area 36%,
Thickness 1.7 mm
Dimensions:
6 x 4.5 - 1.2 x 1.0
Weight 1.3 kg/m²



LS8 (Fe+Al)
Open area 54%,
Thickness 1.9 mm
Dimensions:
8 x 6.0 - 1.2 x 1.0
Weight 1.7 kg/m²



LS10 (Fe)
Open area 57%,
Thickness 2.0 mm
Dimensions:
10 x 7.0 - 1.5 x 1.0
Weight 1.3 kg/m²

Lay-On only



LS12 (Fe+Al)
Open area 66%,
Thickness 2.0 mm
Dimensions:
12 x 9.5 - 1.6 x 1.0
Weight 1.7 kg/m²



LS16 (Fe)
Open area 46%,
Thickness 2.0 mm
Dimensions:
16 x 11.0 - 3.0 x 2.0
Weight 2.0 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

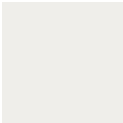
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

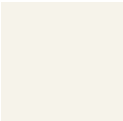
COLOURS AND FINISHES

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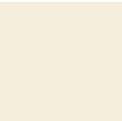
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: Biljartfabriek, Zwolle, The Netherlands - Product: Stretch Metal Tiles (Lay-In/ lay-On) - Architect: BDG Architecten



Alpha parallel and Alpha cross with stretch metal are designed to deliver great possibilities in terms of style and combinations.

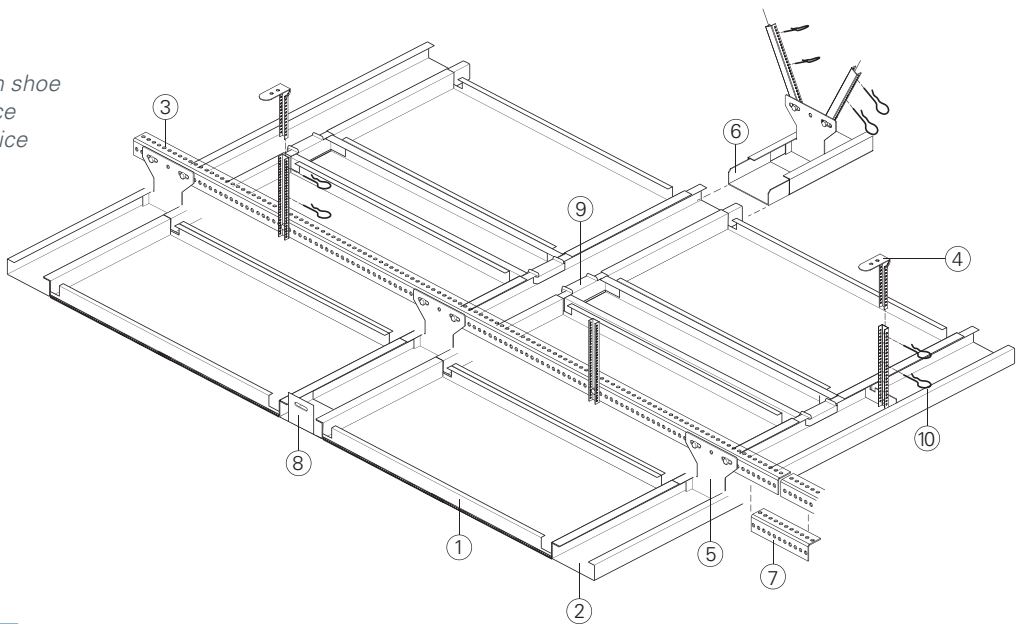
Project: Fair, Bologna, Italy - Product: Stretch Metal Alpha (Bandraster)

KEY FEATURES

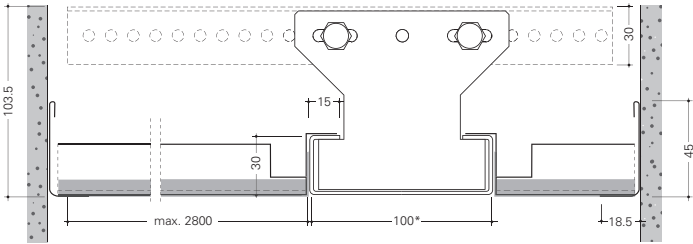
- Panel sizes:
 - without reinforcement maximum 500 x 1200 mm
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design in parallel or cross design installation
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = C-Grid panel
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = C-Grid profile splice
- 7 = Primary profile splice
- 8 = Wall bracket
- 9 = Cross connector
- 10= Locking clips



TYPICAL SECTIONS



*Other sizes on request (80 - 300 mm)

MESH PATTERNS

Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



LD6 (Fe)
Open area 40%,
Thickness 1.7 mm
Dimensions:
6 x 3.5 - 1.1 x 0.8
Weight 1.6 kg/m²



LS6 (Fe)
Open area 36%,
Thickness 1.7 mm
Dimensions:
6 x 4.5 - 1.2 x 1.0
Weight 1.3 kg/m²



LS8 (Fe+Al)
Open area 54%,
Thickness 1.9 mm
Dimensions:
8 x 6.0 - 1.2 x 1.0
Weight 1.7 kg/m²



LS10 (Fe)
Open area 57%,
Thickness 2.0 mm
Dimensions:
10 x 7.0 - 1.5 x 1.0
Weight 1.3 kg/m²



LS12 (Fe+Al)
Open area 66%,
Thickness 2.0 mm
Dimensions:
12 x 9.5 - 1.6 x 1.0
Weight 1.7 kg/m²



LS16 (Fe)
Open area 46%,
Thickness 2.0 mm
Dimensions:
16 x 11.0 - 3.0 x 2.0
Weight 2.0 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM

REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

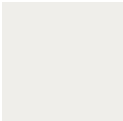
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

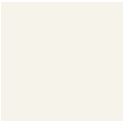
COLOURS AND FINISHES

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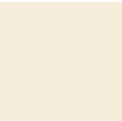
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



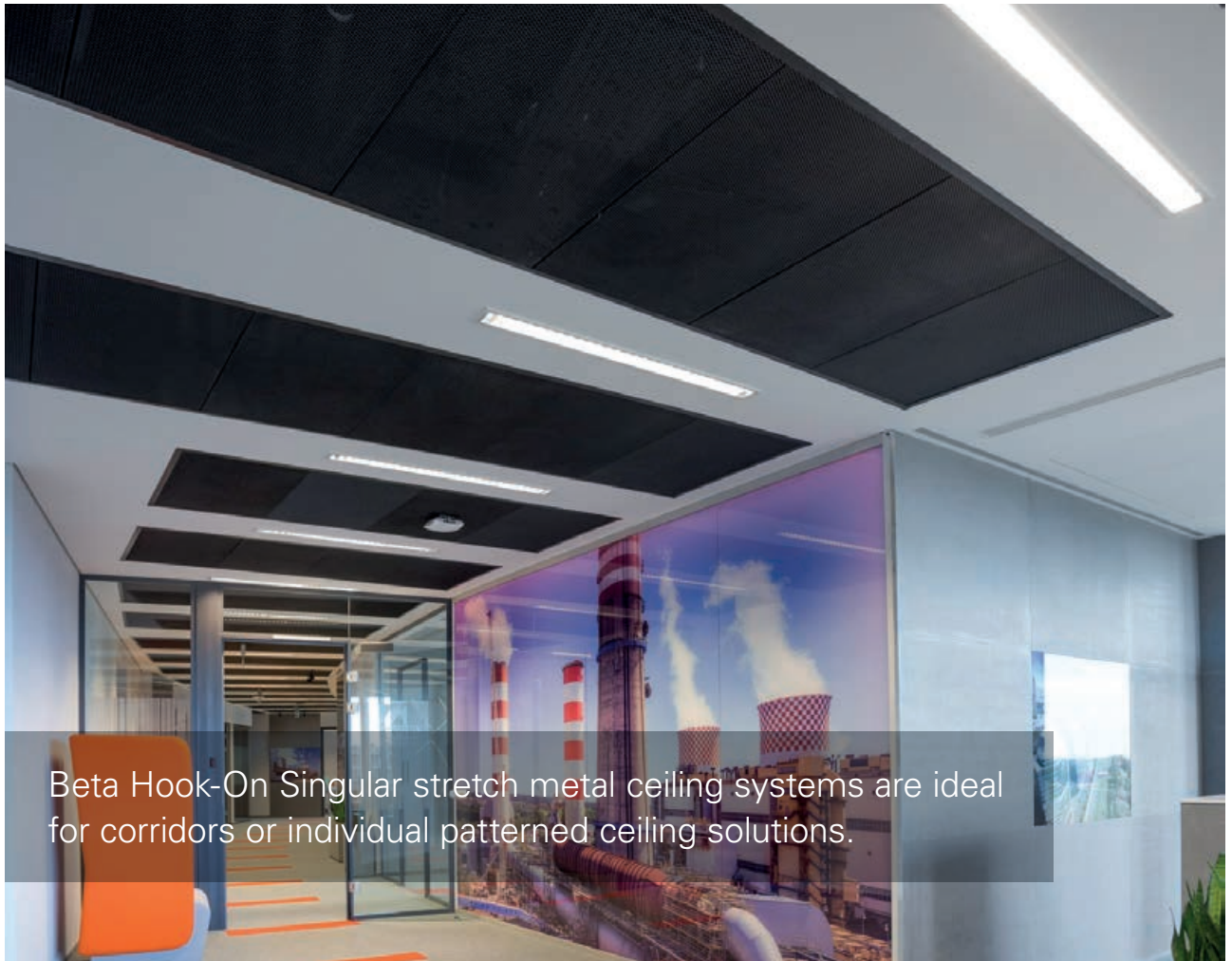
7163
RAL 9006

CUSTOM COLOURS





Project: Fair, Bologna, Italy - Product: Stretch Metal Alpha (Bandraster)



Beta Hook-On Singular stretch metal ceiling systems are ideal for corridors or individual patterned ceiling solutions.

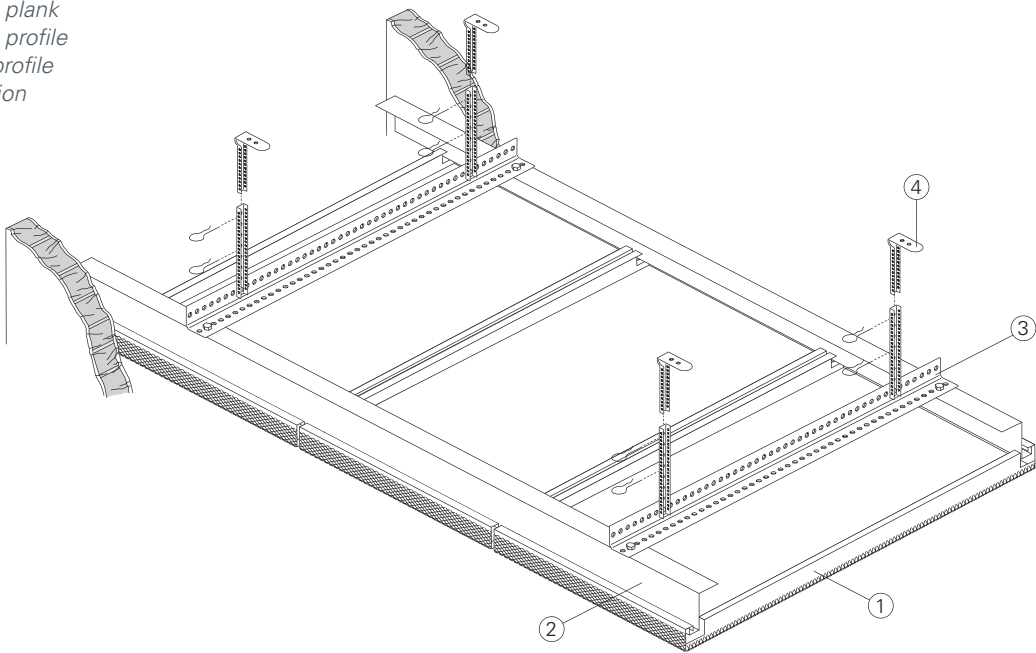
Project: Royal Wilanów office building, Warsaw, Poland - Product: Stretch Metal Alpha (Hook-On Singular Type 1) - Architect: JEMS Architekci

KEY FEATURES

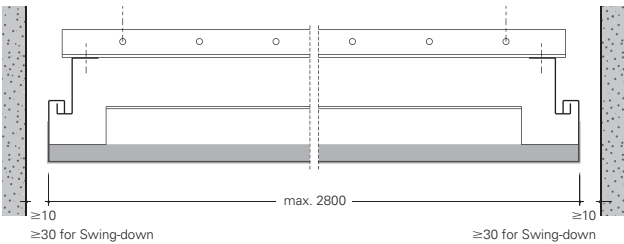
- Panel sizes:
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Hook-On feature allows point-access and 100% access to plenum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension

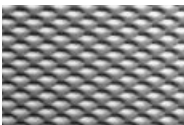


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



LD6 (Fe)
Open area 40%,
Thickness 1.7 mm
Dimensions:
6 x 3.5 - 1.1 x 0.8
Weight 1.6 kg/m²



LS6 (Fe)
Open area 36%,
Thickness 1.7 mm
Dimensions:
6 x 4.5 - 1.2 x 1.0
Weight 1.3 kg/m²



LS8 (Fe+Al)
Open area 54%,
Thickness 1.9 mm
Dimensions:
8 x 6.0 - 1.2 x 1.0
Weight 1.7 kg/m²



LS10 (Fe)
Open area 57%,
Thickness 2.0 mm
Dimensions:
10 x 7.0 - 1.5 x 1.0
Weight 1.3 kg/m²



LS12 (Fe+Al)
Open area 66%,
Thickness 2.0 mm
Dimensions:
12 x 9.5 - 1.6 x 1.0
Weight 1.7 kg/m²



LS16 (Fe)
Open area 46%,
Thickness 2.0 mm
Dimensions:
16 x 11.0 - 3.0 x 2.0
Weight 2.0 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

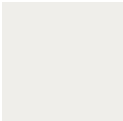
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

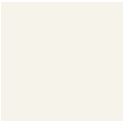
COLOURS AND FINISHES

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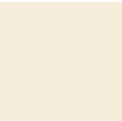
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



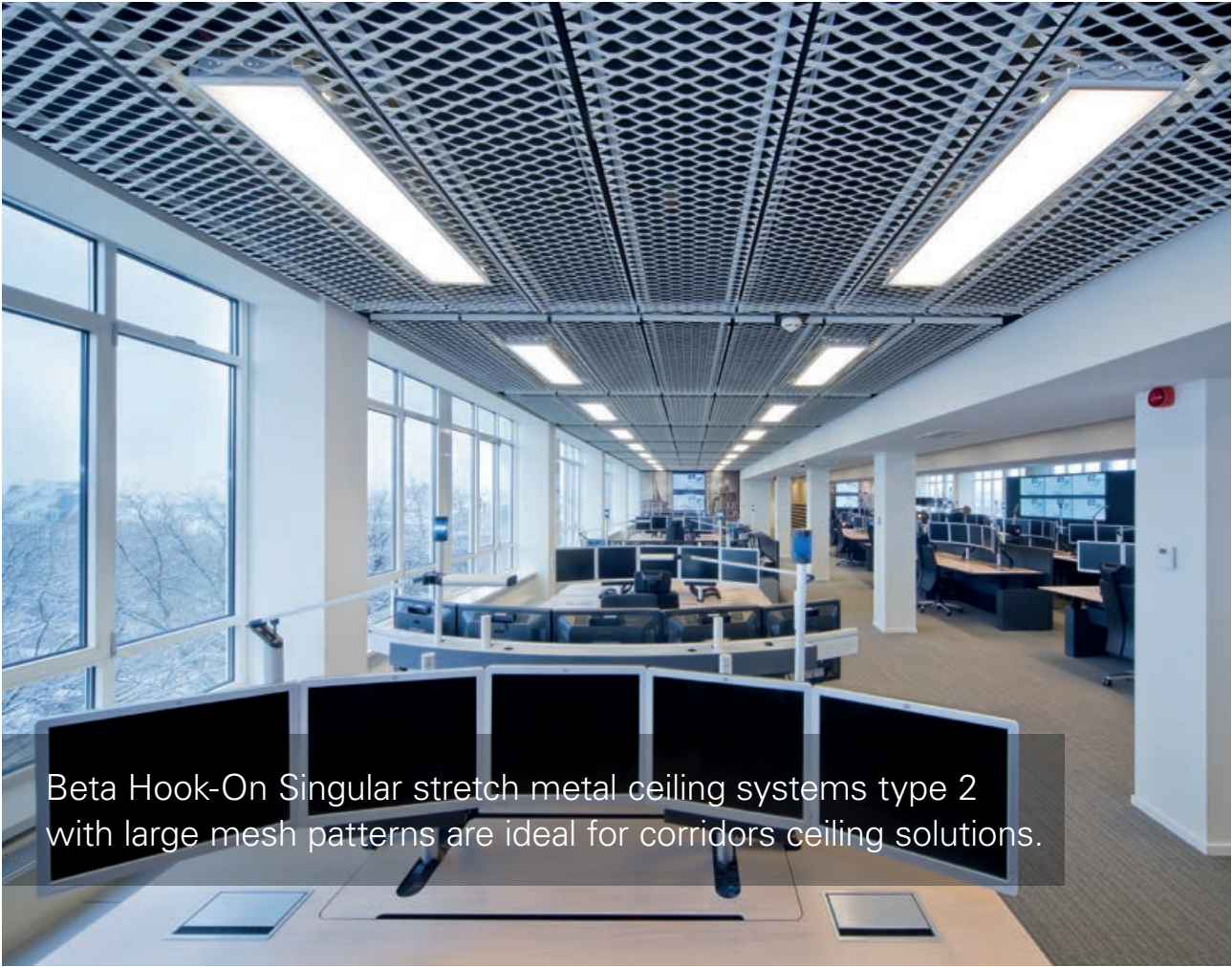
7163
RAL 9006

CUSTOM COLOURS





Project: Royal Wilanów office building, Warsaw, Poland - Product: Stretch Metal Alpha (Hook-On Singular Type 1) - Architect: JEMS Architekci



Beta Hook-On Singular stretch metal ceiling systems type 2 with large mesh patterns are ideal for corridors ceiling solutions.

Project: RPAA, Control Room Police, Fire en Ambulance, Amsterdam, the Netherlands - Product: Stretch Metal Beta A (Hook-On Singular Type 2)
Architect: Architectenbureau De Twee Snoeken

KEY FEATURES

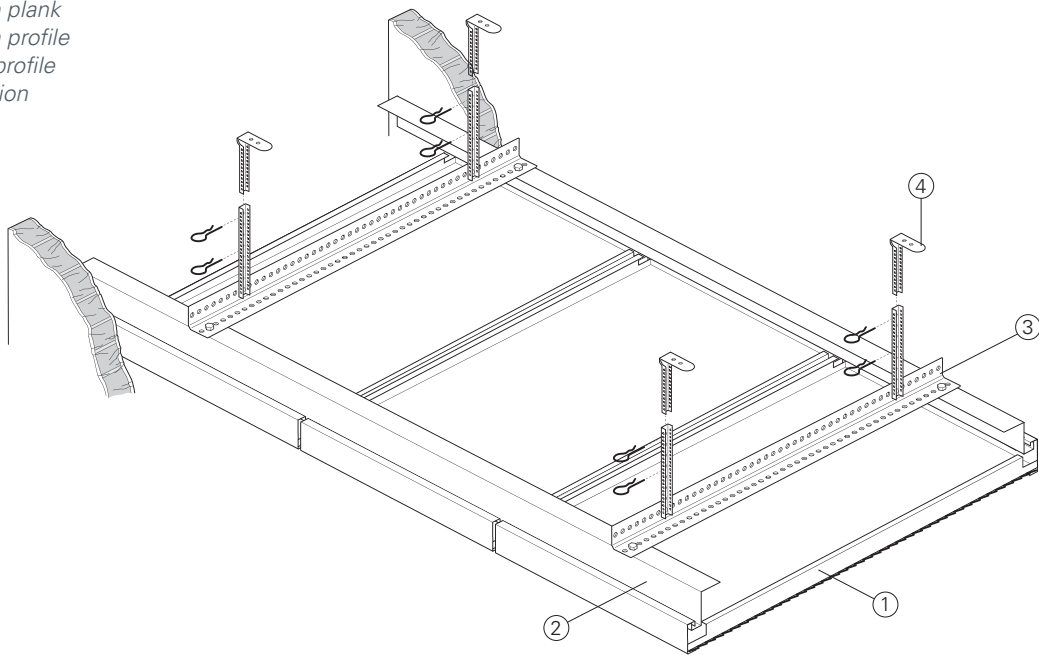
- Panel sizes:
 - with reinforcement maximum 680 x 2800 mm (depends on mesh type)
 - Flat sheets with welded reinforcement profiles
 - Mesh panels with lay-on pads for acoustic control
 - On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
 - Hook-On feature allows point-access and 100% access to plenum
 - Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

DIMENSIONAL LIMITS FOR STEEL STRETCH METAL PANELS TYPE 2

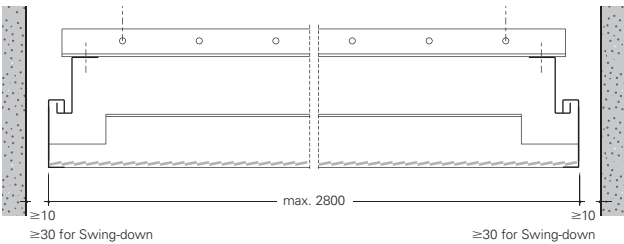
Mesh Patterns	Min. Width	Max. Width	Min. Length	Max. Length
New York	340 mm	680 mm	595 mm	2800 mm
Dubai	310 mm	620 mm	598 mm	2783 mm
Moscow	308 mm	588 mm	600 mm	2800 mm
Rotterdam	300 mm	600 mm	600 mm	2800 mm

TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension



TYPICAL SECTIONS

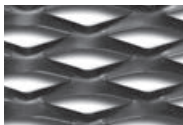


MESH PATTERNS

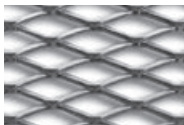
Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



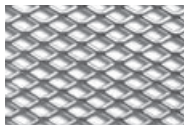
New York
Open area 48%,
Thickness 1.7 mm
Dimensions:
85 x 35 - 11 x 2
Weight
(Al) 2.6/3.4 kg/m²
(Fe) 7.8/10.2 kg/m²



Dubai
Open area 36%,
Thickness 1.5 mm
Dimensions:
62 x 23 - 8 x 1.5
Weight
(Al) 2.7/3.6 kg/m²
(Fe) 8.2/11.2 kg/m²



Moscow
Open area 55%,
Thickness 1.5 mm
Dimensions:
28 x 10 - 2 x 1.5
Weight
(Al) 1.7/2.4 kg/m²
(Fe) 4.2/6.4 kg/m²



Rotterdam
Open area 50%,
Thickness 1.0 mm
Dimensions:
20 x 10 - 2.5 x 1.0
Weight
(Al) 2.4 kg/m²
(Fe) 5.4 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
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- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
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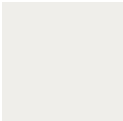
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

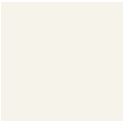
COLOURS AND FINISHES

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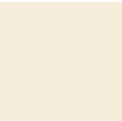
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: RPAA, Control Room Police, Fire en Ambulance, Amsterdam, the Netherlands - Product: Stretch Metal Beta A (Hook-On Singular Type 2)
Architect: Architectenbureau De Twee Snoeken



Beta Hook-On Continuous stretch metal ceiling systems for large surface designs with distinct joint pattern.

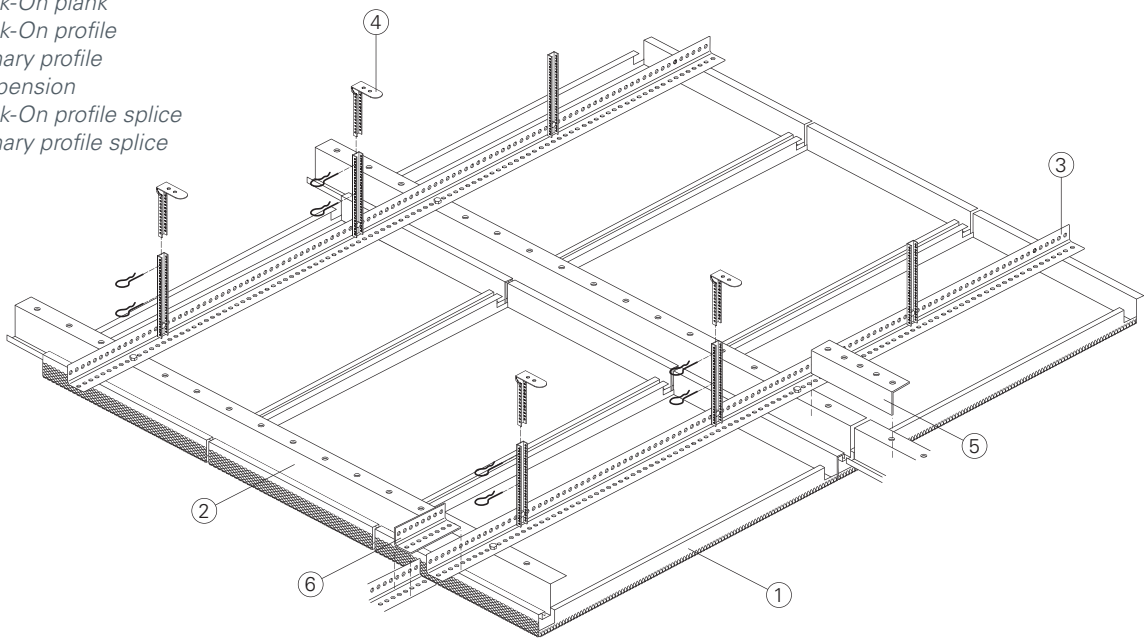
Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Beta B (Hook-On Continuous Type 1) - Architect: JSK

KEY FEATURES

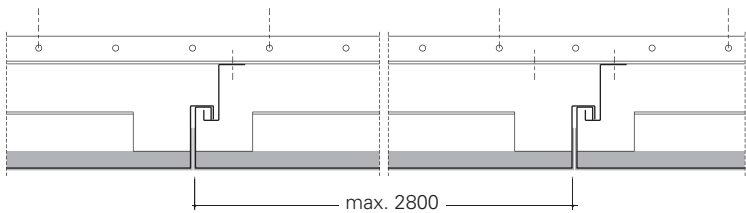
- Panel sizes:
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension
- 5 = Hook-On profile splice
- 6 = Primary profile splice

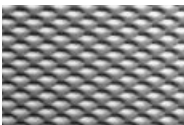


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



LD6 (Fe)
Open area 40%,
Thickness 1.7 mm
Dimensions:
6 x 3.5 - 1.1 x 0.8
Weight 1.6 kg/m²



LS6 (Fe)
Open area 36%,
Thickness 1.7 mm
Dimensions:
6 x 4.5 - 1.2 x 1.0
Weight 1.3 kg/m²



LS8 (Fe+Al)
Open area 54%,
Thickness 1.9 mm
Dimensions:
8 x 6.0 - 1.2 x 1.0
Weight 1.7 kg/m²



LS10 (Fe)
Open area 57%,
Thickness 2.0 mm
Dimensions:
10 x 7.0 - 1.5 x 1.0
Weight 1.3 kg/m²



LS12 (Fe+Al)
Open area 66%,
Thickness 2.0 mm
Dimensions:
12 x 9.5 - 1.6 x 1.0
Weight 1.7 kg/m²



LS16 (Fe)
Open area 46%,
Thickness 2.0 mm
Dimensions:
16 x 11.0 - 3.0 x 2.0
Weight 2.0 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

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- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

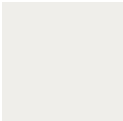
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

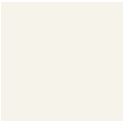
COLOURS AND FINISHES

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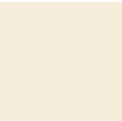
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



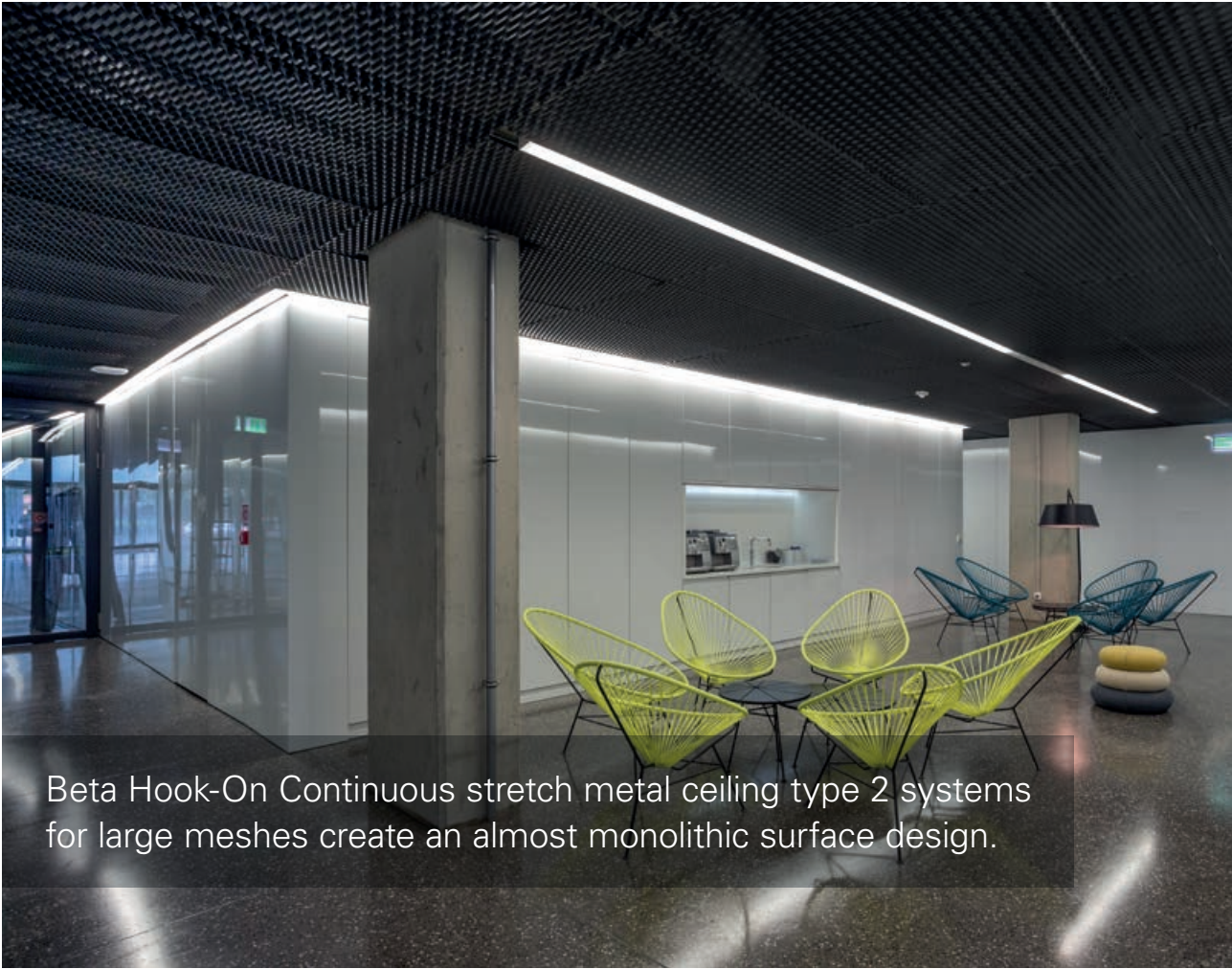
7163
RAL 9006

CUSTOM COLOURS





Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Beta B (Hook-On Continuous Type 1) - Architect: JSK



Beta Hook-On Continuous stretch metal ceiling type 2 systems for large meshes create an almost monolithic surface design.

Project: Pixel, Poznan, Poland - Product: Stretch Metal Beta B (Hook-On Continuous Type 2) - Architect: JEMS Architekci

KEY FEATURES

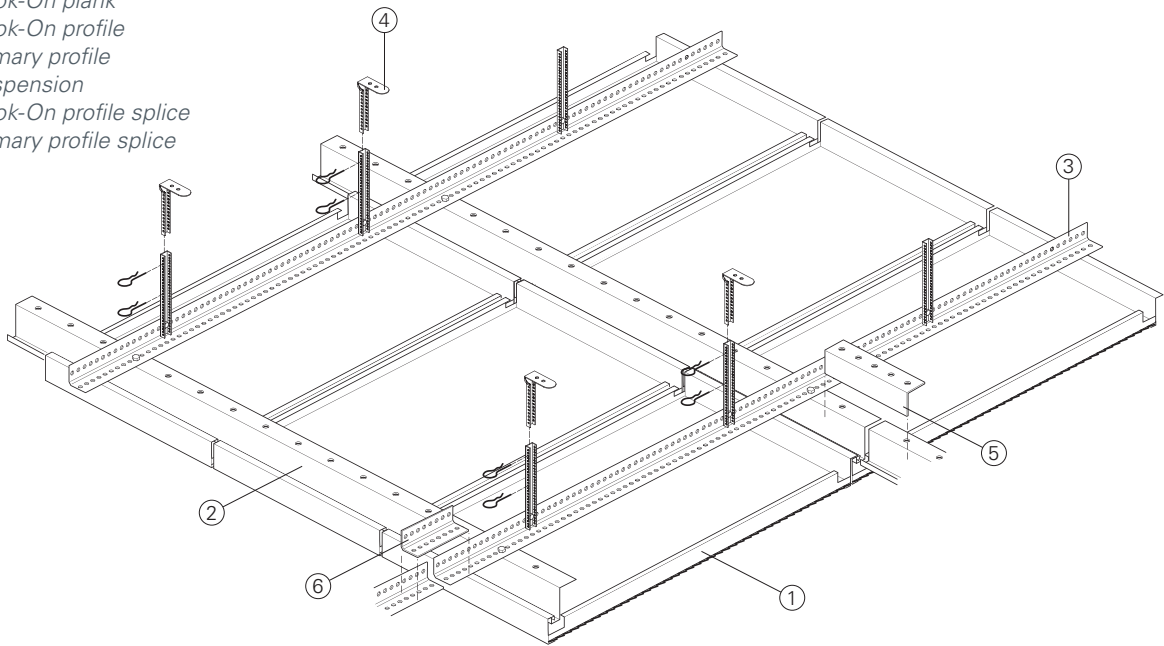
- Panel sizes:
 - with reinforcement maximum 680 x 2800 mm (depends on mesh type)
 - Flat sheets with welded reinforcement profiles
 - Mesh panels with lay-on pads for acoustic control
 - On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
 - Easy plenum access
 - Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

DIMENSIONAL LIMITS FOR STEEL STRETCH METAL PANELS TYPE 2

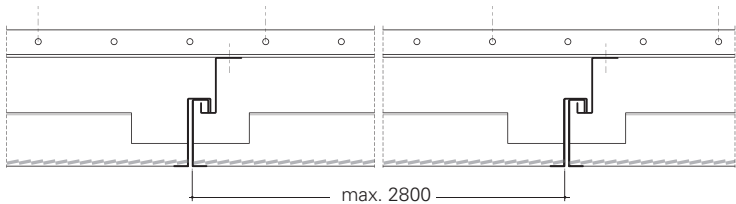
Mesh Patterns	Min. Width	Max. Width	Min. Length	Max. Length
New York	340 mm	680 mm	595 mm	2800 mm
Dubai	310 mm	620 mm	598 mm	2783 mm
Moscow	308 mm	588 mm	600 mm	2800 mm
Rotterdam	300 mm	600 mm	600 mm	2800 mm

TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension
- 5 = Hook-On profile splice
- 6 = Primary profile splice



TYPICAL SECTIONS

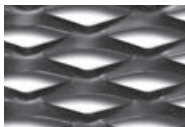


MESH PATTERNS

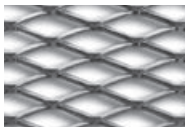
Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



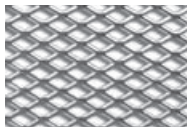
New York
Open area 48%,
Thickness 1.7 mm
Dimensions:
85 x 35 - 11 x 2
Weight
(Al) 2.6/3.4 kg/m²
(Fe) 7.8/10.2 kg/m²



Dubai
Open area 36%,
Thickness 1.5 mm
Dimensions:
62 x 23 - 8 x 1.5
Weight
(Al) 2.7/3.6 kg/m²
(Fe) 8.2/11.2 kg/m²



Moscow
Open area 55%,
Thickness 1.5 mm
Dimensions:
28 x 10 - 2 x 1.5
Weight
(Al) 1.7/2.4 kg/m²
(Fe) 4.2/6.4 kg/m²



Rotterdam
Open area 50%,
Thickness 1.0 mm
Dimensions:
20 x 10 - 2.5 x 1.0
Weight
(Al) 2.4 kg/m²
(Fe) 5.4 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

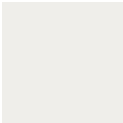
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

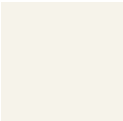
COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

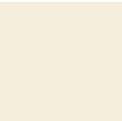
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



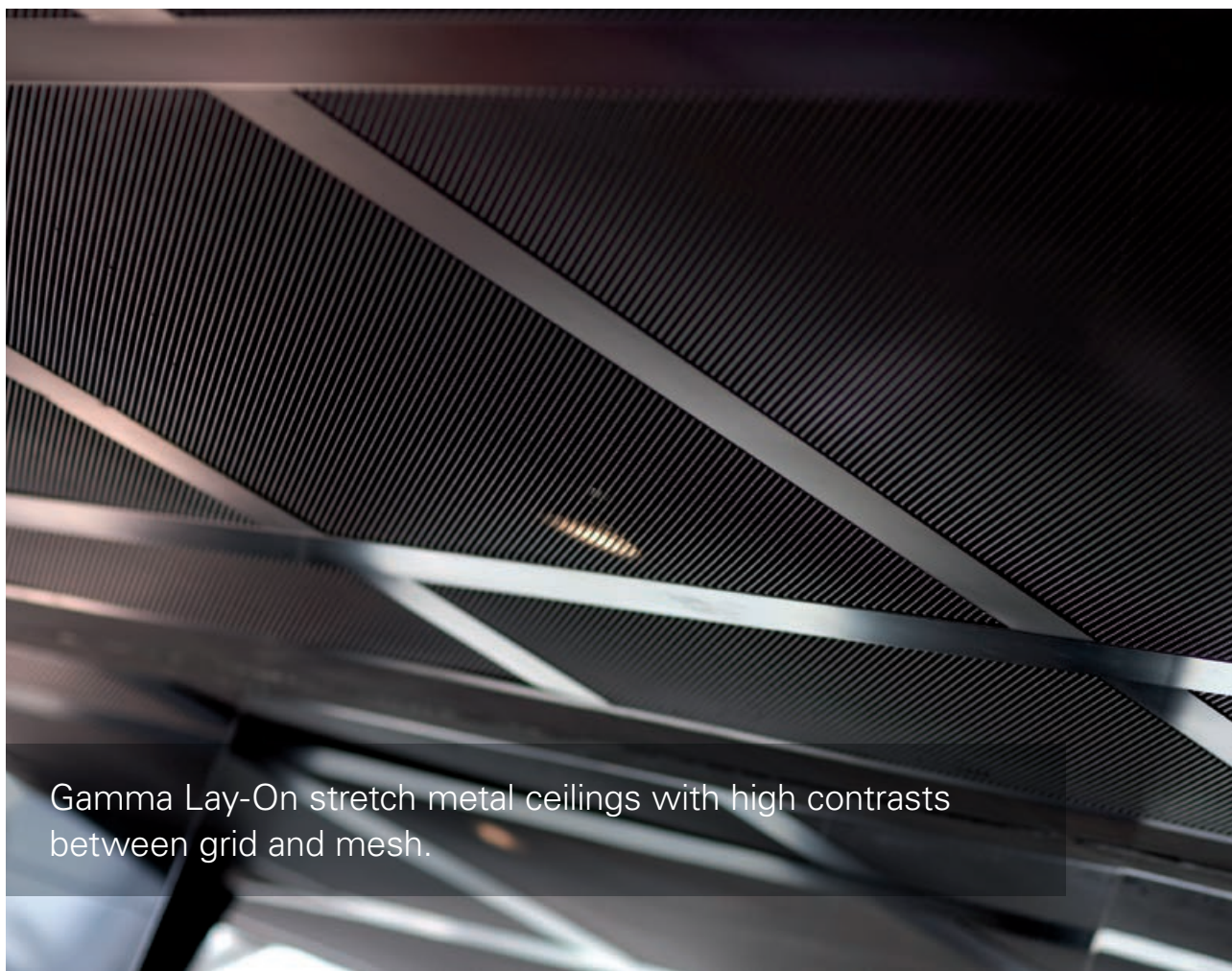
7163
RAL 9006

CUSTOM COLOURS





Project: Pixel, Poznan, Poland - Product: Stretch Metal Beta B (Hook-On Continuous Type 2) - Architect: JEMS Architekci



Gamma Lay-On stretch metal ceilings with high contrasts between grid and mesh.

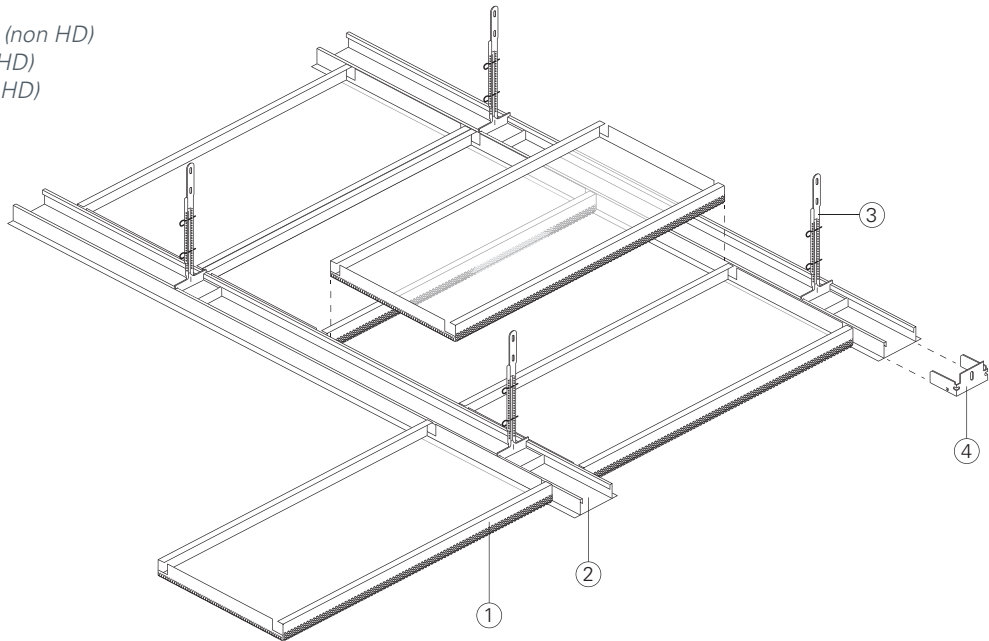
Project: Raffles Hotel, Dubai, United Arab Emirates - Product: Stretch Metal Gamma (Lay-On) - Architect : Arif & Bin Toak

KEY FEATURES

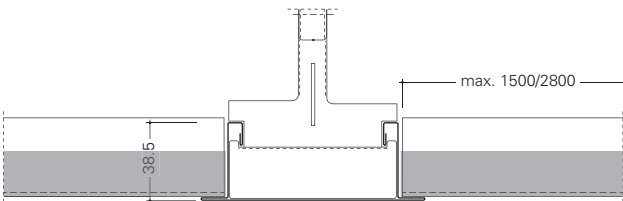
- Panel sizes:
 - without reinforcement maximum 500 x 1200 mm
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Lay-On Plank
- 2 = Bandraster profile (non HD)
- 3 = Suspension (non HD)
- 4 = Wall bracket (non HD)

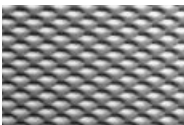


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 350 for all mesh patterns.
Scale shown: 1:4.



LD6 (Fe)
Open area 40%,
Thickness 1.7 mm
Dimensions:
6 x 3.5 - 1.1 x 0.8
Weight 1.6 kg/m²



LS6 (Fe)
Open area 36%,
Thickness 1.7 mm
Dimensions:
6 x 4.5 - 1.2 x 1.0
Weight 1.3 kg/m²



LS8 (Fe+Al)
Open area 54%,
Thickness 1.9 mm
Dimensions:
8 x 6.0 - 1.2 x 1.0
Weight 1.7 kg/m²



LS10 (Fe)
Open area 57%,
Thickness 2.0 mm
Dimensions:
10 x 7.0 - 1.5 x 1.0
Weight 1.3 kg/m²



LS12 (Fe+Al)
Open area 66%,
Thickness 2.0 mm
Dimensions:
12 x 9.5 - 1.6 x 1.0
Weight 1.7 kg/m²



LS16 (Fe)
Open area 46%,
Thickness 2.0 mm
Dimensions:
16 x 11.0 - 3.0 x 2.0
Weight 2.0 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00: See page 353

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
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- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

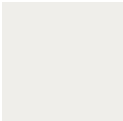
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

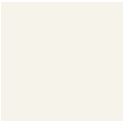
COLOURS AND FINISHES

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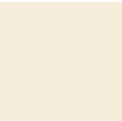
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: Raffles Hotel, Dubai, United Arab Emirates - Product: Stretch Metal Gamma (Lay-On) - Architect : Arif & Bin Toak



HunterDouglas® XL50 ceiling panels are based on composite technology that originate from the aircraft industry. This state of the art technology results in lightweight and extremely flat ceiling panels.

Project: Lario Centre - Bennet, Tavernola, Italy - Product: XL Acoustic panels XL50 - Architect: Progetto CMR

XL ACOUSTIC

XL Acoustic Panels are based on composite technology that originates from the aircraft industry. The lightweight (micro) perforated skins are fused to a honeycomb aluminium core, that has been designed to meet the architect's demand for high quality, extremely flat and extra-large sized ceiling panels. The XL Acoustic panel method of construction allows the designer to virtually ignore the span of the material and provides them with an enormous amount of freedom when creating their designs.

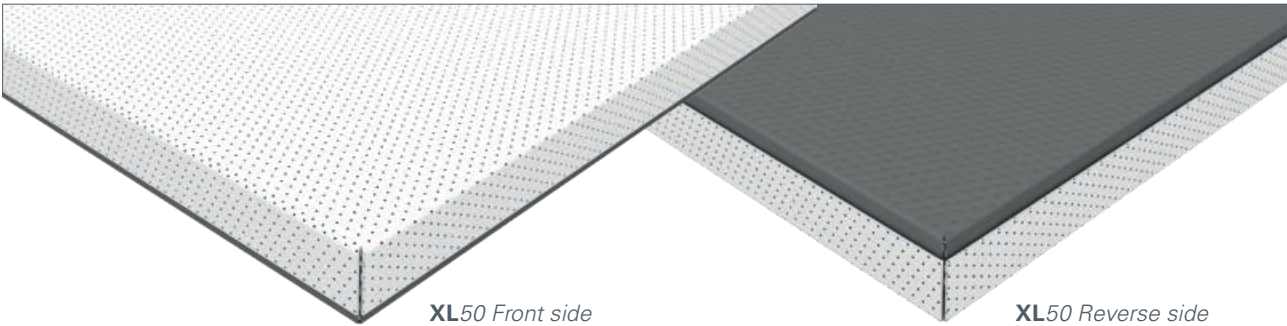
XL50

XL50, our BASIC panel, is a high quality panel that delivers strong acoustic performance along with design flexibility and durability. Custom shapes, curves, clouds, baffles, planks and tapered panels, a variety of joint options and an extensive range of colours give you unparalleled creative freedom.

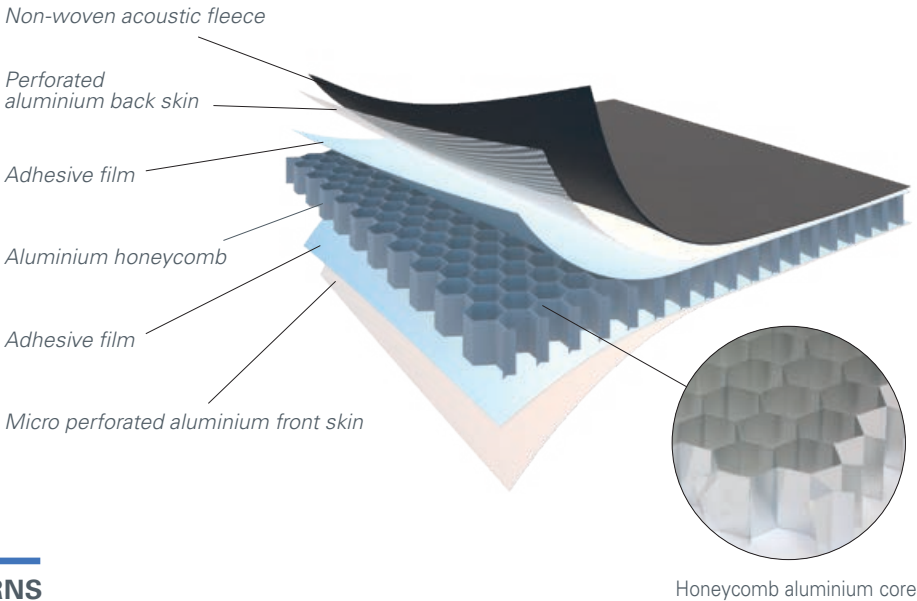
KEY FEATURES

- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions

TYPICAL ISOMETRICS


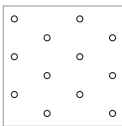
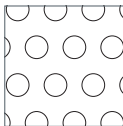


ALUMINIUM HONEYCOMB



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

		
Plain	Front side D0804 Ø 0.8 mm ⌀ 5 ⇄ 8.66 Openness 3.6%	Reverse side D3033 Ø 3 mm ⌀ 5 ⇄ 5 Openness 32,6%

PHYSICAL DATA (Can vary per system)

- Aluminium skins:
- Alloy : EN AW3005, H4
- Thickness: Front skin: 0.7 mm
Back skin: 0.7 mm
- Perforation: Front skin Ø 0.8 T4
Back skin Ø 3.0 T5
- Coatings: Coil Coated and Powder Coated
- Colours: Any colours to match RAL, NCS, BS
and other finishes on request
- Aluminium Honeycomb Core:
- Alloy: EN AW3003
 - Foil thickness: 0.058 mm
 - Cell size: 12
- Adhesive: 1 component temperature cured PU glue

- Weight: Varies 6.5 - 13.3 kg/m²
- Acoustic rating: α_w 0.75: See page 353
- Panel size
- Module width:
- Perforated - 1250 mm
 - Plain - 1500 mm
- Module length:
- Perforated - 2500 mm
 - Plain - 6500 mm
- Thickness: 15 - 50 mm as standard

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

SOLID COLOURS



Traffic
White



Stone
Grey



Anthracite
Grey



Marine
Blue



Neutron
Red

CUSTOM COLOURS



SPARKLING MICA



Onyx
White Purple



Onyx
White Blue



Pyrite Gold
Silver



Pyrite
Red Green




Amethyst
Purple Red

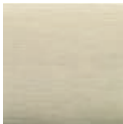
NATURAL - ANODISED ALUMINIUM




Bright
Brushed




Anodised
Brushed



Champagne
Brushed




New Gold
Brushed




Redzinc
Brushed


AMAZING METALLIC




Brilliant
Silver
Metallic




Brilliant
Champagne
Metallic



Dark
Anthracite
Metallic



Pearl
Beige
Metallic



Dark
Copper
Metallic

DESIGNS AND SPECIALS



Travertin
Classic



Royal Wengè



Titanzinc
Futura



Carbon
Zoom

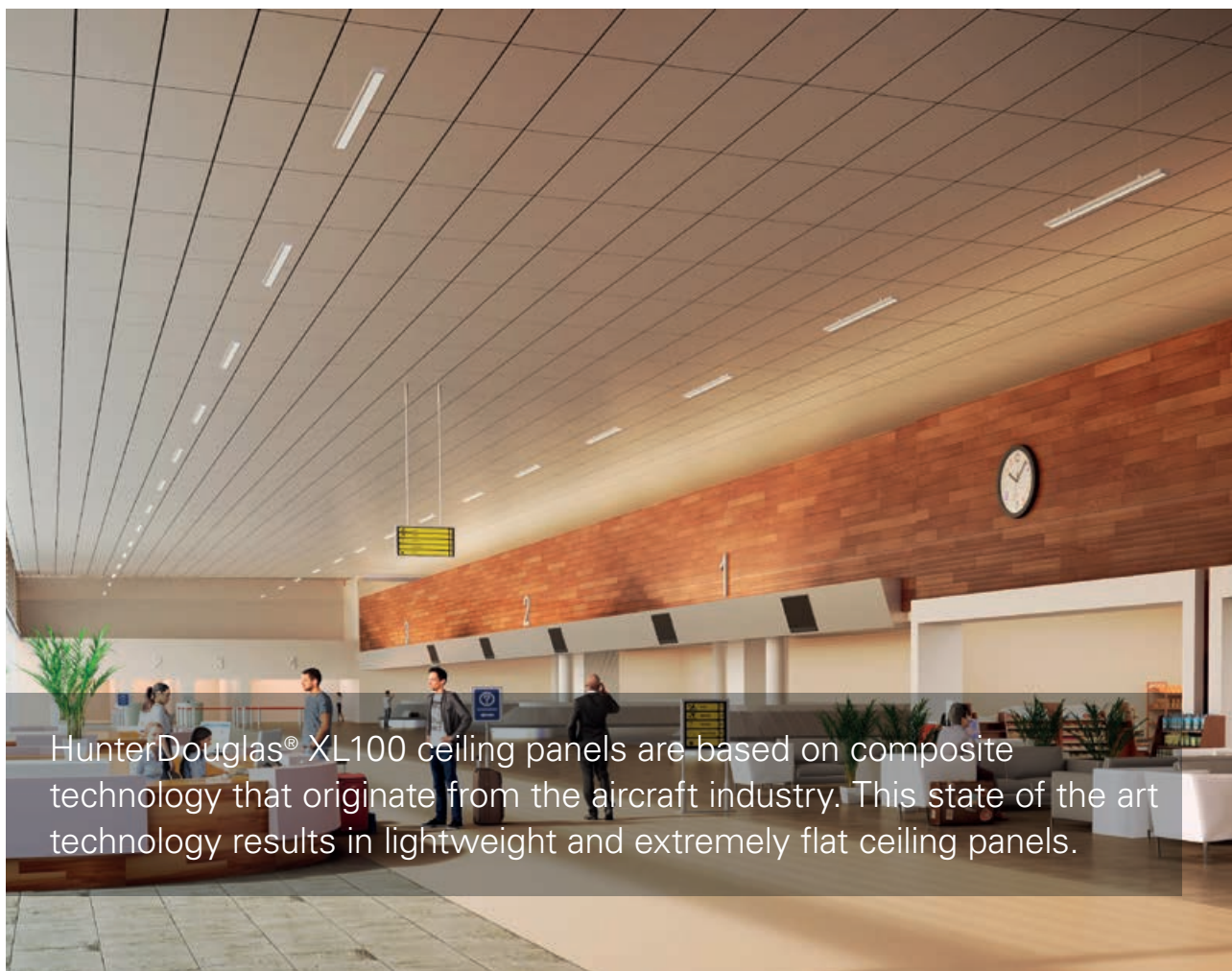


Perforated
Metal

Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity. Colours are available in different gloss units as well as high gloss and matt finishes.



Project: Lario Centre - Bennet, Tavernola, Italy - Product: XL Acoustic panels XL50 - Architect: Progetto CMR



HunterDouglas® XL100 ceiling panels are based on composite technology that originate from the aircraft industry. This state of the art technology results in lightweight and extremely flat ceiling panels.

Project: Visualisation Public Space - Product: XL Acoustic panels XL100

XL ACOUSTIC

XL Acoustic Panels are based on composite technology that originates from the aircraft industry. The lightweight (micro) perforated skins are fused to a honeycomb aluminium core, that has been designed to meet the architect's demand for high quality, extremely flat and extra-large sized ceiling panels. The XL Acoustic panel method of construction allows designers to virtually ignore the span of the material and provides them with an enormous amount of freedom when creating their designs.

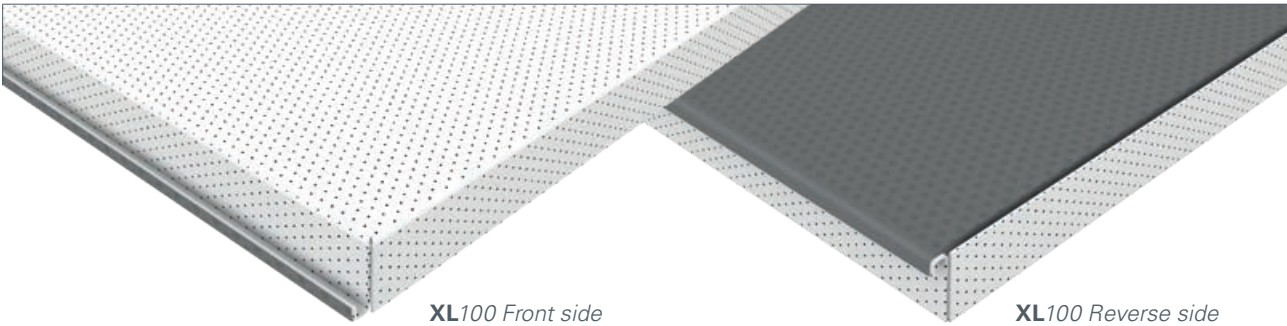
XL100

XL100 is our EASY panel, its roll formed edge on two sides guarantees an easy installation when using the fixing clamps supplied. The clamp cover provides an optical 25 mm closed joint, which can be coloured to create an even more striking visual effect. The **XL100** is perfectly suitable for large ceiling projects, where same sizes are desirable.

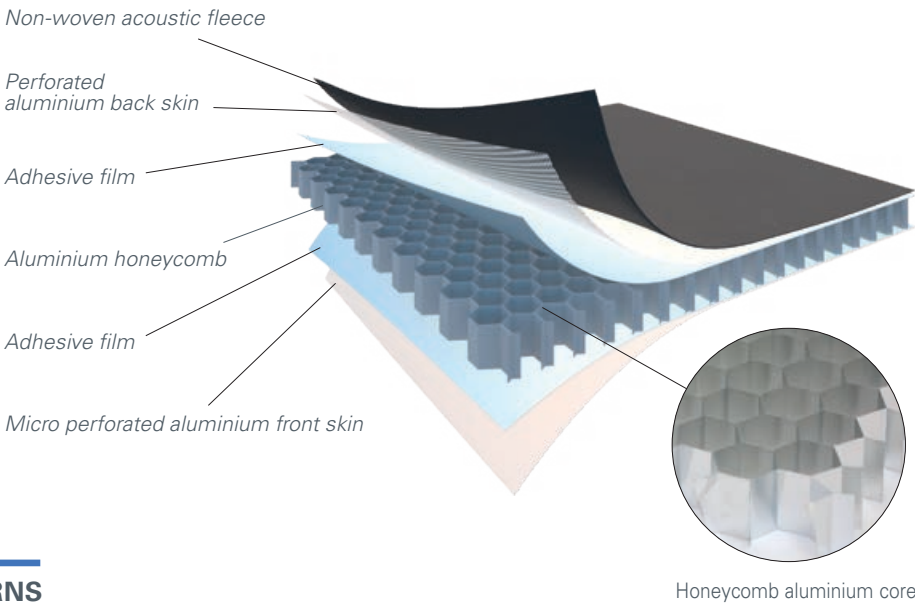
KEY FEATURES

- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions
- Closed (contrasting) joints possible

TYPICAL ISOMETRICS


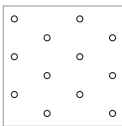
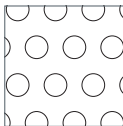


ALUMINIUM HONEYCOMB



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

		
Plain	Front side D0804 Ø 0.8 mm ⌀ 5 ⇄ 8.66 Openness 3.6%	Reverse side D3033 Ø 3 mm ⌀ 5 ⇄ 5 Openness 32,6%

PHYSICAL DATA (Can vary per system)

- Aluminium skins:
Alloy : EN AW3005, H4
Thickness: Front skin: 0.7 mm
Back skin: 0.7 mm
Perforation: Front skin Ø 0.8 T4
Back skin Ø 3.0 T5
Coatings: Coil Coated and Powder Coated
Colours: Any colours to match RAL, NCS, BS
and other finishes on request
Aluminium Honeycomb Core:
- Alloy: EN AW3003
- Foil thickness: 0.058 mm
- Cell size: 12
Adhesive: 1 component temperature cured PU glue

- Weight: Varies 6.5 - 13.3 kg/m²
Acoustic rating : α_w 0.75: See page 353
Panel size
Module width:
- Perforated - 1250 mm
- Plain - 1500 mm
Module length:
- Perforated - 2500 mm
- Plain - 6500 mm
Thickness: 15 - 50 mm as standard

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

SOLID COLOURS



CUSTOM COLOURS



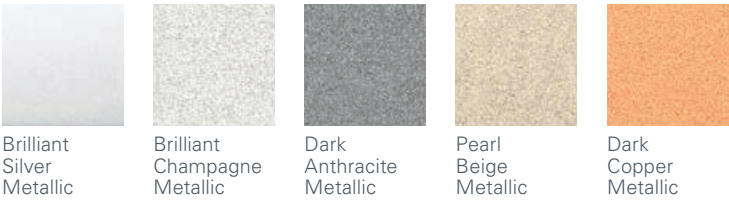
SPARKLING MICA



NATURAL - ANODISED ALUMINIUM



AMAZING METALLIC



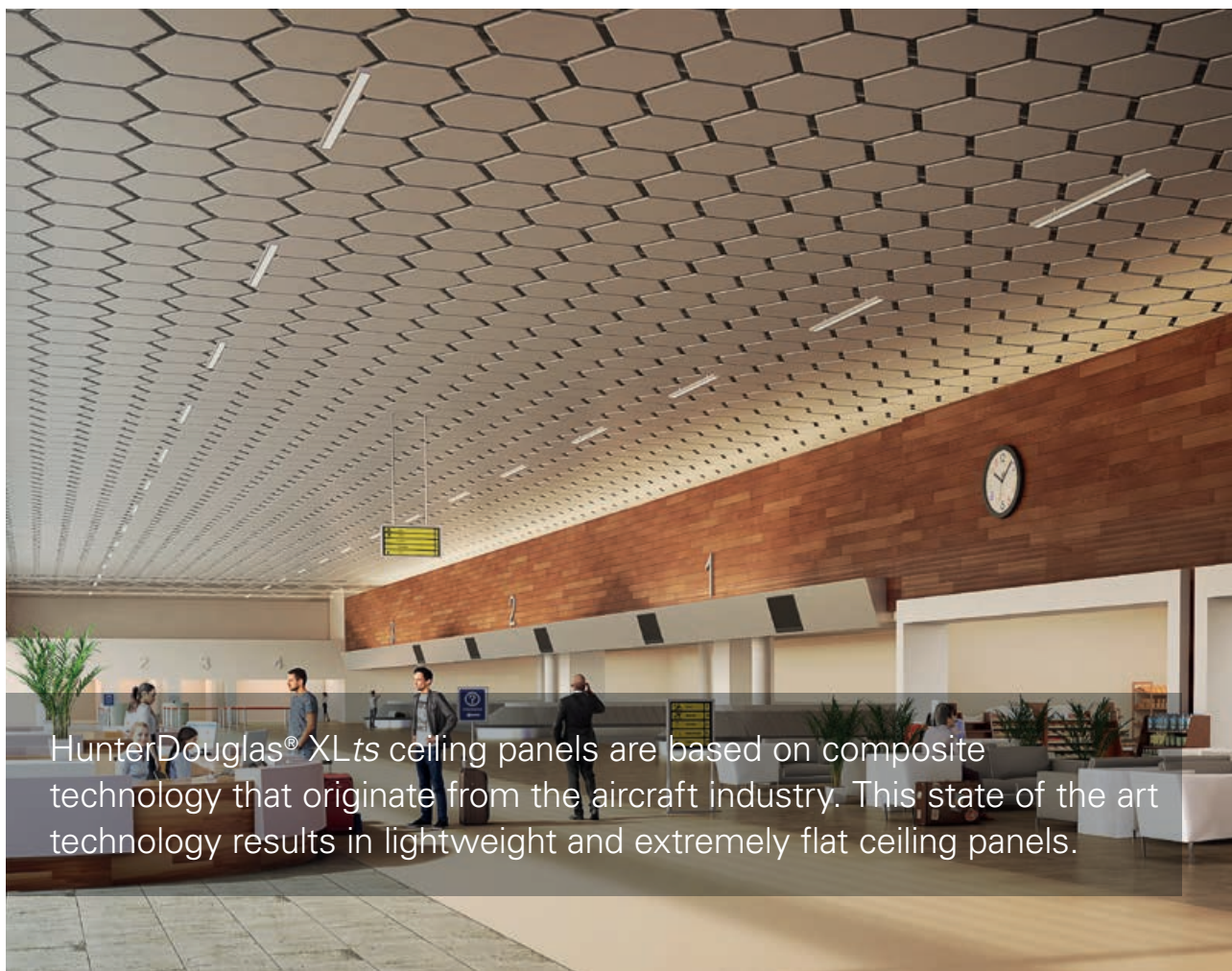
DESIGNS AND SPECIALS



Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity. Colours are available in different gloss units as well as high gloss and matt finishes.



Project: Doha Convention Centre, Doha, Qatar - Product: XL Acoustic panels XL100 - Architect:Murphy/Jahn Architects LLC



HunterDouglas® XLts ceiling panels are based on composite technology that originate from the aircraft industry. This state of the art technology results in lightweight and extremely flat ceiling panels.

Project: Visualisation Public Space - Product: XL Acoustic panels XLts (Torsion-Spring)

XL ACOUSTIC

XL Acoustic Panels are based on composite technology that originates from the aircraft industry. The lightweight (micro) perforated skins are fused to a honeycomb aluminium core, that has been designed to meet the architect's demand for high quality, extremely flat and extra-large sized ceiling panels. The XL Acoustic panel method of construction allows designers to virtually ignore the span of the material and provides them with an enormous amount of freedom when creating their designs.

XLts

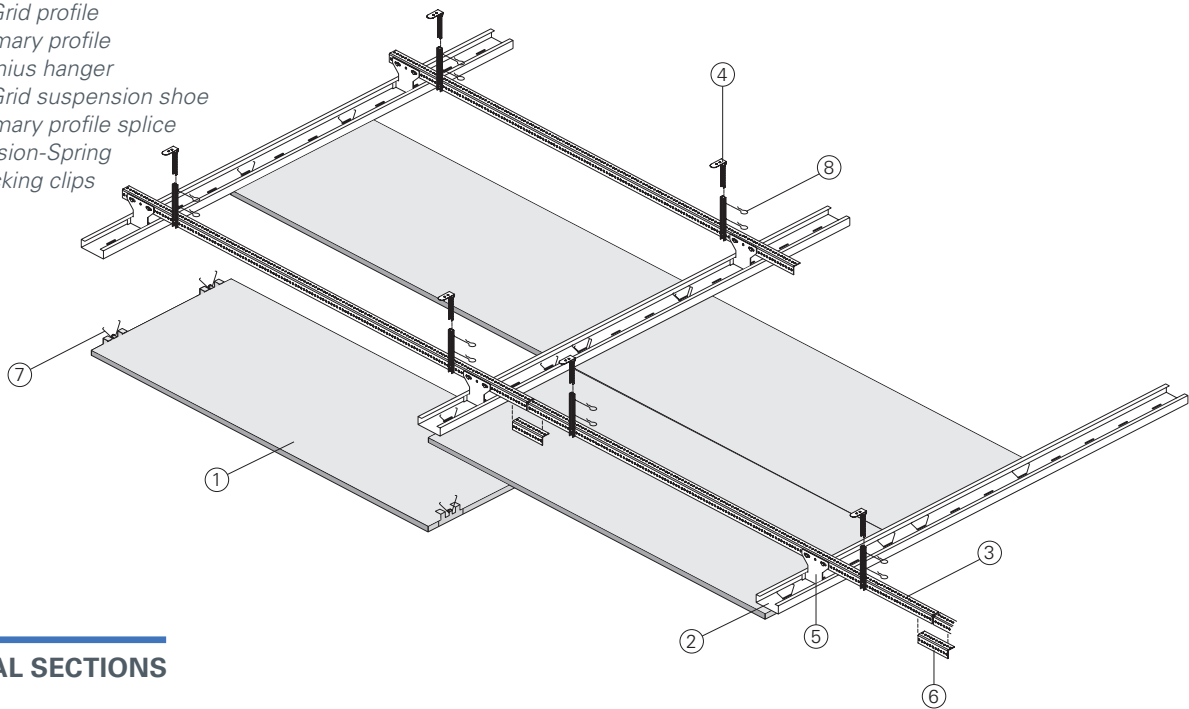
Our **XLts** Torsion-Spring metal ceiling delivers style and ease with its versatile carrier/grid system. Both flat and curved panels swing down ensuring safe access to the plenum. The **XLts** is a ceiling solution with reliable, easy to install substructure. Each ceiling panel can be swung down along the suspension profile in either direction for maintenance work. Large-size concealed panels offer a monolithic visual with 100% downward accessibility.

KEY FEATURES

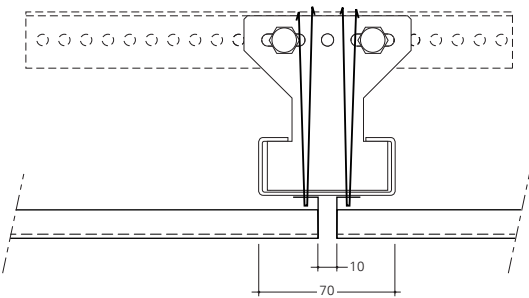
- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions

TYPICAL ISOMETRICS

- 1 = XLts
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = Primary profile splice
- 7 = Torsion-Spring
- 8 = Locking clips



TYPICAL SECTIONS

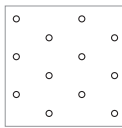


PERFORATION PATTERNS

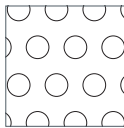
Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



Plain



Front side
D0804
Ø 0.8 mm
5 ⇄ 8.66
Openness 3.6%



Reverse side
D3033
Ø 3 mm
5 ⇄ 5
Openness 32,6%

PHYSICAL DATA (Can vary per system)

Aluminium skins:

Alloy : EN AW3005, H4

Thickness: Front skin: 0.7 mm
Back skin: 0.7 mm

Perforation: Front skin Ø 0.8 T4
Back skin Ø 3.0 T5

Coatings: Coil Coated and Powder Coated

Colours: Any colours to match RAL, NCS, BS
and other finishes on request

Aluminium Honeycomb Core:

- Alloy: EN AW3003
- Foil thickness: 0.058 mm
- Cell size: 12

Adhesive: 1 component temperature cured PU glue

Weight: Varies 6.5 - 13.3 kg/m²

Acoustic rating: α_w 0.75: See page 353

Panel size

Module width:

- Perforated - 1250 mm
- Plain - 1500 mm

Module length:

- Perforated - 2500 mm
- Plain - 6500 mm

Thickness: 15 - 50 mm as standard

COLOURS AND FINISHES

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SOLID COLOURS



Traffic
White



Stone
Grey



Anthracite
Grey



Marine
Blue



Neutron
Red

CUSTOM COLOURS



SPARKLING MICA



Onyx
White Purple



Onyx
White Blue



Pyrite Gold
Silver



Pyrite
Red Green




Amethyst
Purple Red

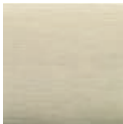
NATURAL - ANODISED ALUMINIUM




Bright
Brushed




Anodised
Brushed



Champagne
Brushed




New Gold
Brushed




Redzinc
Brushed


AMAZING METALLIC




Brilliant
Silver
Metallic




Brilliant
Champagne
Metallic



Dark
Anthracite
Metallic



Pearl
Beige
Metallic



Dark
Copper
Metallic

DESIGNS AND SPECIALS



Travertin
Classic



Royal Wengè



Titzinc
Futura



Carbon
Zoom

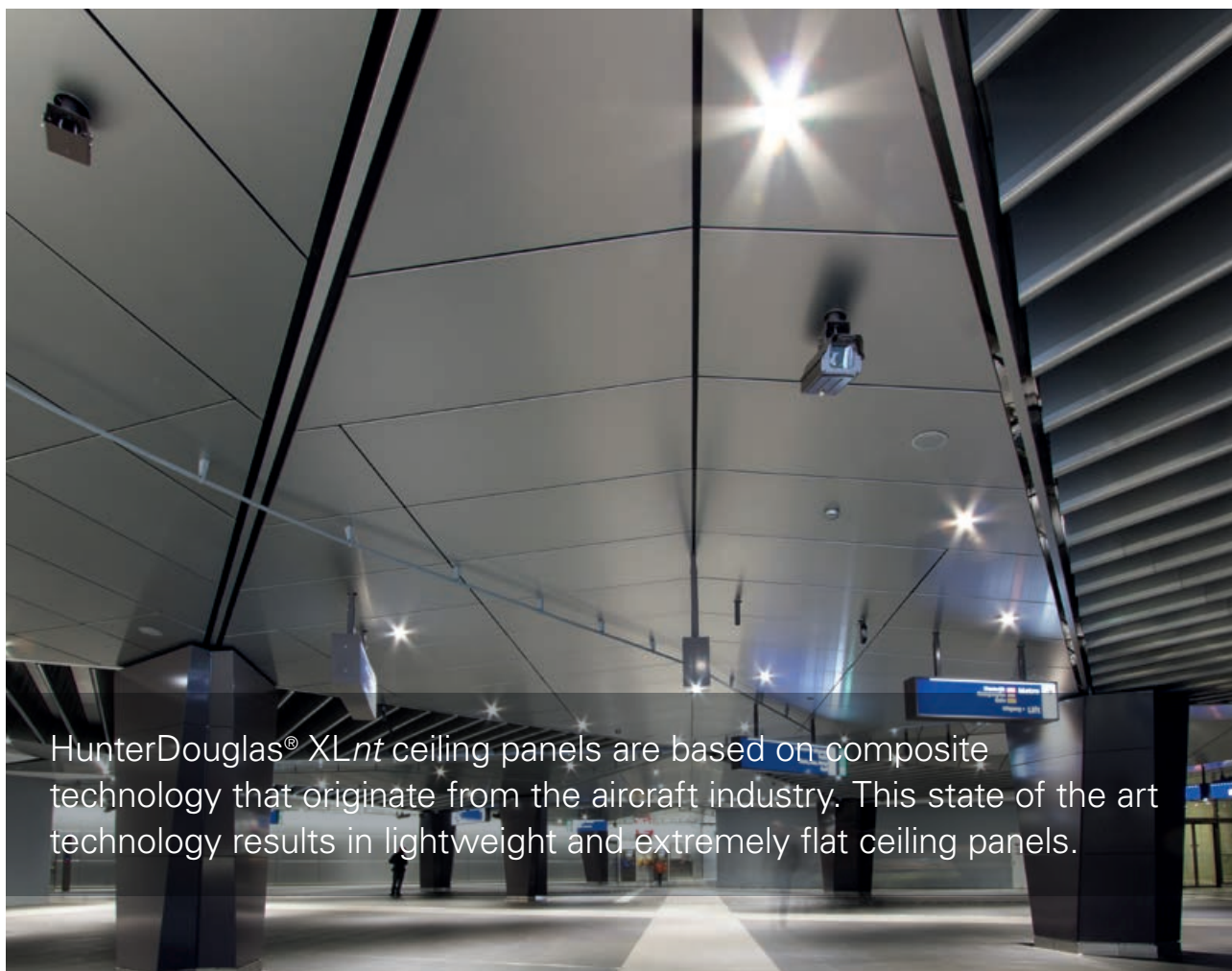


Perforated
Metal

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Project: Voorwinden, 's-Gravendeel, The Netherlands - Product: XL Acoustic panels XLts (Torsion-Spring) - Architect: Architectenburo Roos en Ros



HunterDouglas® XLnt ceiling panels are based on composite technology that originate from the aircraft industry. This state of the art technology results in lightweight and extremely flat ceiling panels.

*Project: Noord Zuidlijn, Amsterdam, The Netherlands - Product: XL Acoustic panels XLnt (Swing-Down)
Architect: Benthem Crouwel Architects*

QUADROCLAD® ACOUSTIC

XL Acoustic Panels are based on composite technology that originates from the aircraft industry. The lightweight (micro) perforated skins are fused to a honeycomb aluminium core, that has been designed to meet the architect's demand for high quality, extremely flat and extra-large sized ceiling panels. The XL Acoustic panel method of construction allows designers to virtually ignore the span of the material and provides them with an enormous amount of freedom when creating their designs.

XLnt

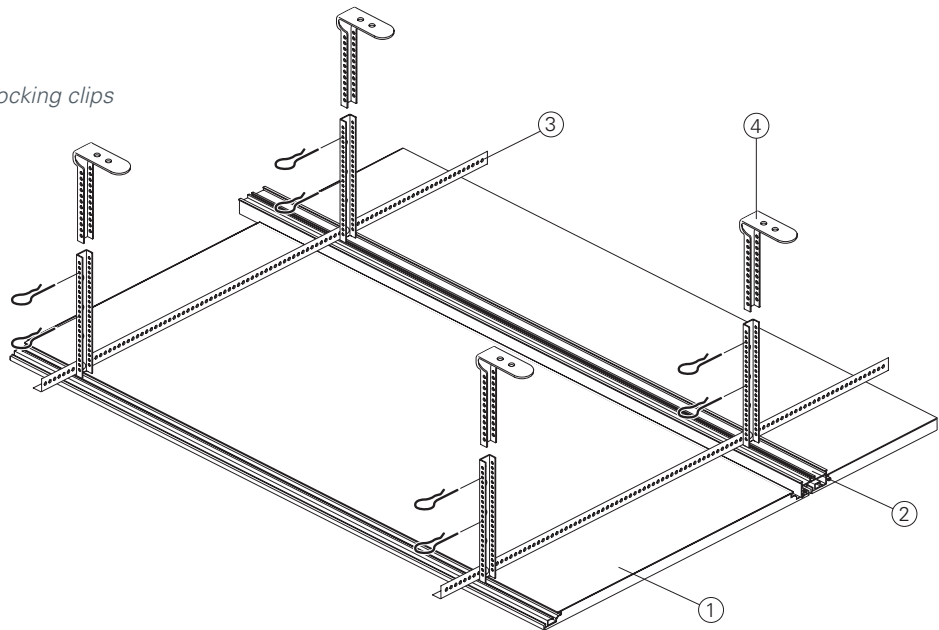
XLnt is our COMPLETE system and as its name suggests is our most comprehensive ceiling solution. It is a fully engineered panel with aluminum extrusion frames on two sides. The ceiling has a narrow 12.5 mm wide joint around each panel. Each individual panel can be opened/demounted with a swing-down/swing-up motion for easy access to the services and installations within the plenum.

KEY FEATURES

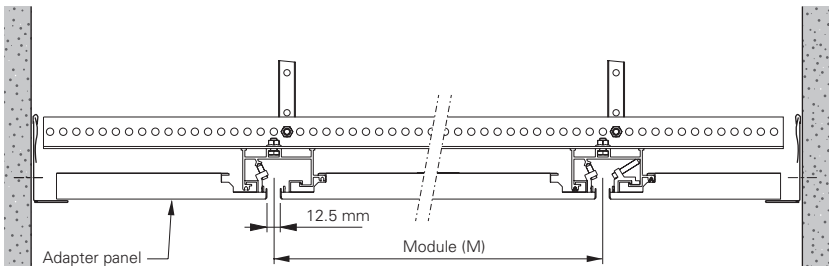
- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions
- Narrow joints

TYPICAL ISOMETRICS

- 1 = XLnt panel
- 2 = Suspension profile
- 3 = Primary angle profile
- 4 = Nonius hanger with locking clips


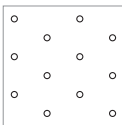
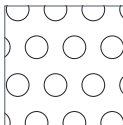


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

		
Plain	Front side D0804 Ø 0.8 mm ⌀ 5 ⇄ 8.66 Openness 3.6%	Reverse side D3033 Ø 3 mm ⌀ 5 ⇄ 5 Openness 32,6%

PHYSICAL DATA (Can vary per system)

- Aluminium skins:
Alloy : EN AW3005, H4
Thickness: Front skin: 0.7 mm
Back skin: 0.7 mm
Perforation: Front skin Ø 0.8 T4
Back skin Ø 3.0 T5
Coatings: Coil Coated and Powder Coated
Colours: Any colours to match RAL, NCS, BS
and other finishes on request
Aluminium Honeycomb Core:
- Alloy: EN AW3003
- Foil thickness: 0.058 mm
- Cell size: 12
Adhesive: 1 component temperature cured PU glue

- Weight: Varies 6.5 - 13.3 kg/m²
Fire rating: B,s1,d0 according EN 13501-1
Acoustic rating: α_w 0.75: See page 353
Panel size
Module width:
- Perforated - 1250 mm
- Plain - 1500 mm
Module length:
- Perforated - 2500 mm
- Plain - 6500 mm
Thickness: 15 - 50 mm as standard

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

SOLID COLOURS



Traffic
White



Stone
Grey



Anthracite
Grey



Marine
Blue



Neutron
Red

CUSTOM COLOURS



SPARKLING MICA



Onyx
White Purple



Onyx
White Blue



Pyrite Gold
Silver



Pyrite
Red Green



Amethyst
Purple Red

NATURAL - ANODISED ALUMINIUM



Bright
Brushed



Anodised
Brushed



Champagne
Brushed




New Gold
Brushed




Redzinc
Brushed


AMAZING METALLIC




Brilliant
Silver
Metallic




Brilliant
Champagne
Metallic



Dark
Anthracite
Metallic



Pearl
Beige
Metallic



Dark
Copper
Metallic

DESIGNS AND SPECIALS



Travertin
Classic



Royal Wengè



Titanzinc
Futura



Carbon
Zoom

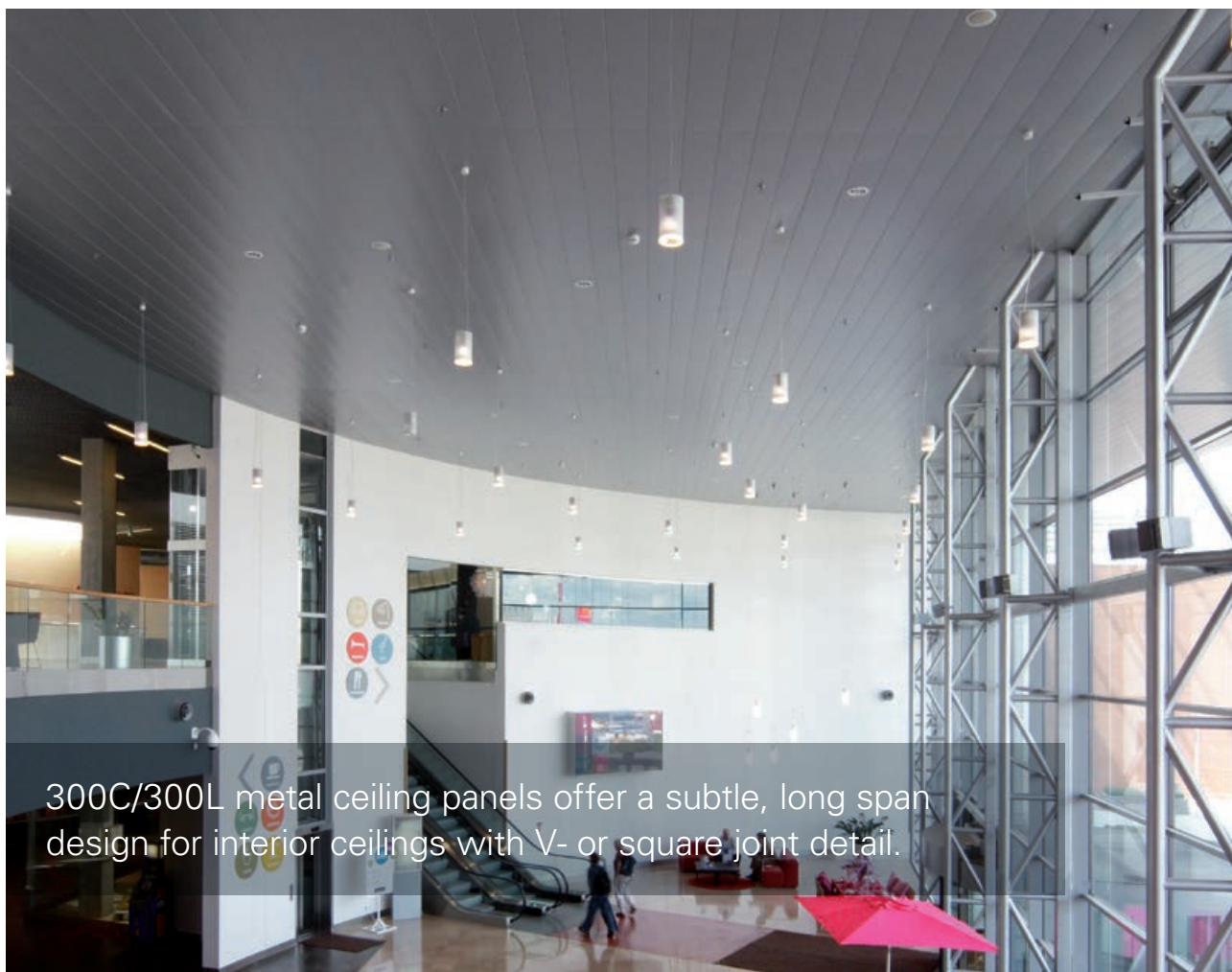


Perforated
Metal

Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity. Colours are available in different gloss units as well as high gloss and matt finishes.



Project: Bicycle Parking Jaarbeursplein, Utrecht, The Netherlands - Product: XL Acoustic panels XLnt (Swing-Down) - Architect: Kraaijvanger Architects



300C/300L metal ceiling panels offer a subtle, long span design for interior ceilings with V- or square joint detail.

Project: Domoteka, Warsaw, Poland - Product: Wide Panel 300C/300L (General) - Architect: Archmo

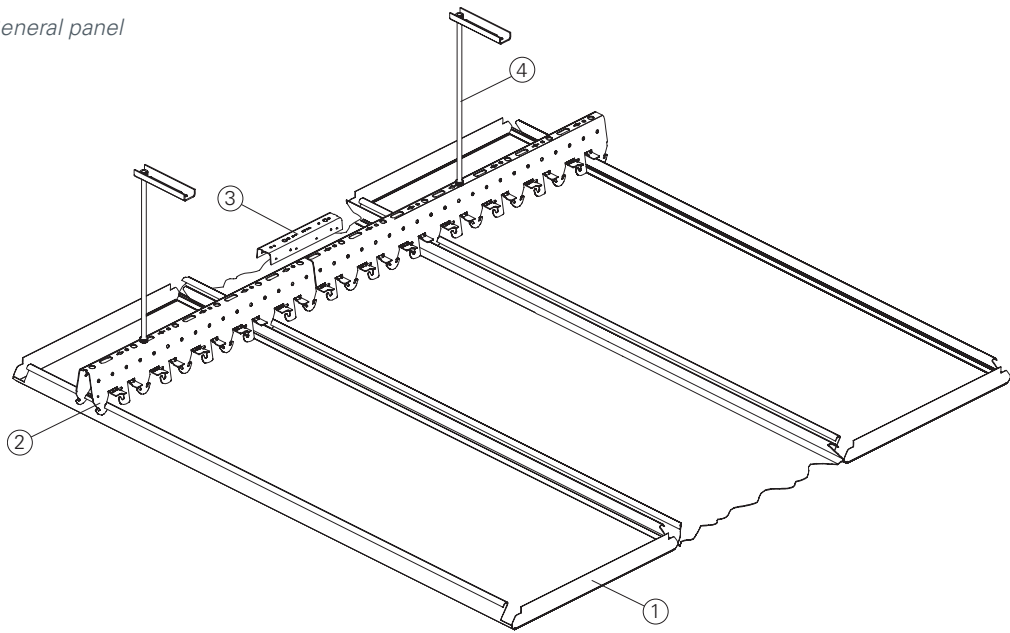
KEY FEATURES

- Panel width: 300 mm
- Panel length: 1000 - 6000 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

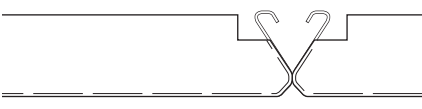


TYPICAL ISOMETRICS

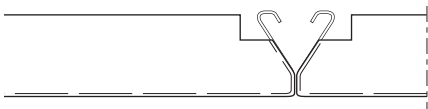
- 1 = 300C/300L General panel
- 2 = Carrier
- 3 = Carrier splice
- 4 = Hanger



TYPICAL SECTIONS




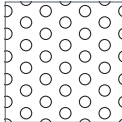
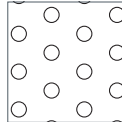
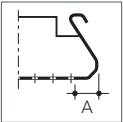
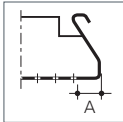
300C



300L

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

				
Plain	D1523 Ø 1.5 mm ⌀ 3 ⇔ 5.2 Openness 23%	D2016 Ø 2 mm ⌀ 5 ⇔ 8.66 Openness 16%	Ø 1.5 / 2.0 mm A = 8.5 mm 300C	Ø 1.5 / 2.0 mm A = 8.5 mm 300L

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: Varies 2.9 kg/m² (Al), 6.4 kg/m² (Fe)
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75. See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- MR : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

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COOL WHITES



0181
±RAL 9003

0106
±RAL 9016

0299

0179

CUSTOM COLOURS



NATURE TONES



1585

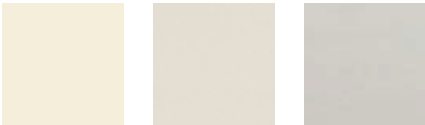
4648

0785

0735

1883
±RAL 9011

WARM WHITES



0280
±RAL 9010

0585

0684

METALS

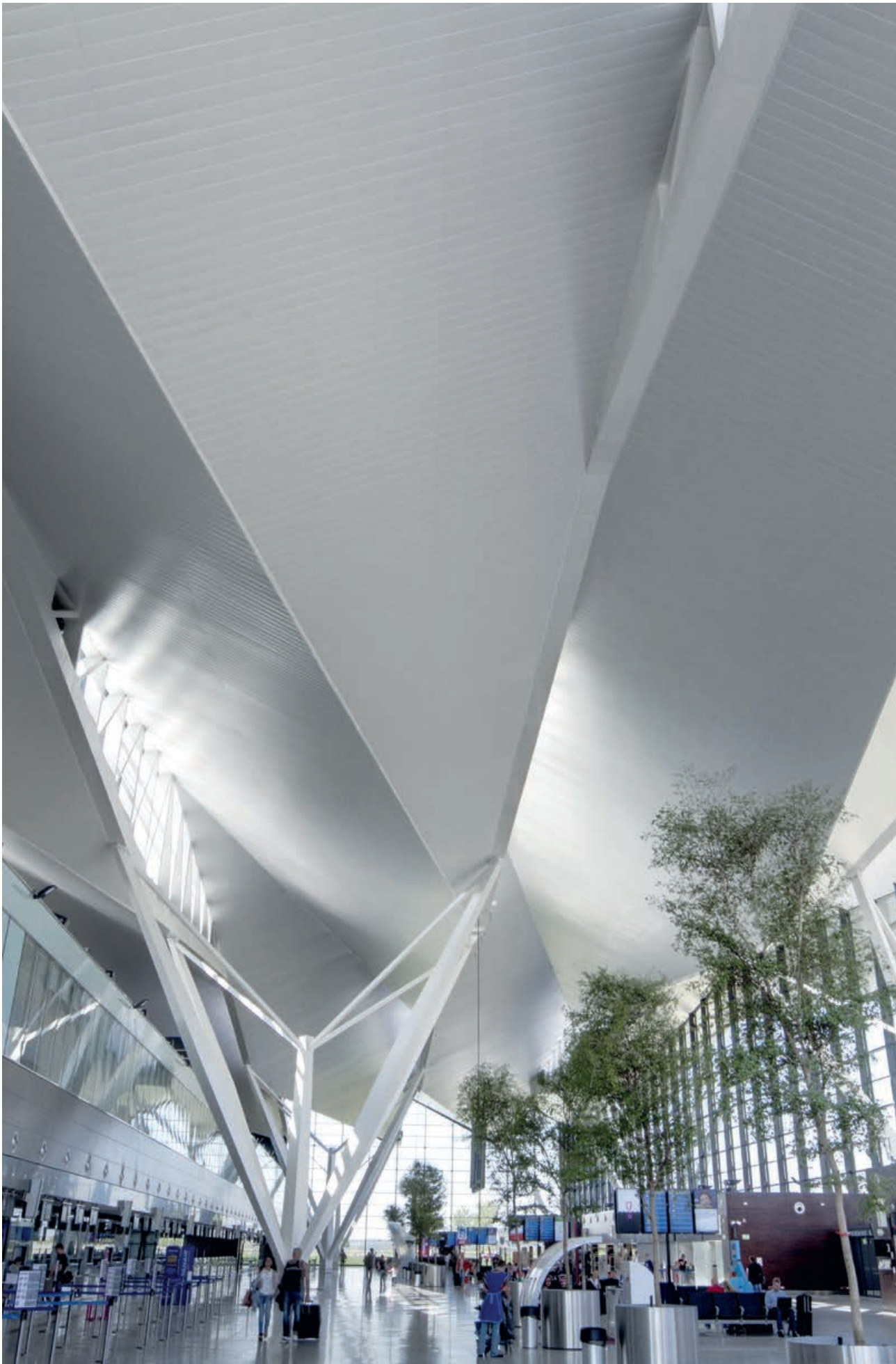


7163

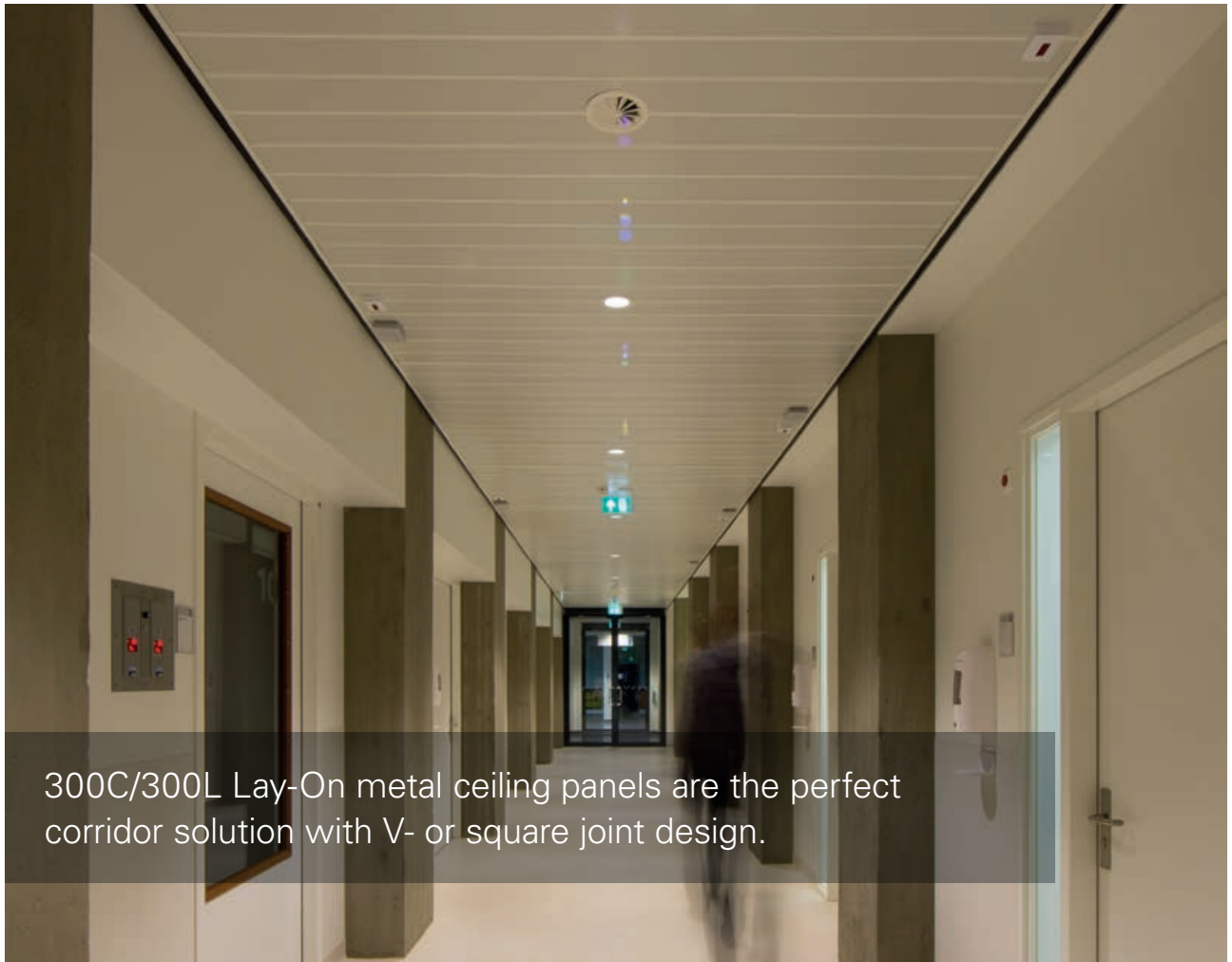
7007

7178

7113



Project: New Terminal at Gdansk Lech Wałęsa Airport, Gdansk, Poland - Product: Wide Panel 300C/300L (General) - Architect: JSK Architekci Sp z o.o.



300C/300L Lay-On metal ceiling panels are the perfect corridor solution with V- or square joint design.

Project: Radboud Ziekenhuis, Nijmegen, The Netherlands - Product: Wide Panel 300C/300L (Lay-On) - Architect: EGM Architecten

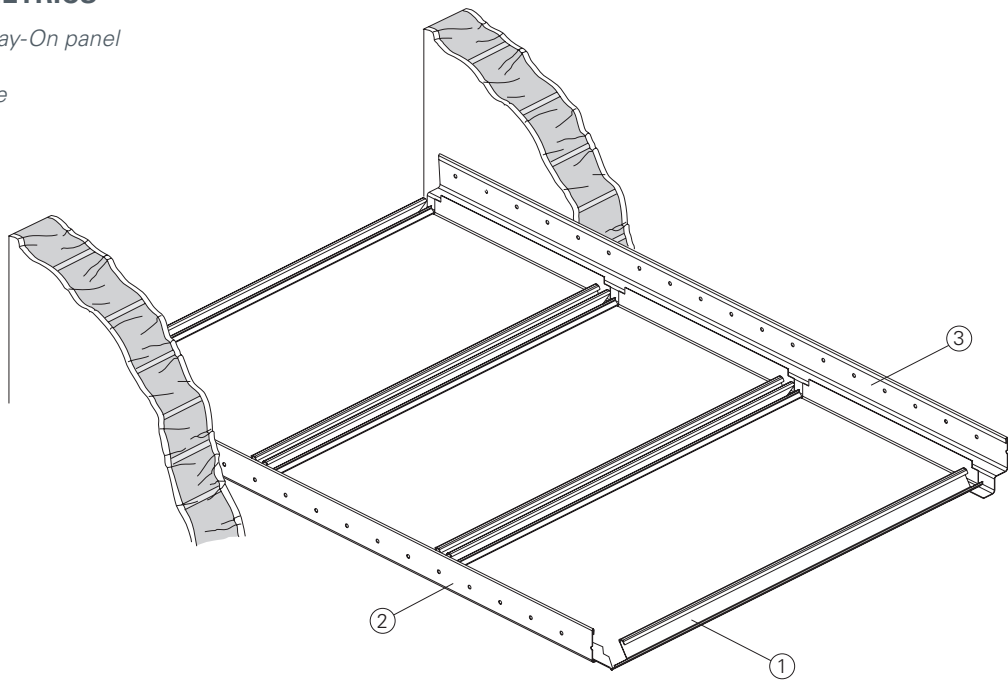
KEY FEATURES

- Panel width: 300 mm
- Panel length: 1000 - 2400 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

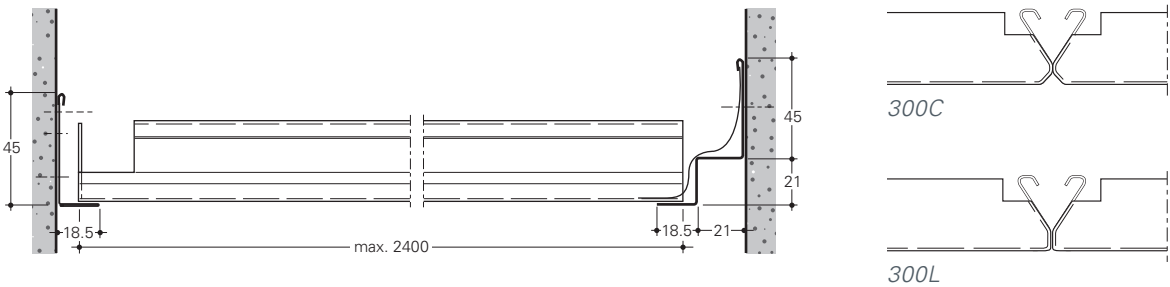


TYPICAL ISOMETRICS

- 1 = 300C/300L Lay-On panel
- 2 = Wall L-profile
- 3 = Wall W-profile



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

	(Scale 1:3)	(Scale 1:3)
Plain	D1523 Ø 1.5 mm 3 ⇔ 5.2 Openness 23%	D2016 Ø 2 mm 5 ⇔ 8.66 Openness 16%
	Ø 1.5 / 2.0 mm A = 8.5 mm 300C	Ø 1.5 / 2.0 mm A = 8.5 mm 300L

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: Varies 2.9 kg/m² (Al), 6.4 kg/m² (Fe)
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75. See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

- MR : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

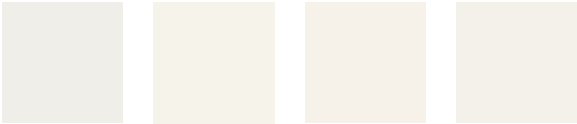
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

COOL WHITES



0181
±RAL 9003

0106
±RAL 9016

0299

0179

CUSTOM COLOURS



NATURE TONES



1585

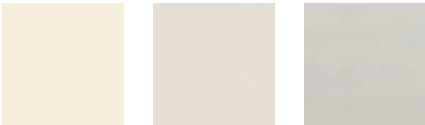
4648

0785

0735

1883
±RAL 9011

WARM WHITES



0280
±RAL 9010

0585

0684

METALS



7163

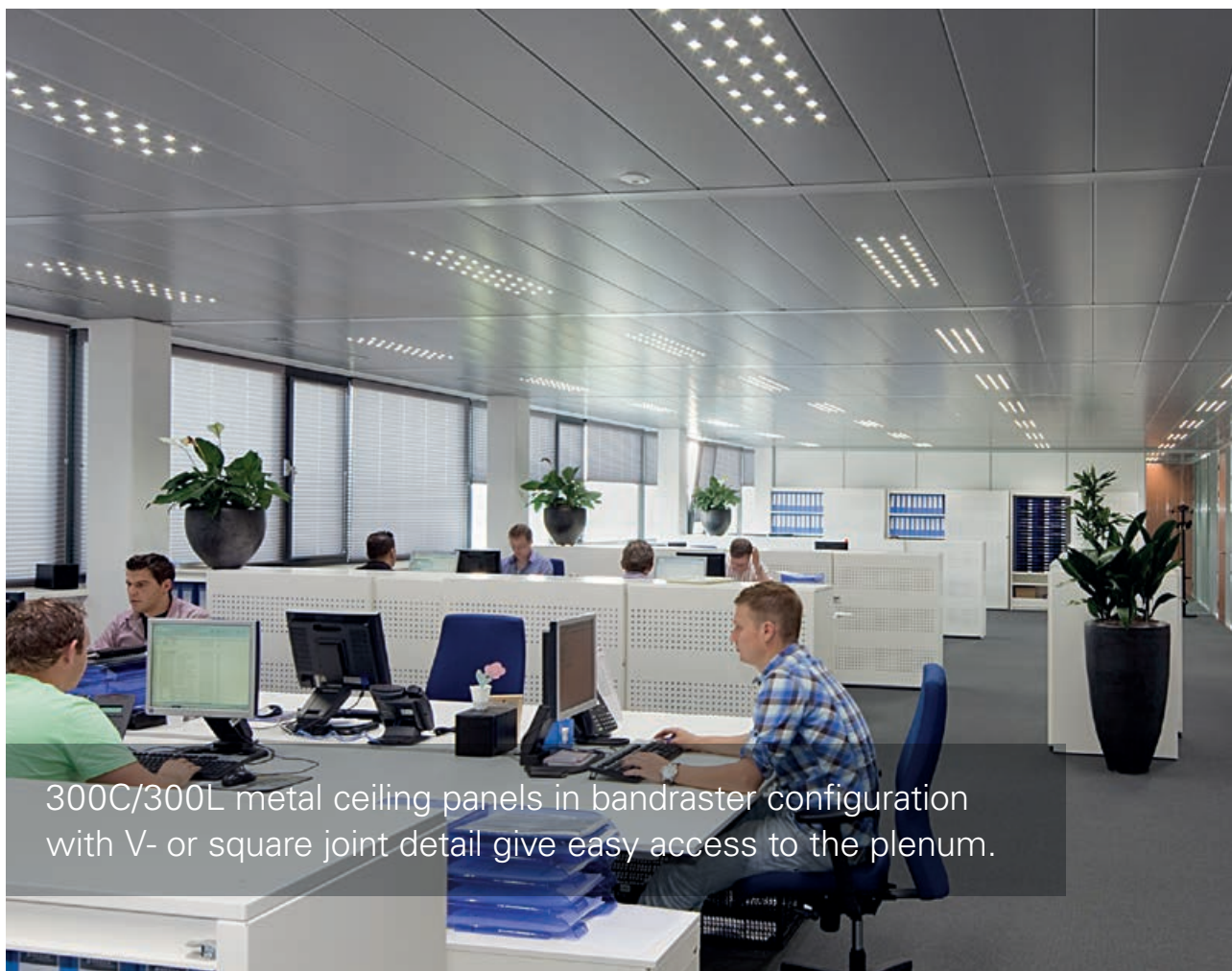
7007

7178

7113



Project: Sint-Vincentius GZA Ziekenhuizen, Berchem, Belgium - Product: Wide Panel 300C/300L (Lay-On) - Architect: Architectenbureau De Vloed, Heusden-Destelbergen



300C/300L metal ceiling panels in bandraaster configuration with V- or square joint detail give easy access to the plenum.

Project: Brezan automaterialen, Ede, Nederland - Product: Wide Panel 300C/300L (Bandraaster) - Architect: VBJ Architectuur en Bouwmanagement

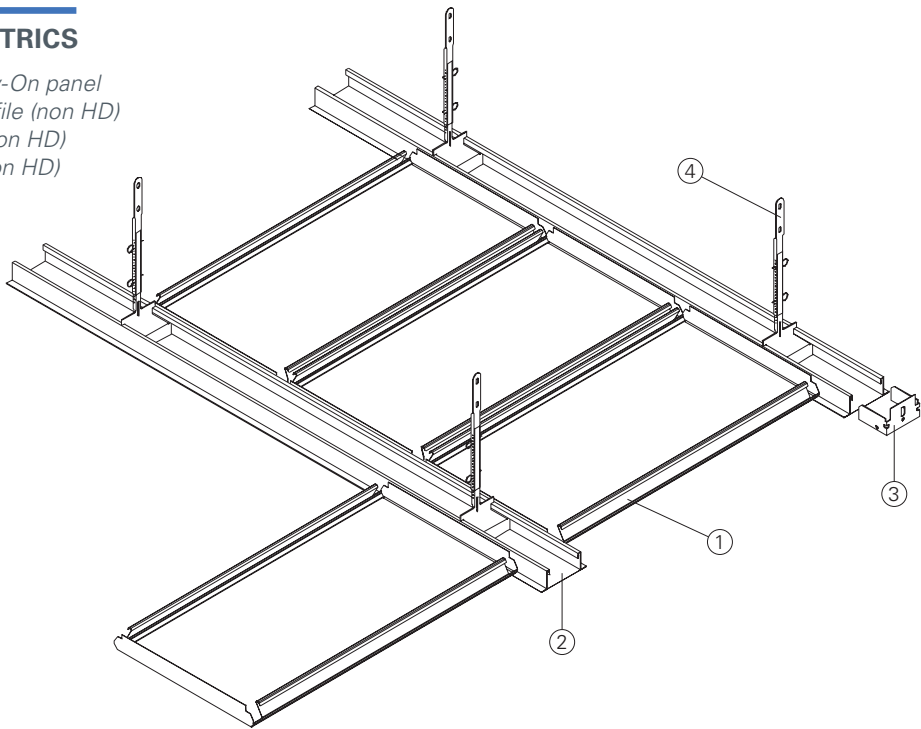
KEY FEATURES

- Panel width: 300 mm
- Panel length: 1000 - 2400 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

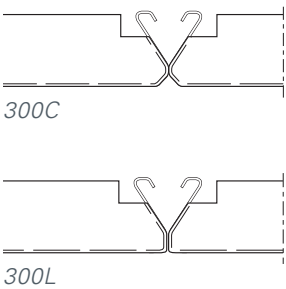
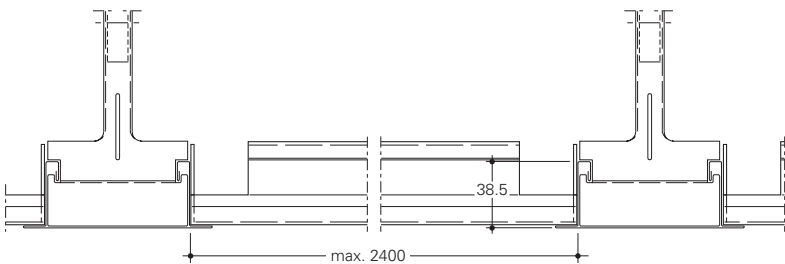


TYPICAL ISOMETRICS

- 1 = 300C/300L Lay-On panel
- 2 = Bandraster profile (non HD)
- 3 = Wall bracket (non HD)
- 4 = Suspension (non HD)

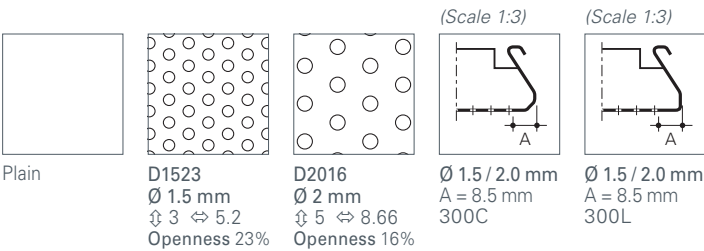


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: Varies 2.9 kg/m² (Al), 6.4 kg/m² (Fe)
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM

REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

MR : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Daylight
EQ : Acoustic Performance

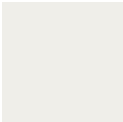
CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation: Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request

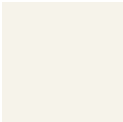
COLOURS AND FINISHES

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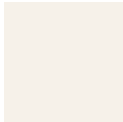
COOL WHITES



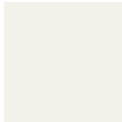
0181
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785

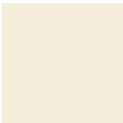


0735

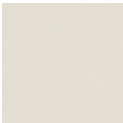


1883
±RAL 9011


WARM WHITES



0280
±RAL 9010



0585



0684

METALS



7163



7007



7178



7113



Project: Brezan automaterialen, Ede, Nederland - Product: Wide Panel 300C/300L (Bandraster) - Architect: VBJ Architectuur en Bouwmanagement



300C/300L metal ceiling panels in C-Grid configuration with V- or square joint detail give easy access to the plenum and provide a smooth finish.

Project: OCMW, Brugge, Belgium - Product: Wide Panel 300C/300L (C-Grid) - Architect: Archinovo

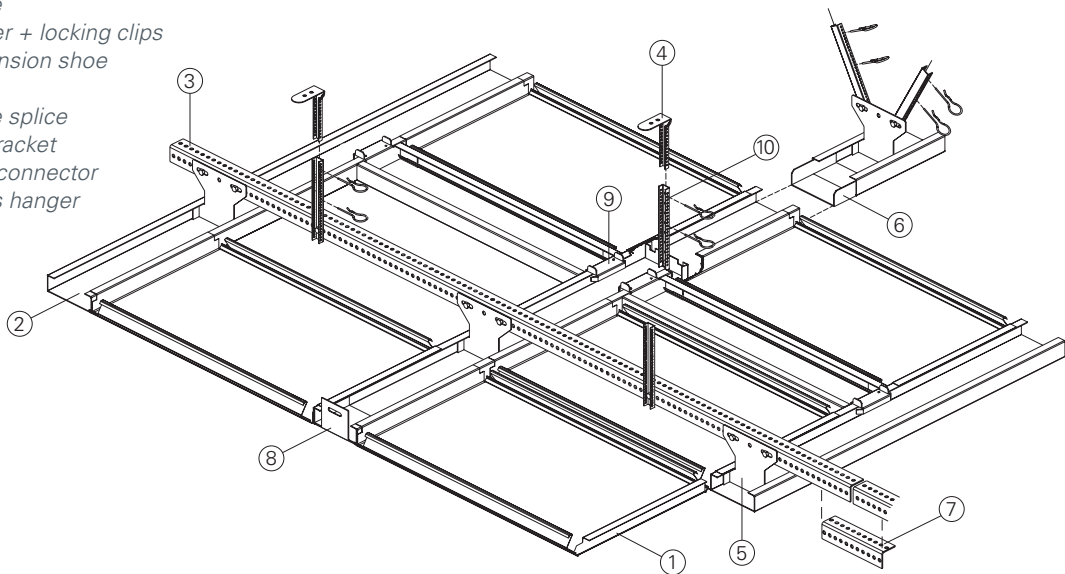
KEY FEATURES

- Panel width: 300 mm
- Panel length: 1000 - 2400 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

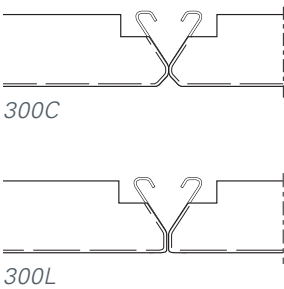
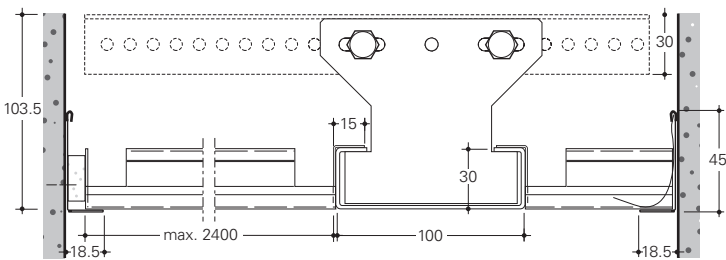


TYPICAL ISOMETRICS

- 1 = 300C/300L C-Grid panel
- 2 = C-Grid profile
- 3 = Primary angle
- 4 = Nonius hanger + locking clips
- 5 = C-Grid suspension shoe
- 6 = C-Grid splice
- 7 = Primary angle splice
- 8 = C-Grid wall bracket
- 9 = C-Grid cross connector
- 10= C-Grid nonius hanger

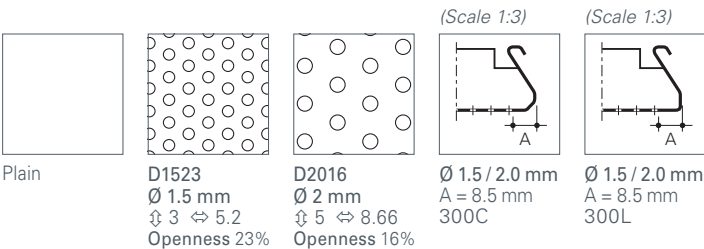


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: Varies 2.9 kg/m² (Al), 6.4 kg/m² (Fe)
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

MR : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Daylight
EQ : Acoustic Performance

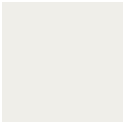
CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation: Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request

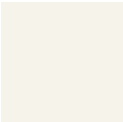
COLOURS AND FINISHES

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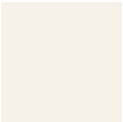
COOL WHITES



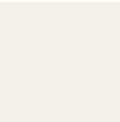
0181
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785



0735

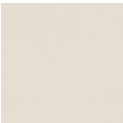


1883
±RAL 9011

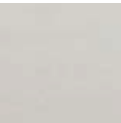
WARM WHITES



0280
±RAL 9010



0585



0684

METALS



7163



7007



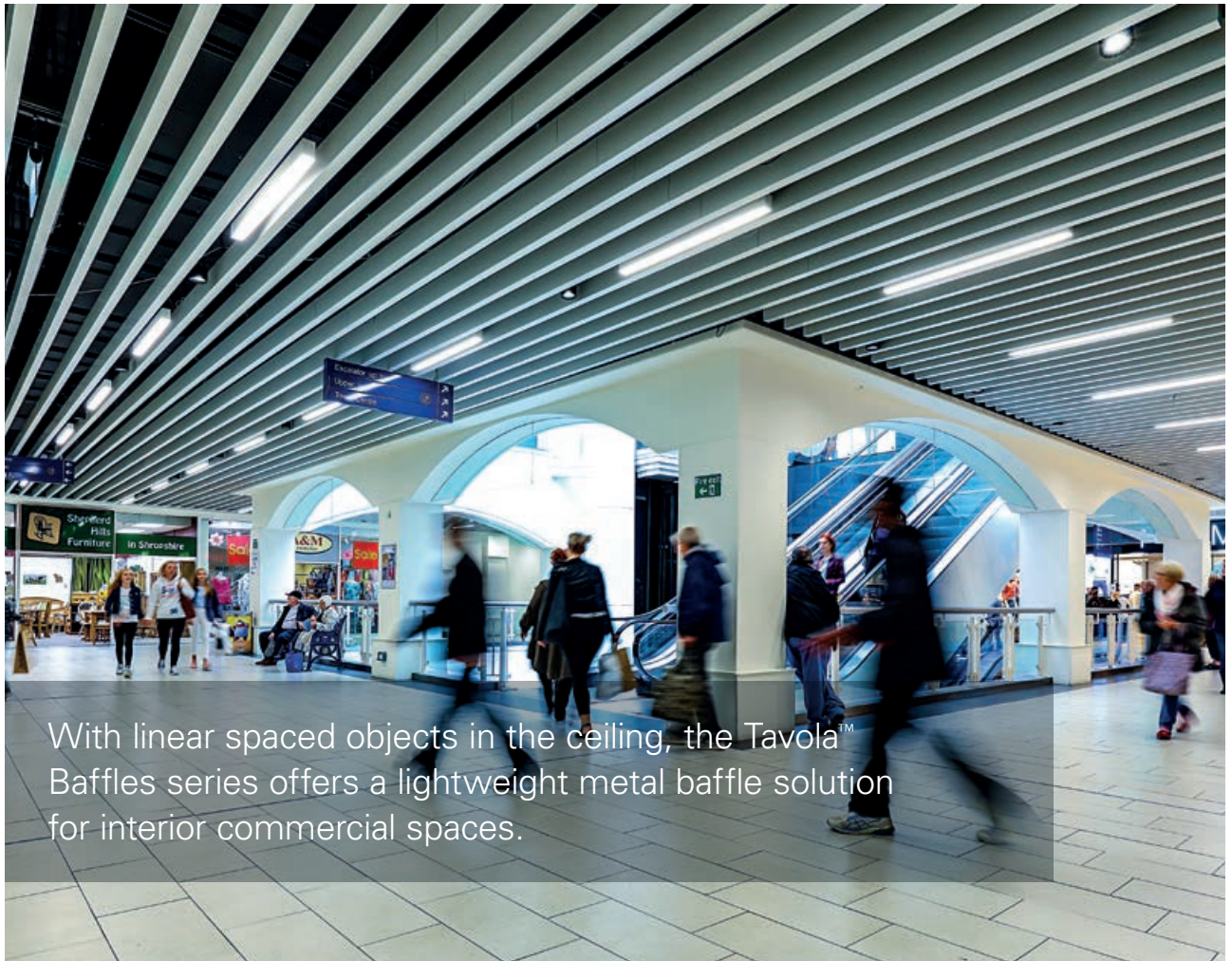
7178



7113



Project: Employee restaurant, Denmark - Product: Wide Panel 300C/300L (C-Grid)



With linear spaced objects in the ceiling, the Tavola™ Baffles series offers a lightweight metal baffle solution for interior commercial spaces.

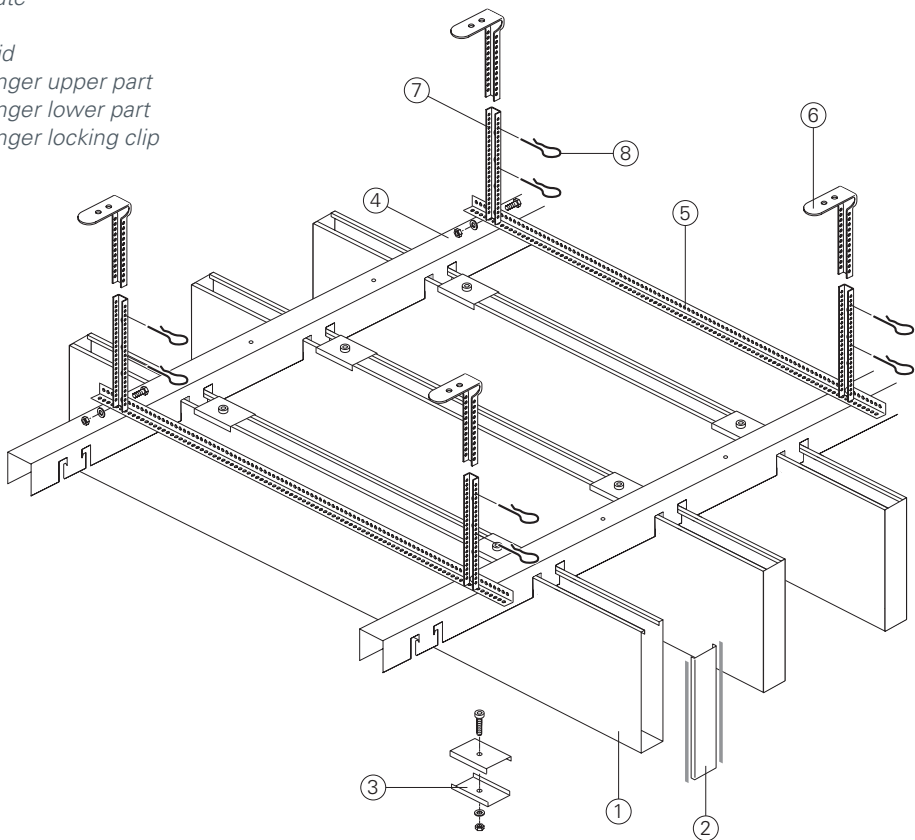
Project: Darwin Centre, Shrewsbury, UK - Product: Baffles Tavola™ (Straight) - Architect: Chapman Taylor

KEY FEATURES

- Profile lengths up to 5000 mm
- Profile heights: 50 - 300 mm
- Profile widths: 20, 30, 40 and 50 mm
- Standard FE carrier 40 x 50 mm, black
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight steel or aluminum
- Standard from pre-painted steel strip
- Easy plenum access

TYPICAL ISOMETRICS

- 1 = Tavola™ Baffle
- 2 = End cap
- 3 = Locking plate
- 4 = Carrier
- 5 = Primary grid
- 6 = Nonius hanger upper part
- 7 = Nonius hanger lower part
- 8 = Nonius hanger locking clip



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s2,d0 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.4 - 0.5 (H): See page 352

BIM
REVIT files available for BIM contributions,
see website for details.

LEED V4 CREDITS

MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Acoustic Performance

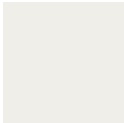
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

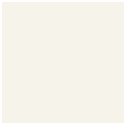
COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

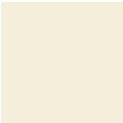
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS








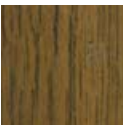
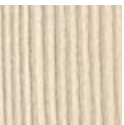
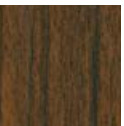
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

 <p>Fonthill Cherry 8426</p>	 <p>Walnut 8424</p>	 <p>Amber Bamboo 8435</p>	 <p>African Wenge 8944</p>	 <p>Grey Barnwood Cedar 8437</p>	 <p>Golden Douglas Fir 8436</p>	 <p>American Oak 8439</p>	 <p>Cajun Cypress 8442</p>
 <p>Swamp Cypress 8444</p>	 <p>Clipper Teak 8446</p>	 <p>Windjammer Teak 8449</p>	 <p>Douglas Fir 8452</p>	 <p>Anigre 8453</p>	 <p>Farm Maple 8458</p>	 <p>Caravel Teak 8460</p>	 <p>Regatta Teak 8461</p>
 <p>Summer Maple 8465</p>	 <p>Terrace Maple 8466</p>	 <p>Red River Pecan 8467</p>	 <p>Bayou Pecan 8468</p>	 <p>Northwest Mountain Hemlock 8489</p>	 <p>Whitewash 8498</p>	 <p>Rustic Cherry 8939</p>	 <p>Cherry 8942</p>




LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.

 <p>Oak 8920</p>	 <p>Maple 8921</p>	 <p>Cherry 8922</p>	 <p>Cypress 8925</p>	 <p>Grey Cedar 8931</p>	 <p>Teak 8923</p>	 <p>Whitewash 8924</p>	 <p>Walnut 8927</p>
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COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

 <p>Cherry 8928</p>	 <p>Teak 8929</p>	 <p>Dark Walnut 8930</p>
--	--	---

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish

 <p>Satin 7772C</p>	 <p>Brushed 7774C</p>	 <p>Bright 7776C</p>	 <p>Mirror 7778C</p>
--	---	---	---



Project: Law firm Wragge Lawrence Graham & Co, Birmingham, United Kingdom - Product: Baffles Tavola™ (Straight) - Architect: Project architects Weedon



Create relief and rhythm within the ceiling by varying the depth and space between the baffles.

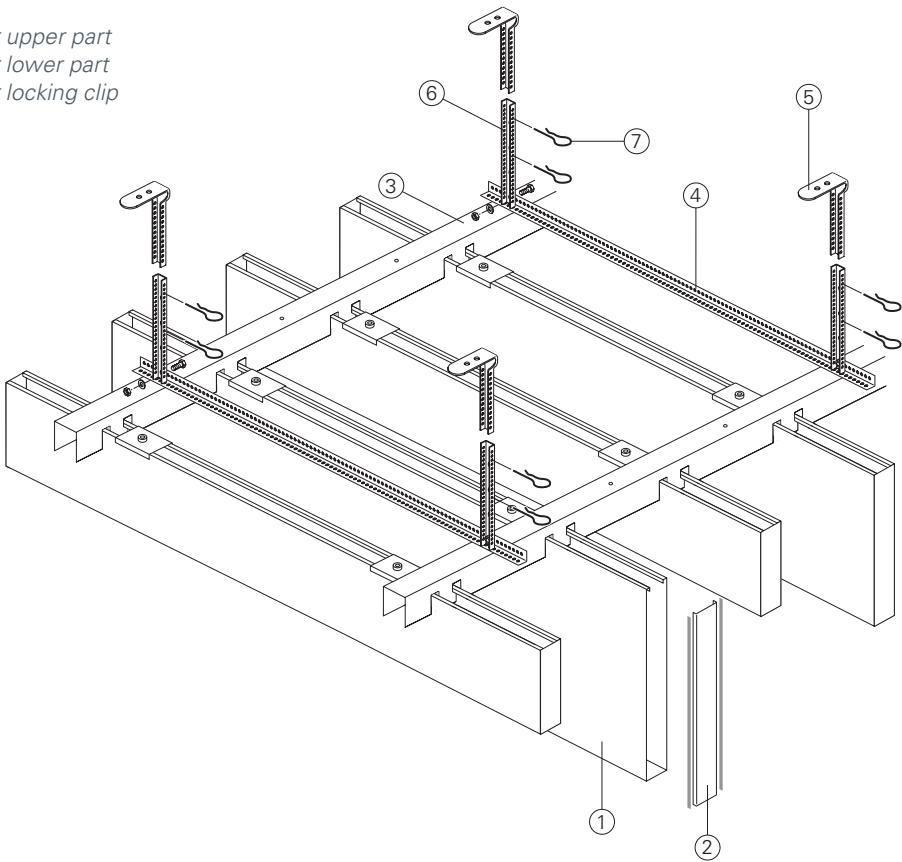
Project: Tavola™ Levels Concept

KEY FEATURES

- Profile lengths up to 5000 mm
- Profile heights: 50 - 300 mm
- Profile widths: 20, 30, 40 and 50 mm
- Standard FE carrier 40 x 50 mm, black
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight steel or aluminum
- Standard from pre-painted steel strip
- Easy plenum access

TYPICAL ISOMETRICS

- 1 = Tavola™ Baffle
- 2 = End cap
- 3 = Carrier
- 4 = Primary grid
- 5 = Nonius hanger upper part
- 6 = Nonius hanger lower part
- 7 = Nonius hanger locking clip



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇄ 4	D2022 Ø 2 mm ⌈ 5 ⇄ 5	R1511 Ø 1.5 mm ⌈ 4 ⇄ 4	R2011 Ø 2 mm ⌈ 5 ⇄ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇄ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s2,d0 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.4 - 0.5 (H): See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Acoustic Performance

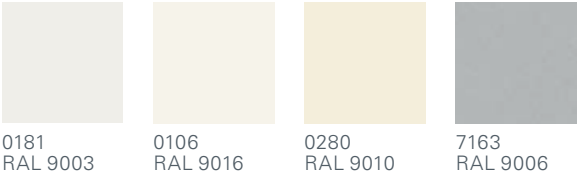
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

STANDARD PAINT COLOURS



CUSTOM COLOURS



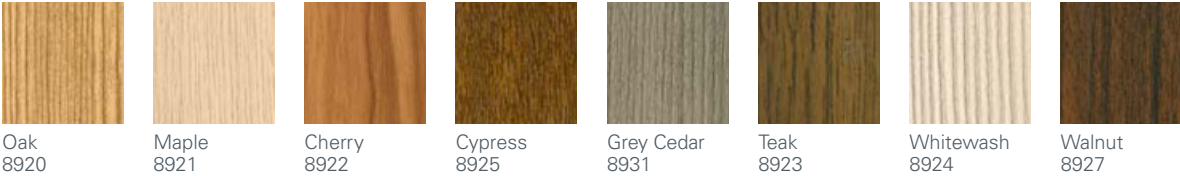
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



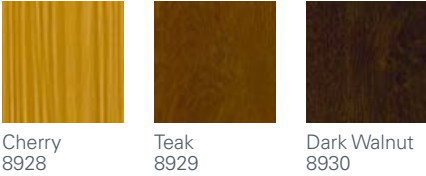
LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.



COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.



STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Bucharest Veranda shopping mall, Bucharest, Romania - Products: Baffles V100/V200 (Screens) - Architect: Chapman Taylor Studio 10M



Non-parallel, diverging baffles create organic textures in an unlimited variety of configurations for the interior

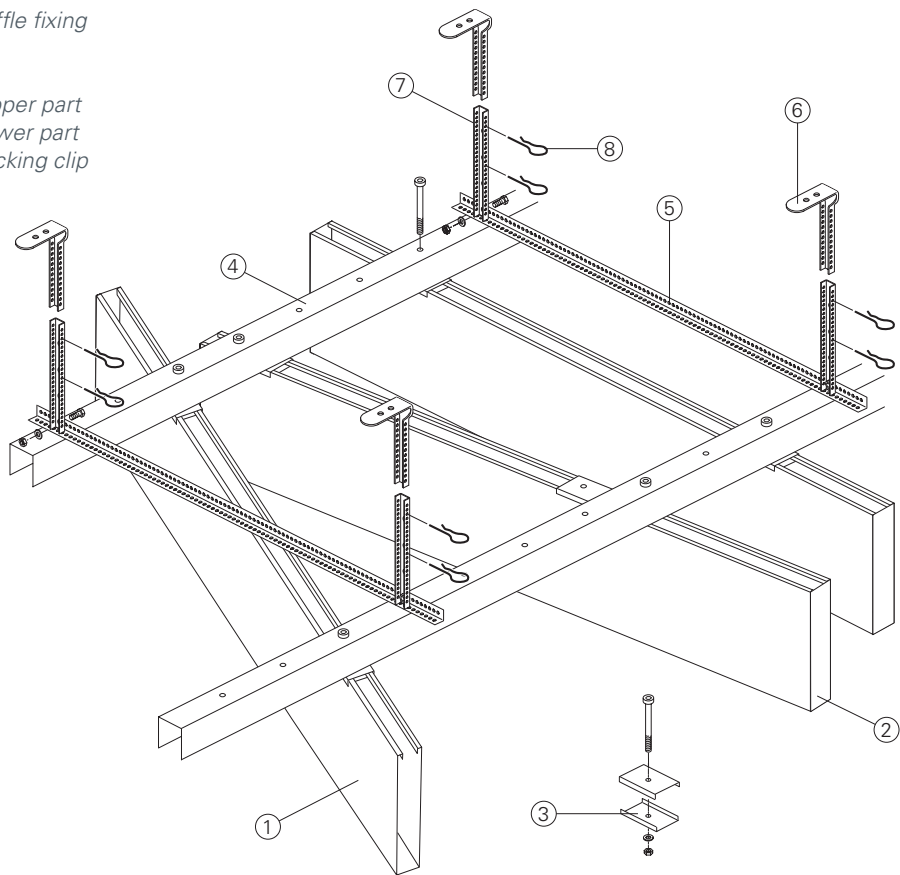
Project: Booking.com, Orlando, FL - Product: Baffles Tavola™ (Divergent) - Photo credit: MACBETH PHOTO

KEY FEATURES

- Profile lengths up to 5000 mm
- Profile heights: 50 - 300 mm
- Profile widths: 20, 30, 40 and 50 mm
- Standard FE carrier 40 x 50 mm, black
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight steel or aluminum
- Standard from pre-painted steel strip
- Easy plenum access

TYPICAL ISOMETRICS

- 1 = Tavola™ Baffle
- 2 = End cap
- 3 = Locking plate/ Baffle fixing
- 4 = Carrier
- 5 = Primary grid
- 6 = Nonius hanger upper part
- 7 = Nonius hanger lower part
- 8 = Nonius hanger locking clip



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

D1522 Ø 1.5 mm ⌈ 4 ⇔ 4	D2022 Ø 2 mm ⌈ 5 ⇔ 5	R1511 Ø 1.5 mm ⌈ 4 ⇔ 4	R2011 Ø 2 mm ⌈ 5 ⇔ 5	R2516 Ø 2.5 mm ⌈ 5.5 ⇔ 5.5
Openness 22%	Openness 22%	Openness 11%	Openness 11%	Openness 16%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s2,d0 according EN 13501-1
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.4 - 0.5 (H): See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Acoustic Performance

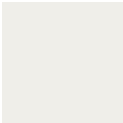
CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A

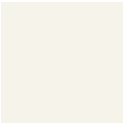
COLOURS AND FINISHES

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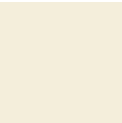
STANDARD PAINT COLOURS



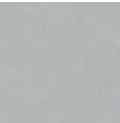
0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS








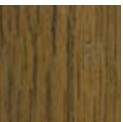
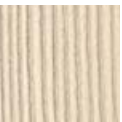
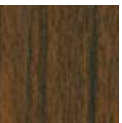
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

 <p>Fonthill Cherry 8426</p>	 <p>Walnut 8424</p>	 <p>Amber Bamboo 8435</p>	 <p>African Wenge 8944</p>	 <p>Grey Barnwood Cedar 8437</p>	 <p>Golden Douglas Fir 8436</p>	 <p>American Oak 8439</p>	 <p>Cajun Cypress 8442</p>
 <p>Swamp Cypress 8444</p>	 <p>Clipper Teak 8446</p>	 <p>Windjammer Teak 8449</p>	 <p>Douglas Fir 8452</p>	 <p>Anigre 8453</p>	 <p>Farm Maple 8458</p>	 <p>Caravel Teak 8460</p>	 <p>Regatta Teak 8461</p>
 <p>Summer Maple 8465</p>	 <p>Terrace Maple 8466</p>	 <p>Red River Pecan 8467</p>	 <p>Bayou Pecan 8468</p>	 <p>Northwest Mountain Hemlock 8489</p>	 <p>Whitewash 8498</p>	 <p>Rustic Cherry 8939</p>	 <p>Cherry 8942</p>




LAMINATED (FILM) WOOD OPTIONS

Pre-painted coil with a PVC film finish, for interior only.

 <p>Oak 8920</p>	 <p>Maple 8921</p>	 <p>Cherry 8922</p>	 <p>Cypress 8925</p>	 <p>Grey Cedar 8931</p>	 <p>Teak 8923</p>	 <p>Whitewash 8924</p>	 <p>Walnut 8927</p>
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COIL COATED WOOD-LOOK OPTIONS

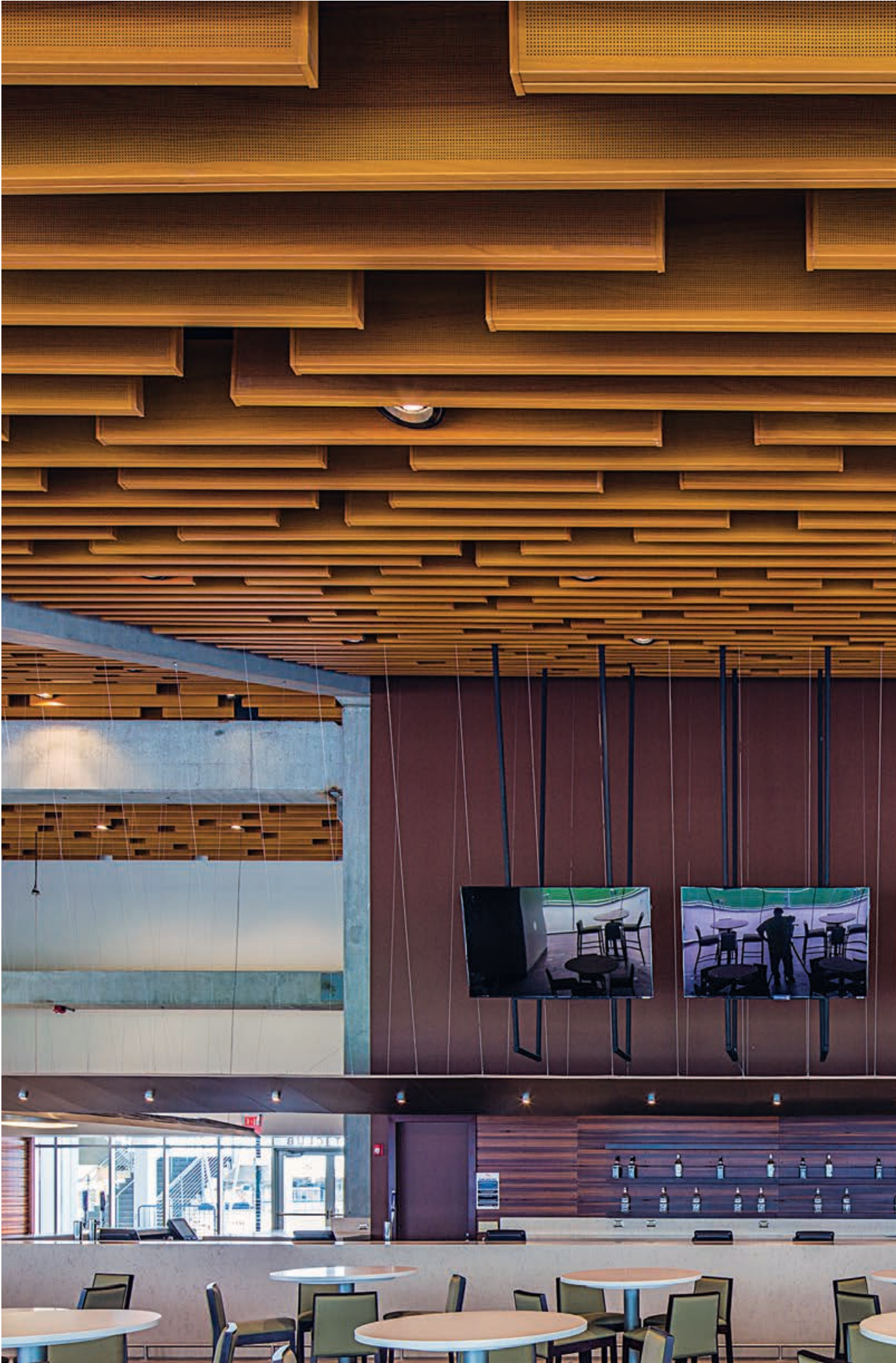
Coil-coated paint finishes are suitable for interior applications.

 <p>Cherry 8928</p>	 <p>Teak 8929</p>	 <p>Dark Walnut 8930</p>
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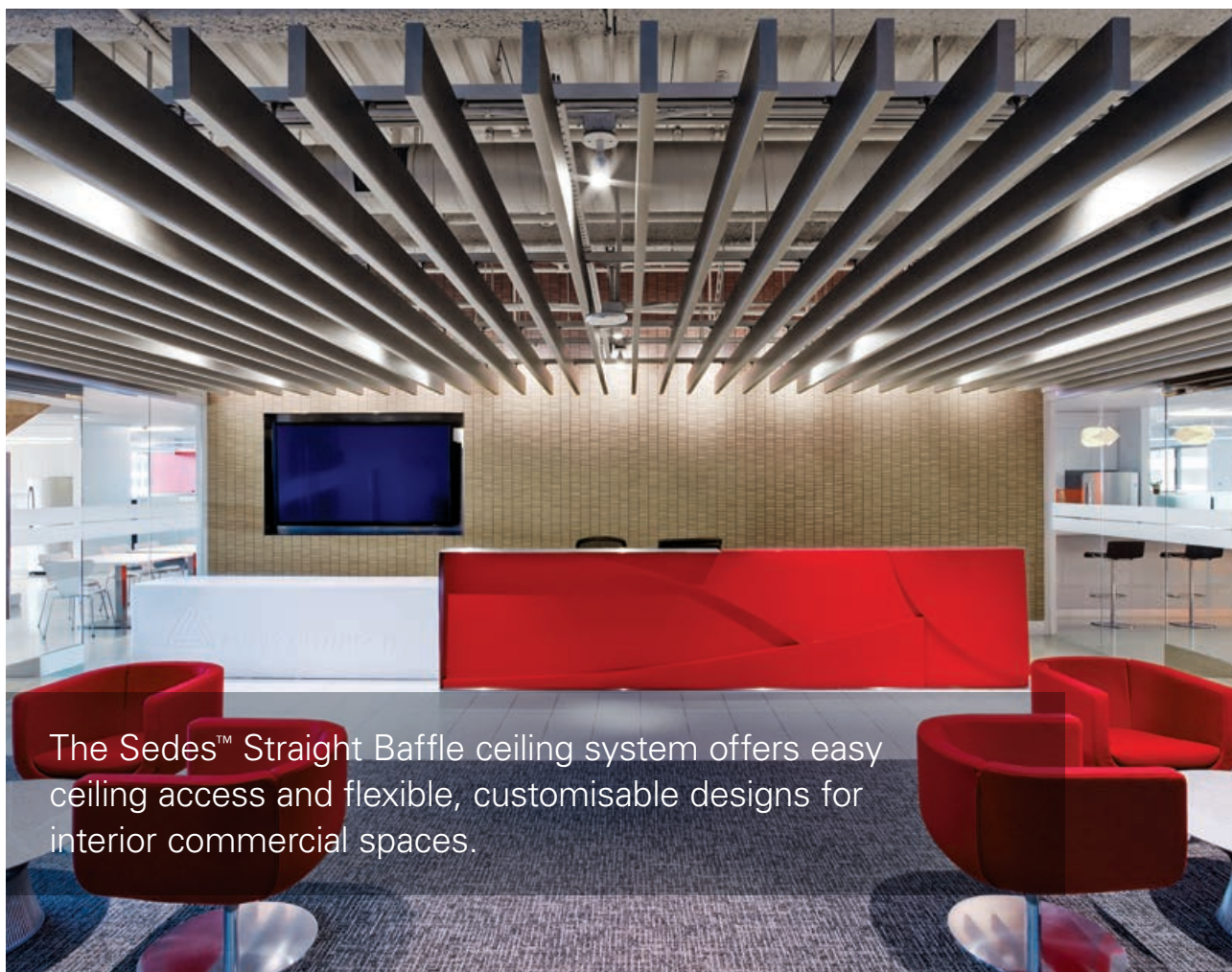
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish

 <p>Satin 7772C</p>	 <p>Brushed 7774C</p>	 <p>Bright 7776C</p>	 <p>Mirror 7778C</p>
--	---	---	---



Project: Citrus Bow, Orlando, FL, USA - Product: Baffles Tavola™ (Divergent) - Photo credits Bob Perzel



The Sedes™ Straight Baffle ceiling system offers easy ceiling access and flexible, customisable designs for interior commercial spaces.

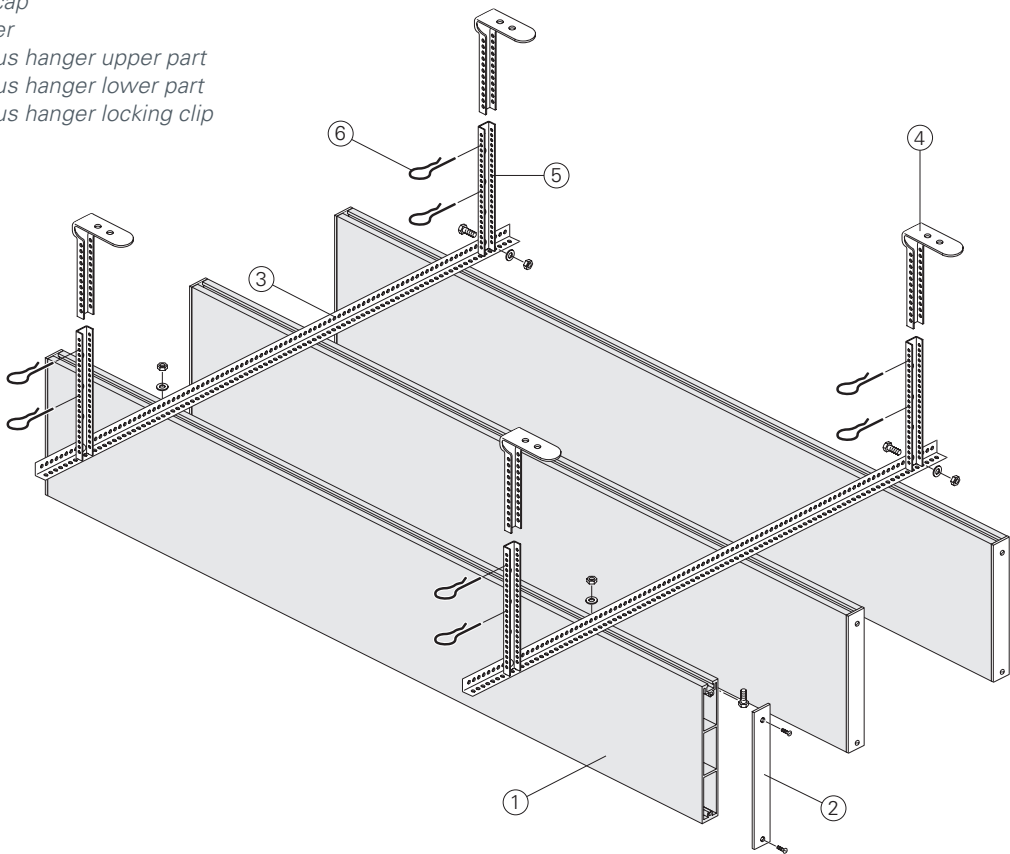
Project: Avery Dennison, Glendale, CA - Product: Baffles Sedes™ (Straight)

KEY FEATURES

- Profile lengths up to 6000 mm (longer lengths on request)
- Profile heights: 50 - 300 mm
- Profile widths: 20, 30, 40 and 50 mm
- Standard angle profile as carrier
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Extruded aluminium profile
- Easy plenum access

TYPICAL ISOMETRICS

- 1 = Sedes™ Baffle
- 2 = End cap
- 3 = Carrier
- 4 = Nonius hanger upper part
- 5 = Nonius hanger lower part
- 6 = Nonius hanger locking clip



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: Varies 7 - 12.5 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

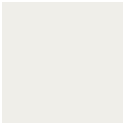
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment

CERTIFICATIONS
TAIM QS
French VOC Regulation: Class A

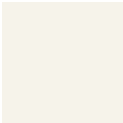
COLOURS AND FINISHES

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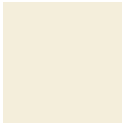
STANDARD PAINT COLOURS




0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS



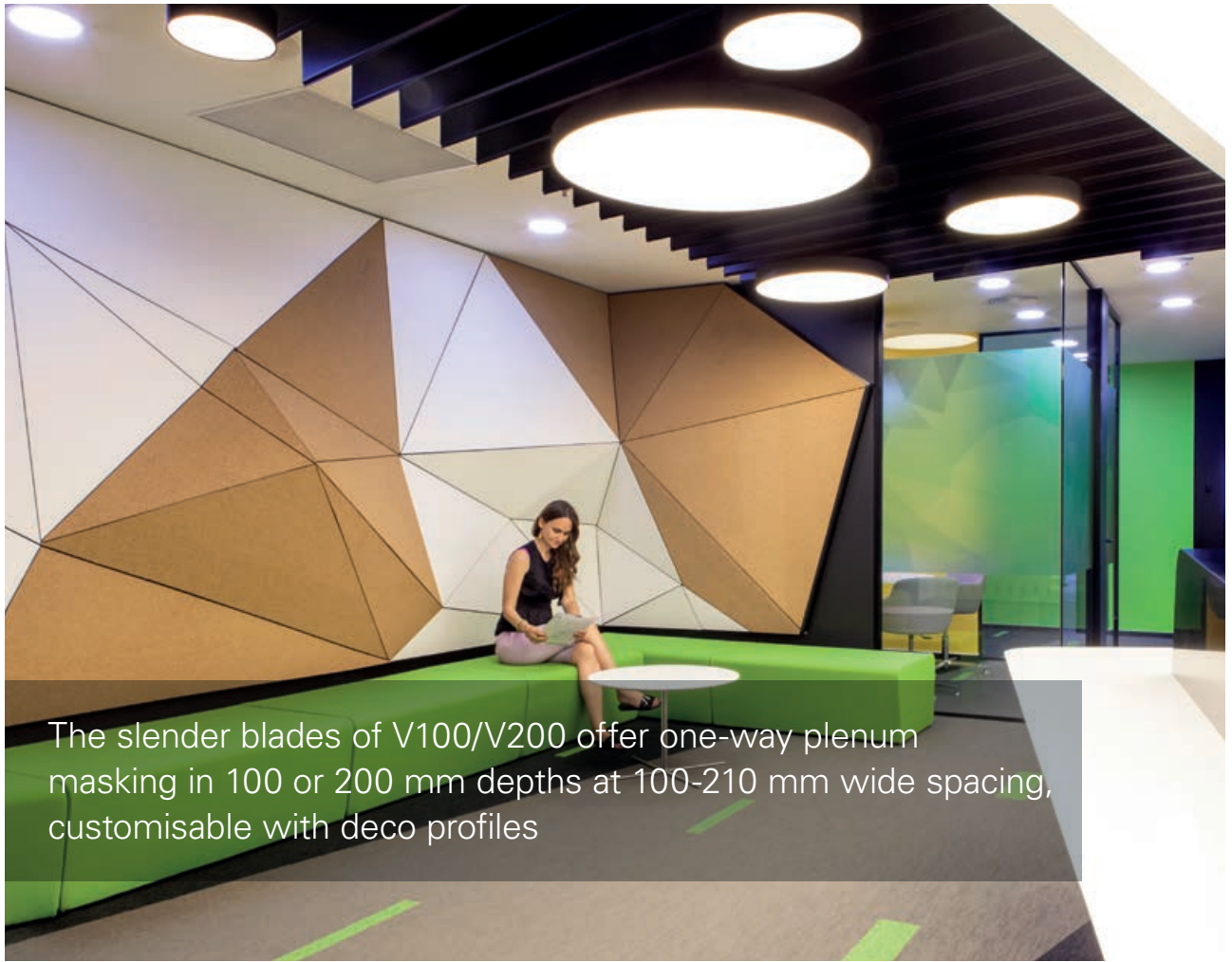
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

 <p>Fonthill Cherry 8426</p>	 <p>Walnut 8424</p>	 <p>Amber Bamboo 8435</p>	 <p>African Wenge 8944</p>	 <p>Grey Barnwood Cedar 8437</p>	 <p>Golden Douglas Fir 8436</p>	 <p>American Oak 8439</p>	 <p>Cajun Cypress 8442</p>
 <p>Swamp Cypress 8444</p>	 <p>Clipper Teak 8446</p>	 <p>Windjammer Teak 8449</p>	 <p>Douglas Fir 8452</p>	 <p>Anigre 8453</p>	 <p>Farm Maple 8458</p>	 <p>Caravel Teak 8460</p>	 <p>Regatta Teak 8461</p>
 <p>Summer Maple 8465</p>	 <p>Terrace Maple 8466</p>	 <p>Red River Pecan 8467</p>	 <p>Bayou Pecan 8468</p>	 <p>Northwest Mountain Hemlock 8489</p>	 <p>Whitewash 8498</p>	 <p>Rustic Cherry 8939</p>	 <p>Cherry 8942</p>



Project: Ikea, Roncadelle, Italy - Product: Baffles Sedes™ (Straight)



The slender blades of V100/V200 offer one-way plenum masking in 100 or 200 mm depths at 100-210 mm wide spacing, customisable with deco profiles

Project: VEEAM Headquarters, Bucharest, Romania - Product: Baffles V100/V200 (Screens) - Architect: AMA Design (Anda Manu)

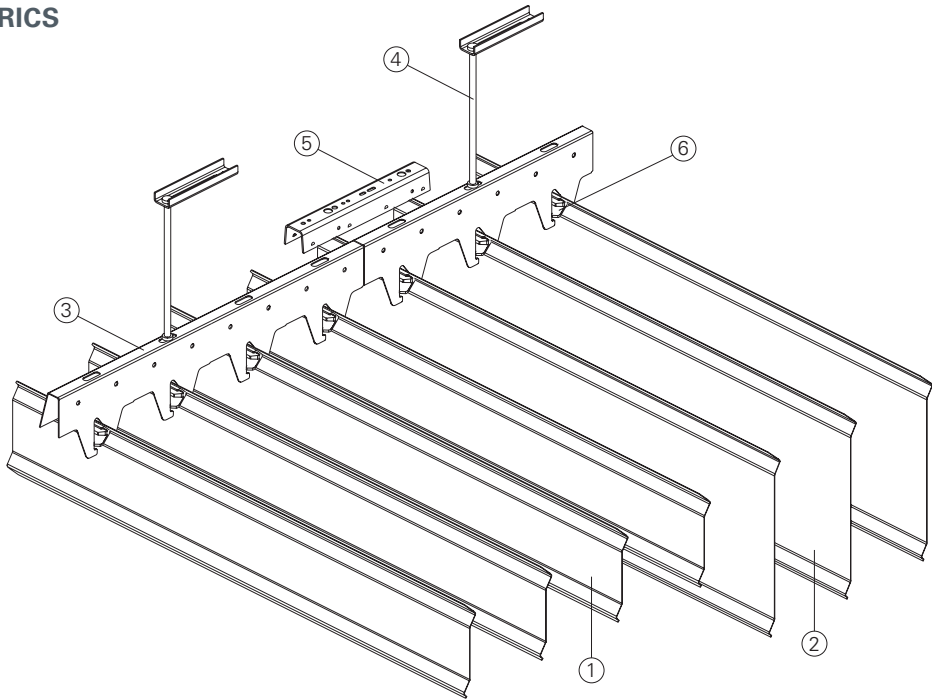
KEY FEATURES

- Panel length: 800 mm up to 6000 mm
- Panel heights: 100 mm (V100); 200 mm (V200)
- Sliding carriers can be used for repeated plenum access areas
- Also available in exterior application (V100 only)
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- Option of deco profile clipped to the bottom of the V100/200 blade. In extruded aluminium or solid wood

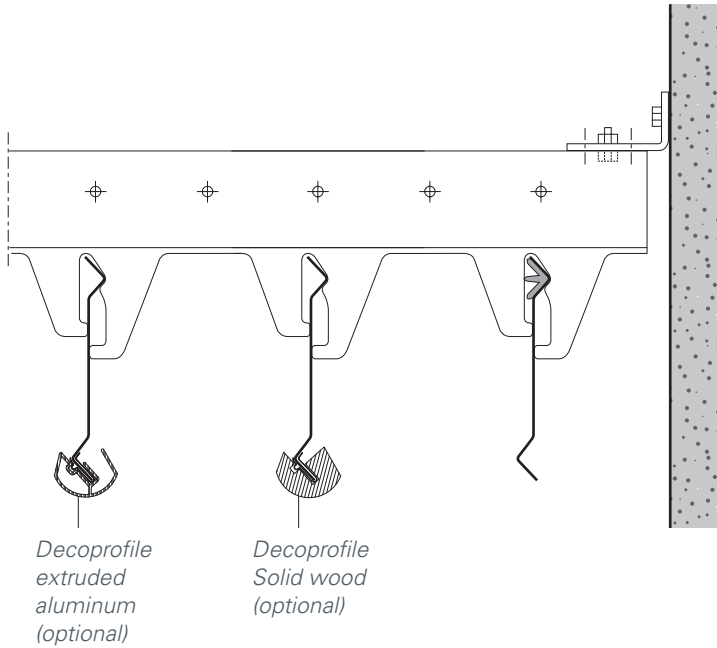


TYPICAL ISOMETRICS

- 1 = V100 panel
- 2 = V200 panel
- 3 = Carrier
- 4 = Hanger
- 5 = Carrier splice
- 6 = Panel fixing clip



TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: varies ca 1.1 kg/m² - 3.9 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment

CERTIFICATIONS

ISO 9001
ISO 14001
TAIM certified
French VOC Regulation: Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181
±RAL 9003



0280
±RAL 9010



1883
±RAL 9011




7163
±RAL 9006


CUSTOM COLOURS




WOOD TONES




8476
Cedar




8474
Pine



8494
Oak




8492
Birch

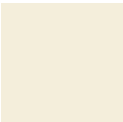


8472
Palisander

FARBOPTIONEN DEKOPROFILE ALUMINIUM




Alu natural
anodised




RAL 9010

COLOUR OPTIONS DECOPROFILES WOOD



4654
Cherry



4258
Steamed
beech

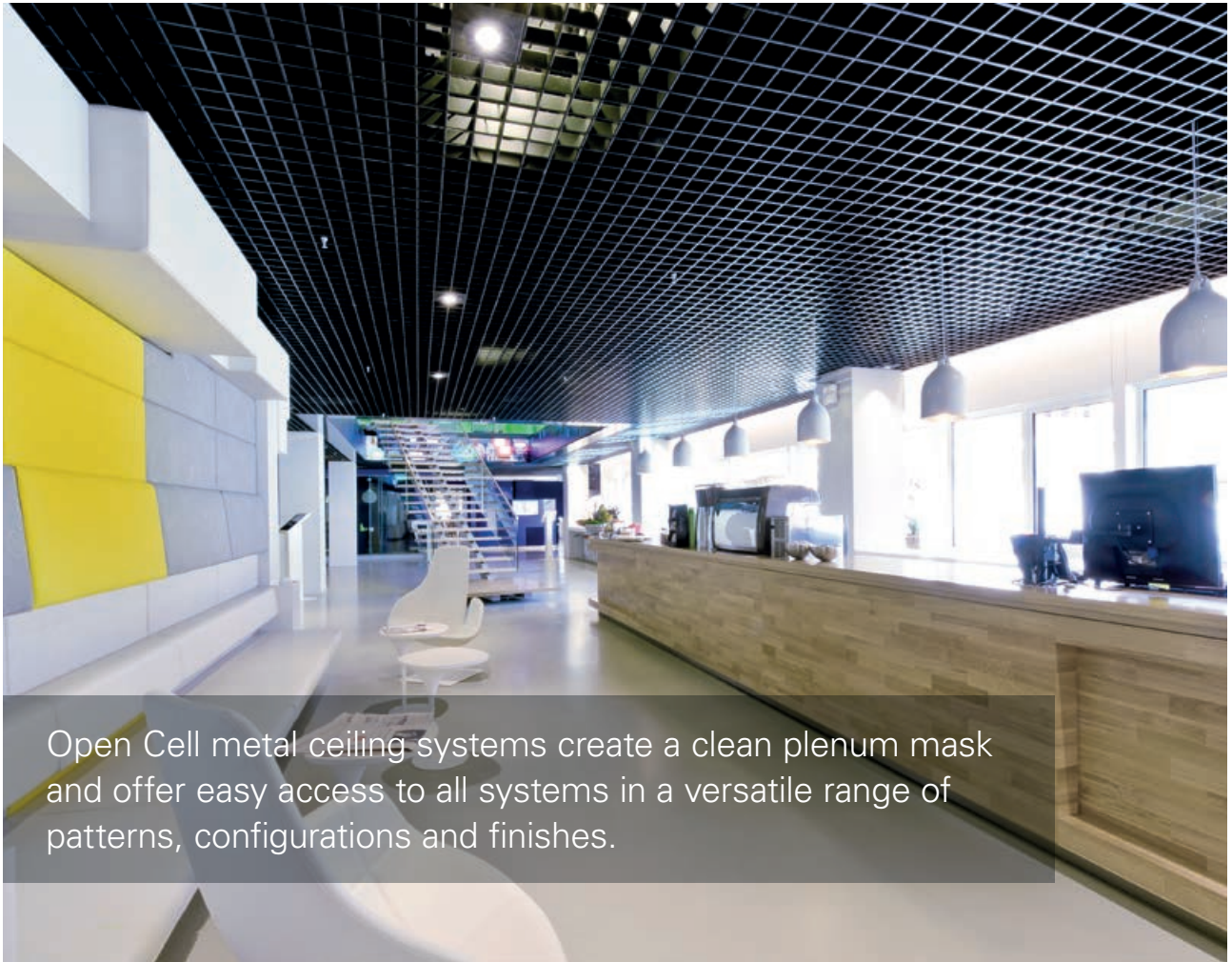


Project: Bucharest Veranda shopping mall, Bucharest, Romania - Products: Baffles V100/V200 (Screens) - Architect: Chapman Taylor Studio 10M



Project: Bucharest Veranda shopping mall, Bucharest, Romania - Products: Baffles V100/V200 (Screens) with Deco profiles
Architect: Chapman Taylor Studio 10M





Open Cell metal ceiling systems create a clean plenum mask and offer easy access to all systems in a versatile range of patterns, configurations and finishes.

Project: Corio Nederland, Utrecht, The Netherlands - Product: Cell 40/50/50E - Architect: OTH, Ferdinand van Dam

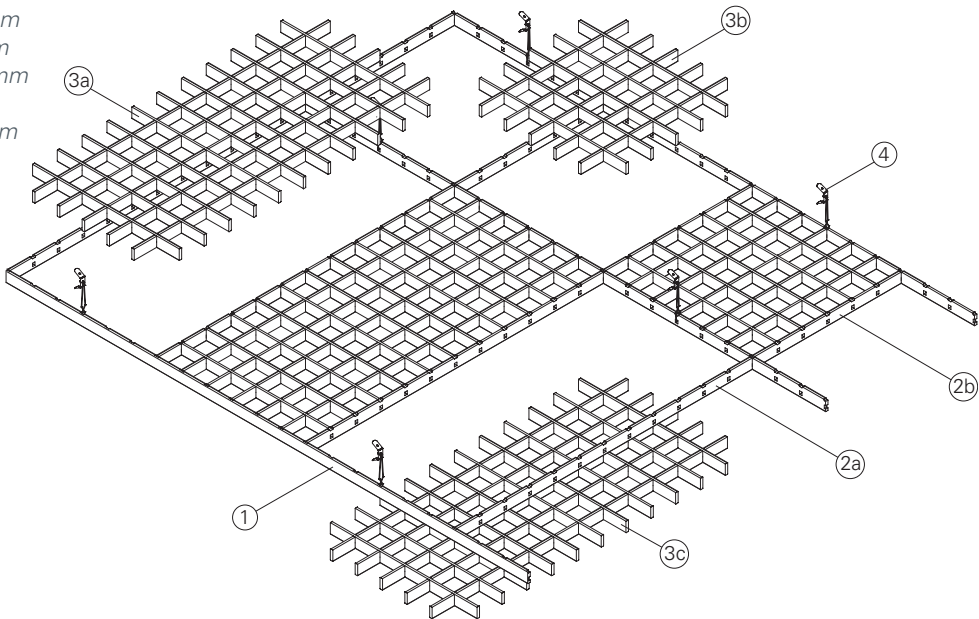
KEY FEATURES

- Tile dimensions 600 x 600 mm and 600 x 1200 mm
- Profile heights: 40 and 50 mm
- Profile width 10 mm
- Standard modules 50, 60, 75, 86, 100, 120, 150 and 200 mm
- Other dimensions and modules available on request
- Bi-directional plenum mask
- Monolithic design with integrated support structure
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



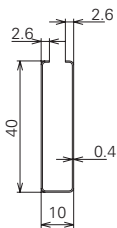
TYPICAL ISOMETRICS

- 1 = Main runner 2400 mm
- 2a= Cross runner 1200 mm
- 2b= Cross runner 600 mm
- 3a= Cell tile 1200 x 600 mm (pre-notched hooks)
- 3b= Cell tile 600 x 600 mm (pre-notched hooks)
- 3c= Cell tile 1200 x 600 or 600 x 600 mm (straight ends, for sliding clip)
- 4 = Cell hanger

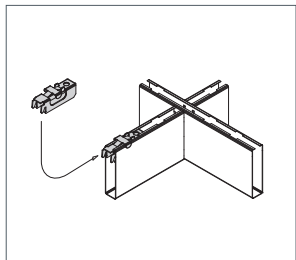


Example Cell40

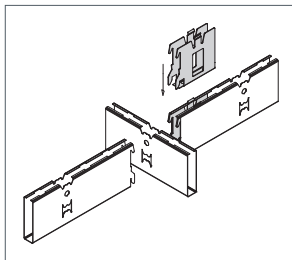
TYPICAL SECTIONS



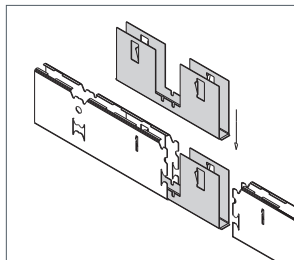
Cell40



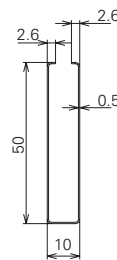
Sliding clip



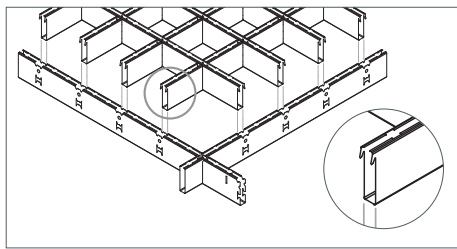
Adaptor bracket



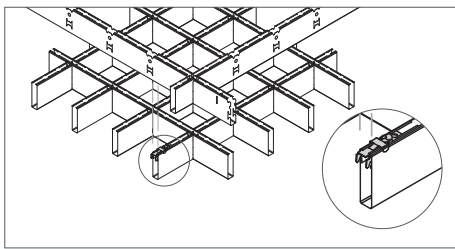
Main runner splice



Cell50 +50E



Pre-notched hooks (all around, Cell40)



Clean-cut ends + sliding clips (4/tile, Cell40, Cell50, Cell50E)

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
- Weight: Varies 2.0 - 5.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

BIM

REVIT files available, see website for details.

LEED V4 CREDITS

- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Ccertified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

STANDARD PAINT COLOURS (CELL40)



0181
±RAL 9003



0280
±RAL 9010



1883
±RAL 9011



7163
±RAL 9006

STANDARD PAINT COLOURS (CELL50E)



0181
±RAL 9003



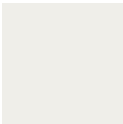
0280
±RAL 9010



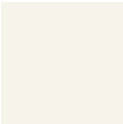
7163
±RAL 9006

STANDARD PAINT COLOURS (CELL50)

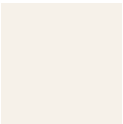
COOL WHITES



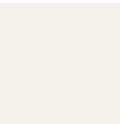
0181
±RAL 9003



0106
±RAL 9016



0299




0179


CUSTOM COLOURS



NATURE TONES



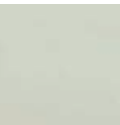
1585



4648



0785



0735



1883
±RAL 9011

WARM WHITES



0280
±RAL 9010



0581
±RAL 9001



0585

METALS



7163



7007




7178




7008

WOOD TONES


(only Cell 50)




8476
Cedar




8474
Pine



8494
Oak



8492
Birch



8472
Palisander



Project: Plantion Afmijnzaal, Ede, the Netherlands - Product: Cell 40/50/50E - Architect: Breddels Architecten



Cell tiles are easily installed on standard grid systems and create a clean plenum mask with easy access to all systems in a versatile range of patterns and finishes.

Project: Port Łódź shopping mall, Łódź, Poland - Product: Cell Tiles (T15) - Architect: NCA

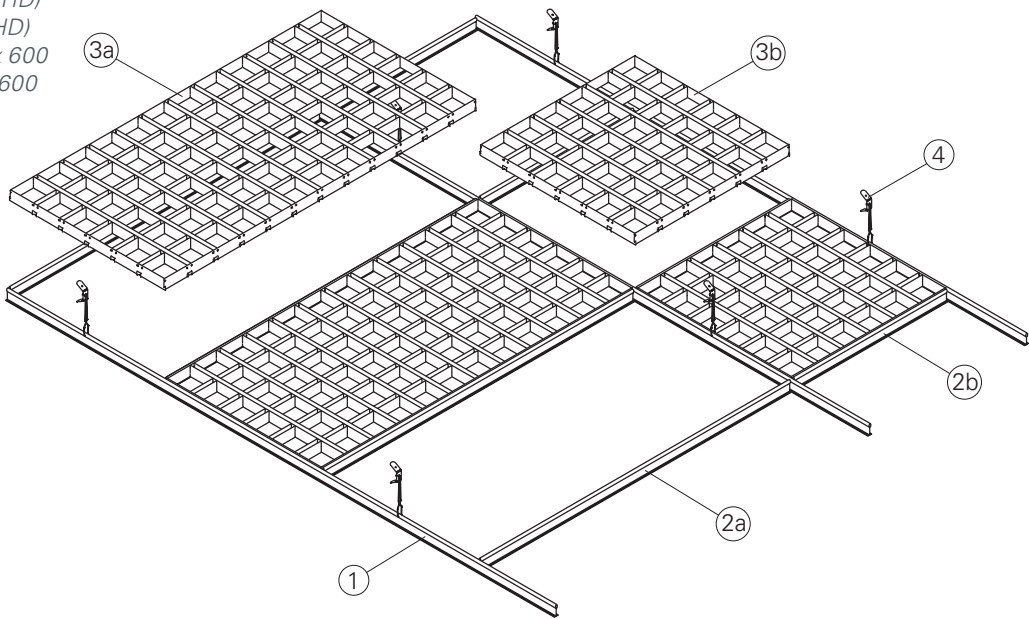
KEY FEATURES

- Tile dimensions 600 x 600 mm and 600 x 1200 mm
- Profile heights: 40 mm
- Profile width 15 mm
- Standard modules 50, 60, 75, 86, 100, 120, 150 and 200 mm
- Other dimensions and modules available on request
- Bi-directional plenum mask
- Fits seamlessly in butted standard T15 grid
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

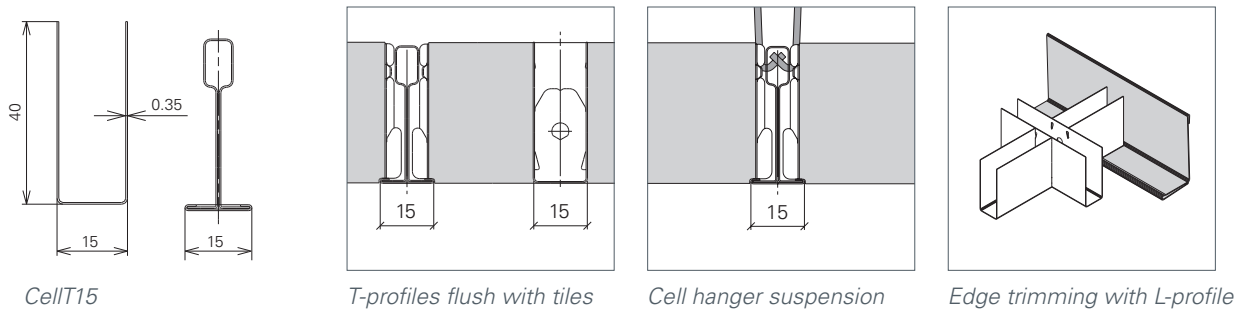


TYPICAL ISOMETRICS

- 1 = Main T-profile 3600 (non HD)
- 2a= Cross T 1200 (non HD)
- 2b= Cross T 600 (non HD)
- 3a= Cell T15 tile 1200 x 600
- 3b= Cell T15 tile 600 x 600
- 4 = Cell hanger



TYPICAL SECTIONS



PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
- Weight: Varies 2.0 - 5.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment

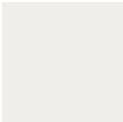
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181
±RAL 9003



1883
±RAL 9011



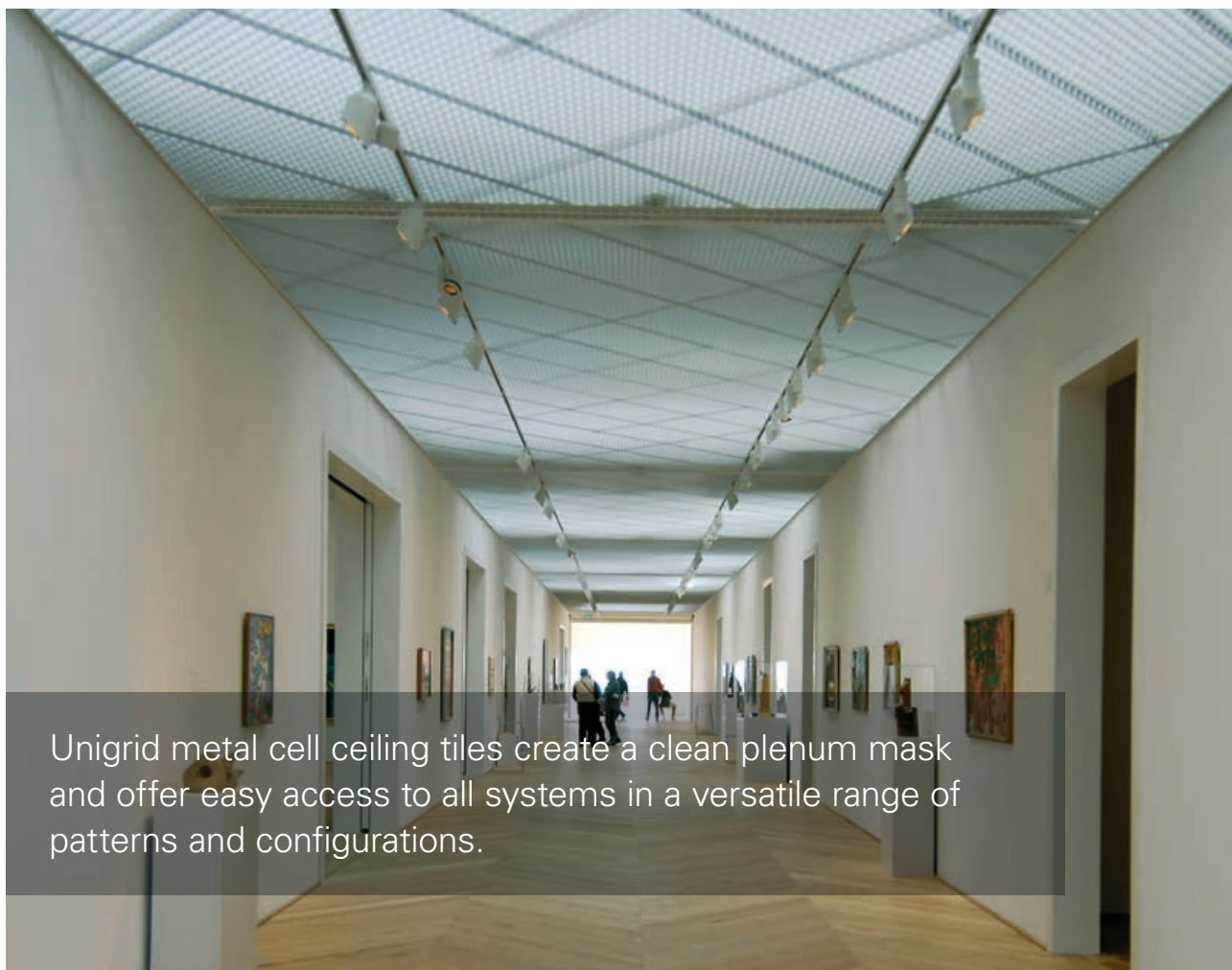
7163
±RAL 9006

CUSTOM COLOURS





Project: Port Łódź shopping mall, Łódź, Poland - Product: Cell Tiles (T15) - Architect: NCA



Unigrid metal cell ceiling tiles create a clean plenum mask and offer easy access to all systems in a versatile range of patterns and configurations.

Project: Fuglsang Kunstmuseum, Lolland, Denmark - Product: Cell Tiles (Unigrid) - Architect: Tony Fretton Architects og BBP Arkitekter

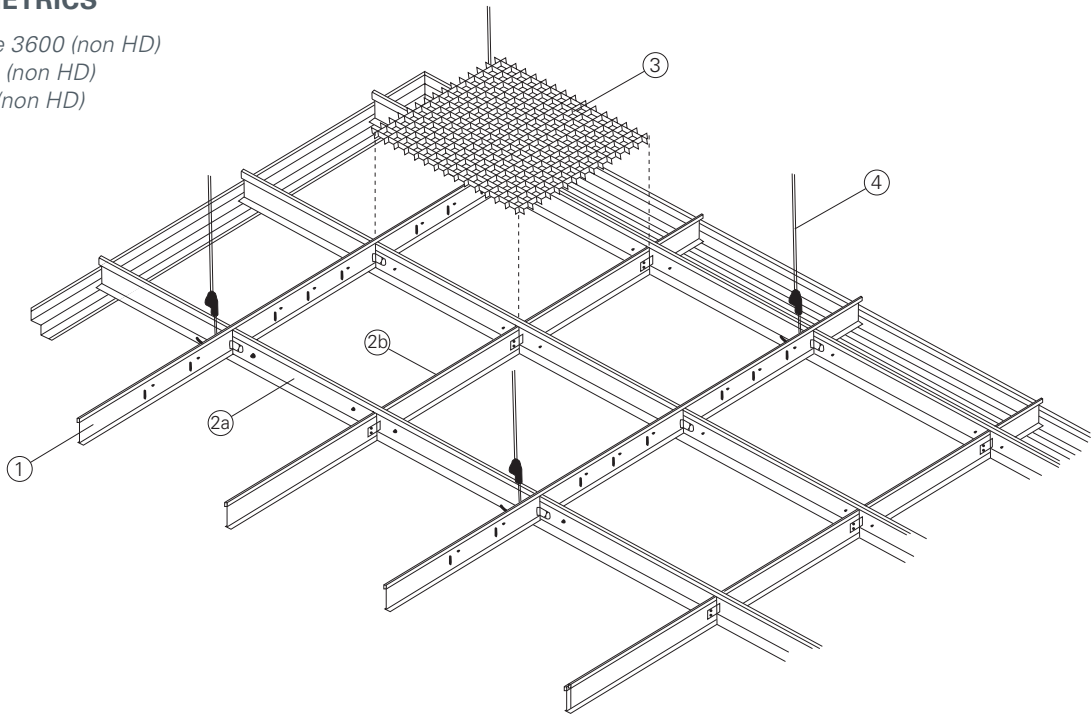
KEY FEATURES

- Tile dimensions 600 x 600 mm and 600 x 1200 mm
- Standard modules 20, 25, 30, 35, 40, 50, 55, 60, 75, 90 and 100 mm
- Profile heights: 17, 20, 25, 30 and 50 mm
- Other dimensions and modules available on request
- Bi-directional plenum mask
- Fits in butted standard T15/T24 grids
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

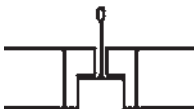


TYPICAL ISOMETRICS

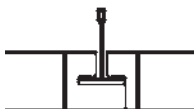
- 1 = Main T-profile 3600 (non HD)
- 2a= Cross T 1200 (non HD)
- 2b= Cross T 600 (non HD)
- 3 = Unigrid tile
- 4 = Hanger



1. Lay-On (T24/T15)

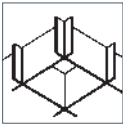


2. Lay-In (T24/T15)



3. Concealed (T24)

TYPICAL SECTIONS



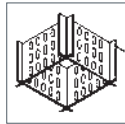
Type Focal



Type Wave



Type Crête



Type Piquée

- Focal : the face is flat
- Wave : the face is undulating
- Crête : the face has an angular pattern
- Piquée : the face is flat, the strips are perforated with vertical oblong perforations

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
- Weight: Varies 1.6 - 3.4 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment

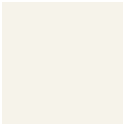
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0106
±RAL 9016



1883
±RAL 9011



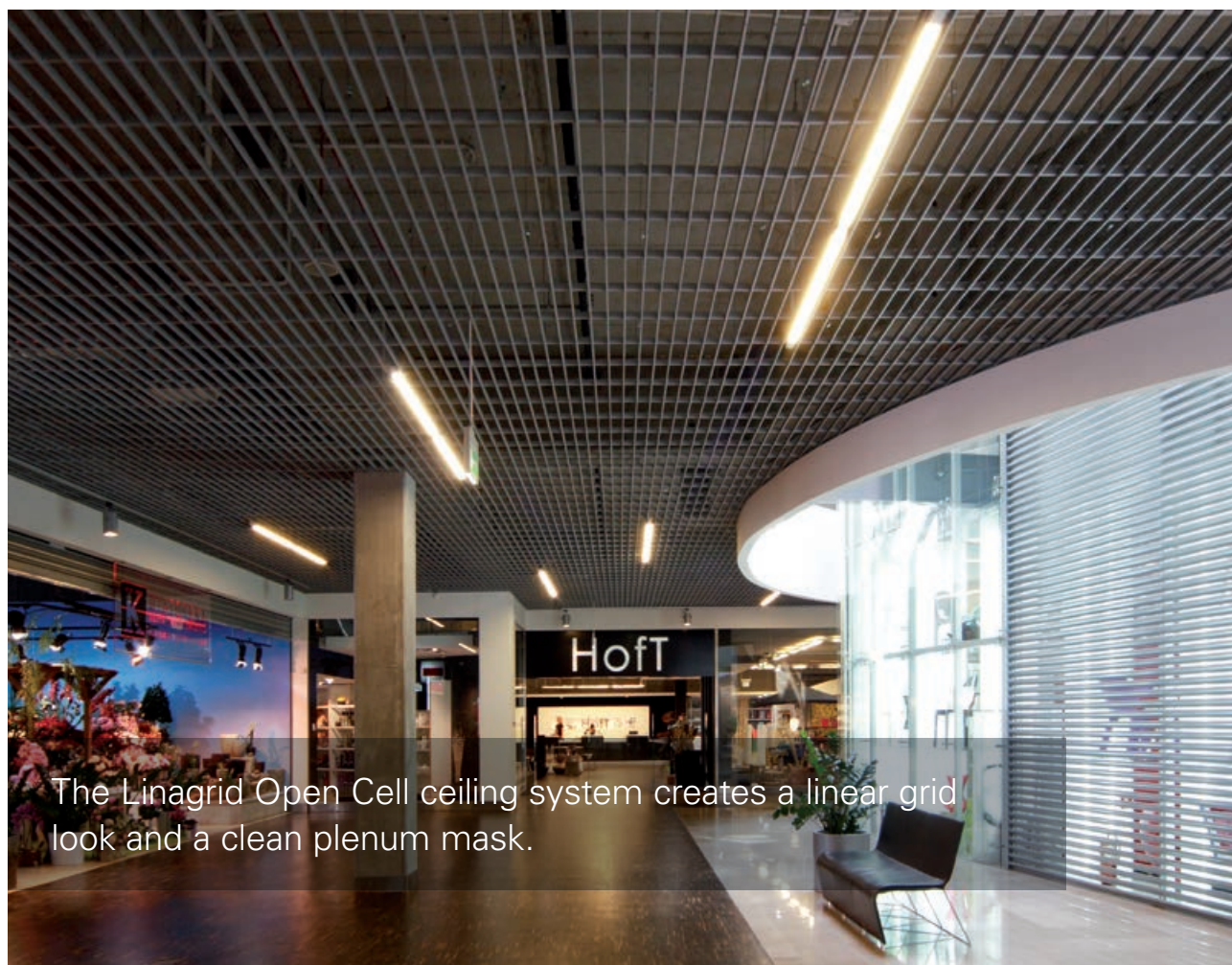
7163
±RAL 9006

CUSTOM COLOURS





Project: Gdansk University Chemistry Faculty, Gdansk - Product: Cell Tiles (Unigrid) - Architect: Warsztat architektury



The Linagrid Open Cell ceiling system creates a linear grid look and a clean plenum mask.

Project: Domoteka. Furniture shopping Mall, Marki, Poland - Product: Cell Linagrid - Architect: Archmo

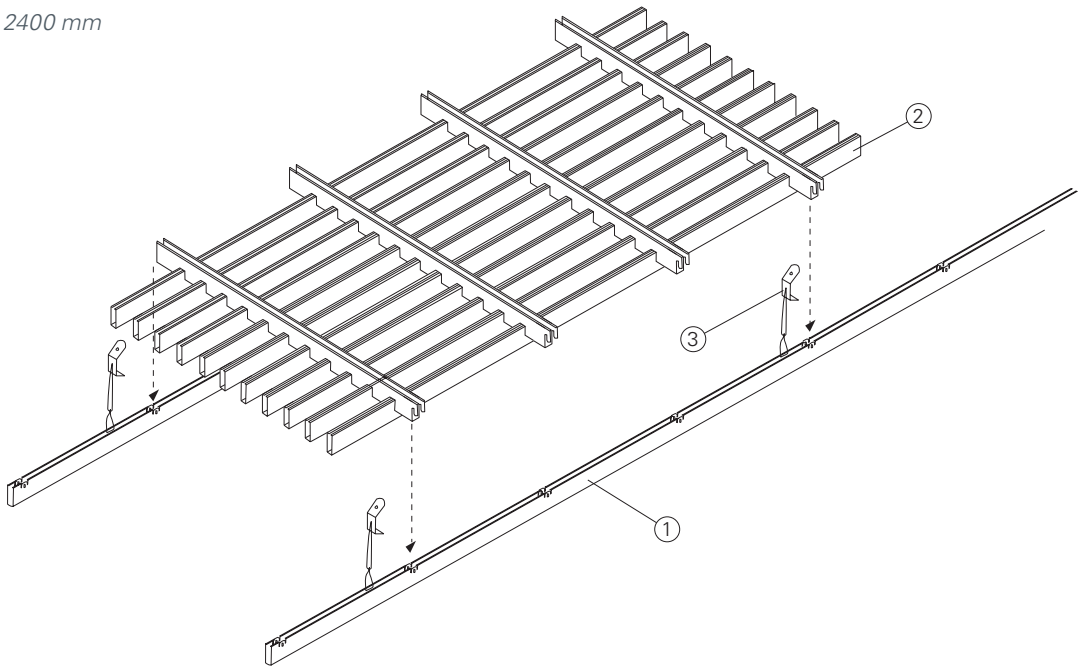
KEY FEATURES

- Tile dimensions 600 x 1200 mm
- Standard modules 50, 60, 75, 86, 100, 120, 150 and 200 mm
- Other dimensions and modules available on request
- One directional plenum mask
- Monolithic design with integrated support structure
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

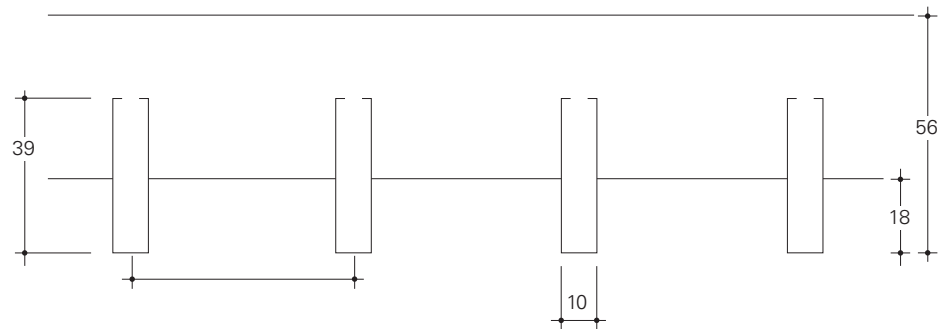


TYPICAL ISOMETRICS

- 1 = Main runner 2400 mm
- 2 = Linagrid tile
- 3 = Cell hanger



TYPICAL SECTIONS



PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
- Weight: Varies 2.0 - 5.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment

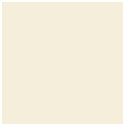
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0280
±RAL 9010



1883
±RAL 9011



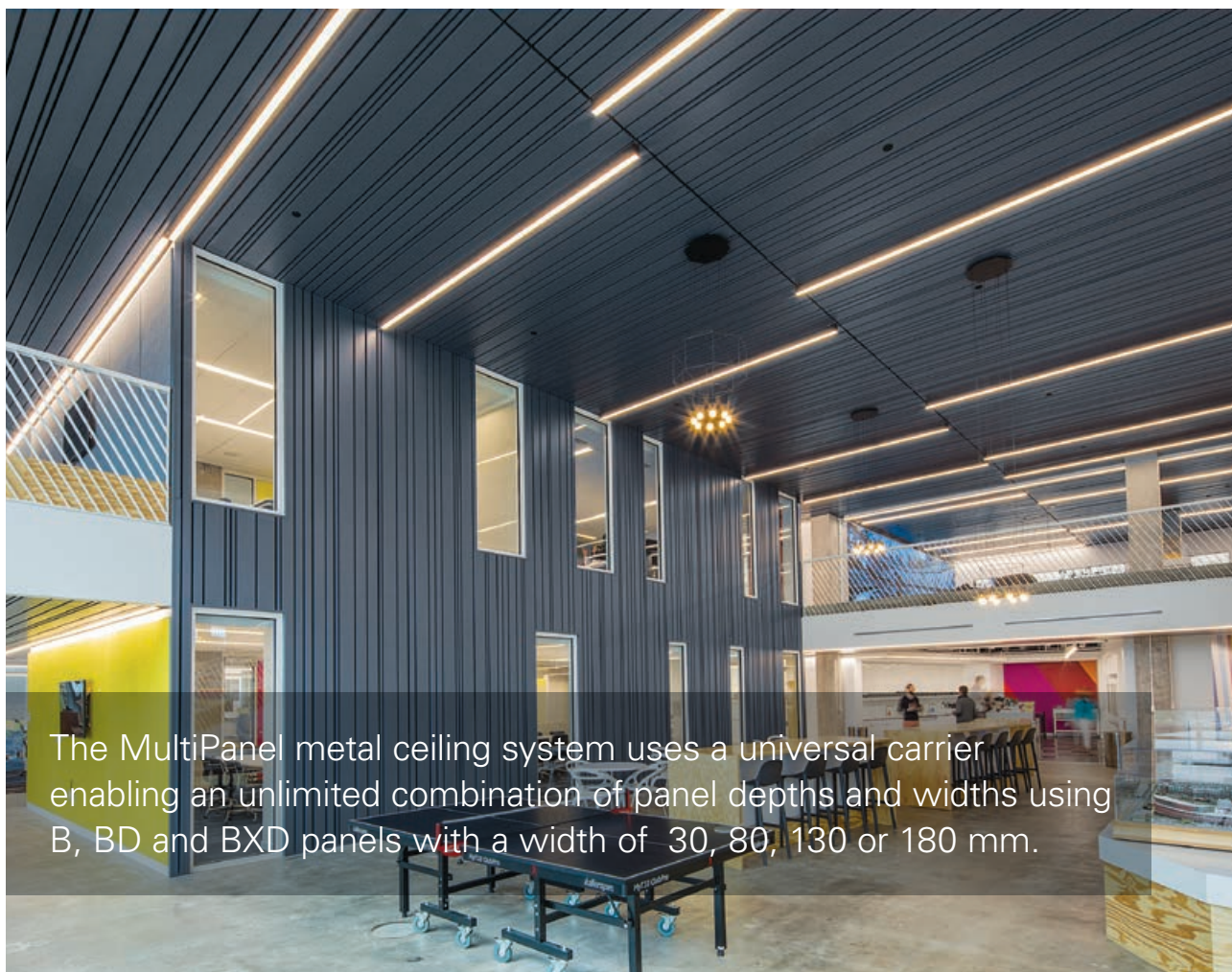
7163
±RAL 9006

CUSTOM COLOURS





Project: Domoteka. Furniture shopping Mall, Marki, Poland - Product: Cell Linagrid - Architect: Archmo



The MultiPanel metal ceiling system uses a universal carrier enabling an unlimited combination of panel depths and widths using B, BD and BXD panels with a width of 30, 80, 130 or 180 mm.

Project: Populous Office, Kansas City, MO Product: Linear MultiPanel - Photo credit: Bob Perzel

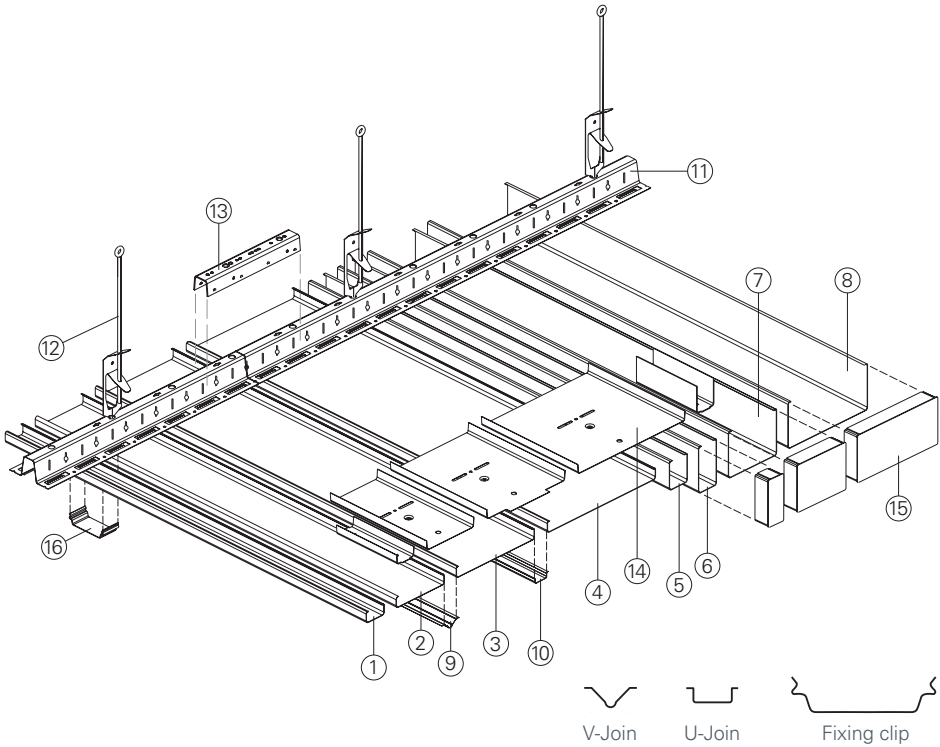
KEY FEATURES

- Panel widths: 30 mm, 80 mm, 130 mm and 180 mm, joint width 20 mm
- Panel length: 800 mm up to 6000 mm
- Panel depths:
 - 15 mm (30B, 80B, 130B, 180B)
 - 39 mm (30BD)
 - 64 mm (30BXD, 80BXD, 130BXD)
- Square edge design
- Perforated version with non-woven for acoustic control
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

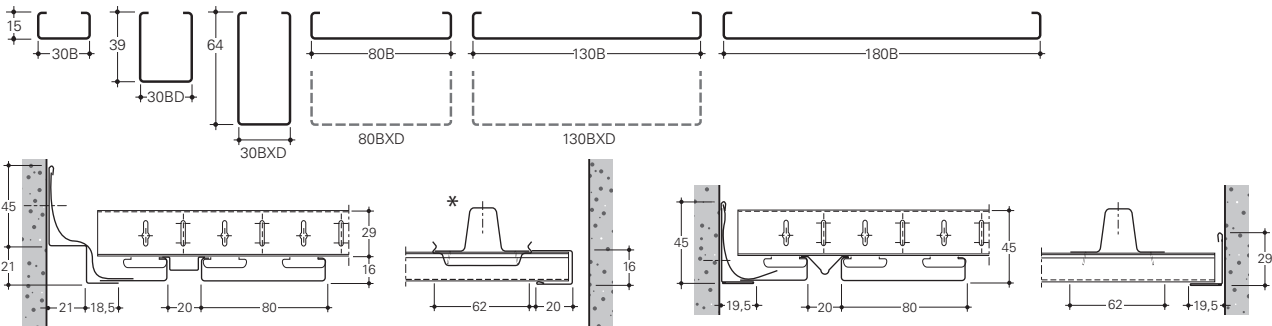


TYPICAL ISOMETRICS

- 1 = 30B panel
- 2 = 80B panel
- 3 = 130B panel
- 4 = 180B panel
- 5 = 30BD panel
- 6 = 30BXD panel
- 7 = 80BXD panel
- 8 = 130BXD panel
- 9 = Recessed V-join profile
- 10= Recessed U-join profile
- 11 = Multi-Panel Carrier
- 12= Hanger
- 13= Carrier Splice
- 14= Panel Splice
- 15= End Cap
- 16= Fixing clip

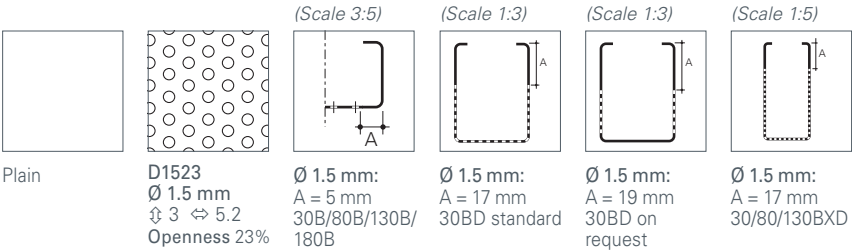


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class B,s2,d0 (all versions, all combinations)
according EN 13501-1
Weight: Varies ca 1.9 kg/m² - 5.1 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Daylight
EQ : Acoustic Performance

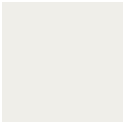
CERTIFICATIONS

ISO 9001
ISO 14001
TAIM QS
French VOC Regulation: Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request

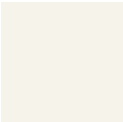
COLOURS AND FINISHES

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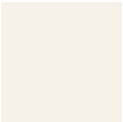
COOL WHITES



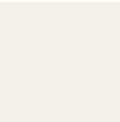
0181
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785



0735



1883
±RAL 9011

WARM WHITES



0280
±RAL 9010



0581
±RAL 9001



0585

METALS



7163



7007




7178




7008


WOOD TONES
(only available for 30BD, 30BXD, 80B, 130B)




8476
Cedar




8474
Pine



8494
Oak



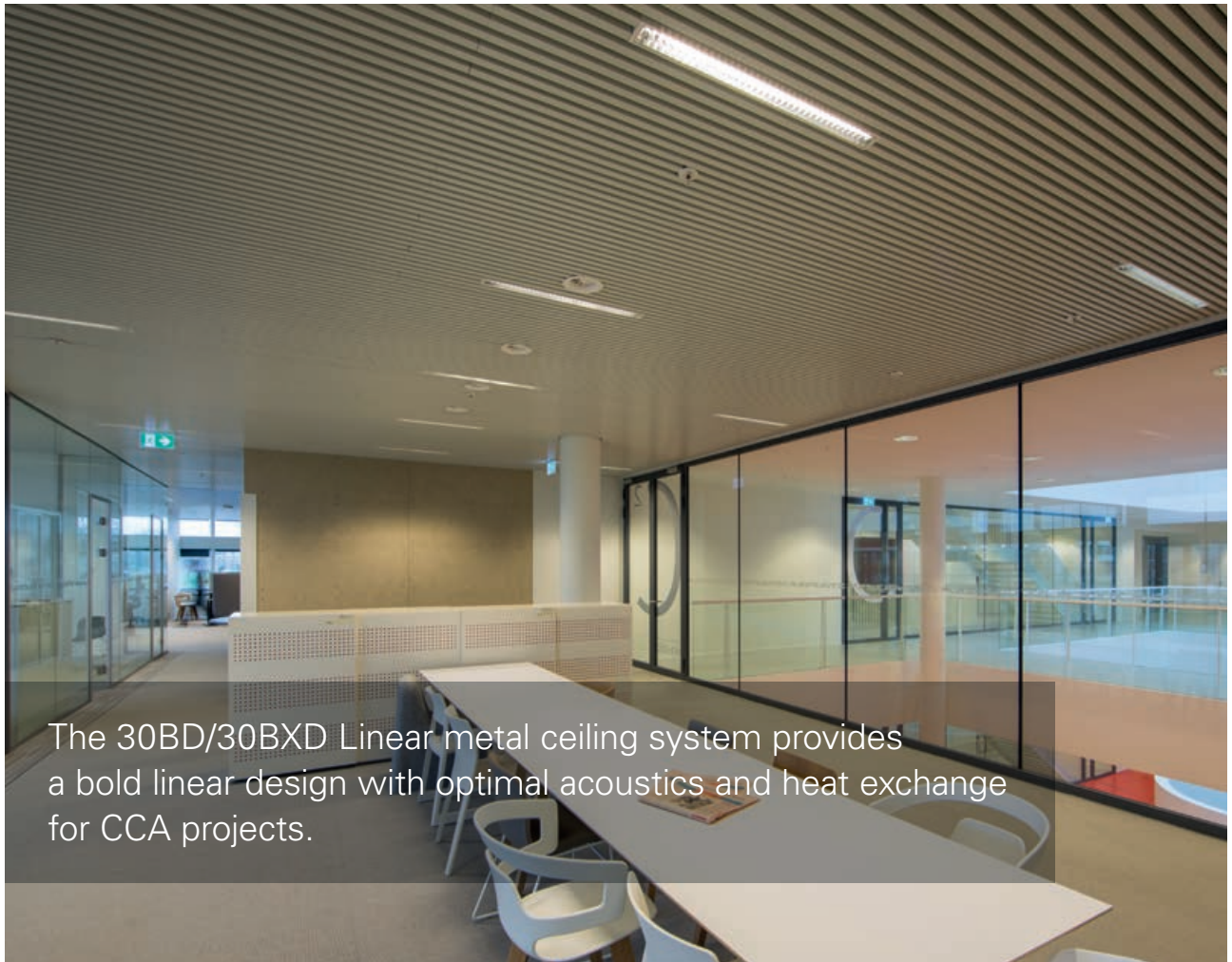
8492
Birch



8472
Palisander



Project: Leaseplan Branch Office, Milano, Italy - Product: Linear MultiPanel - Architect: Studio PCMR



The 30BD/30BXD Linear metal ceiling system provides a bold linear design with optimal acoustics and heat exchange for CCA projects.

Project: DSM Ahead, Geleen, the Netherlands - Product: Linear 30BD/30BXD + CCA - Architect: Broekbakema, Rotterdam

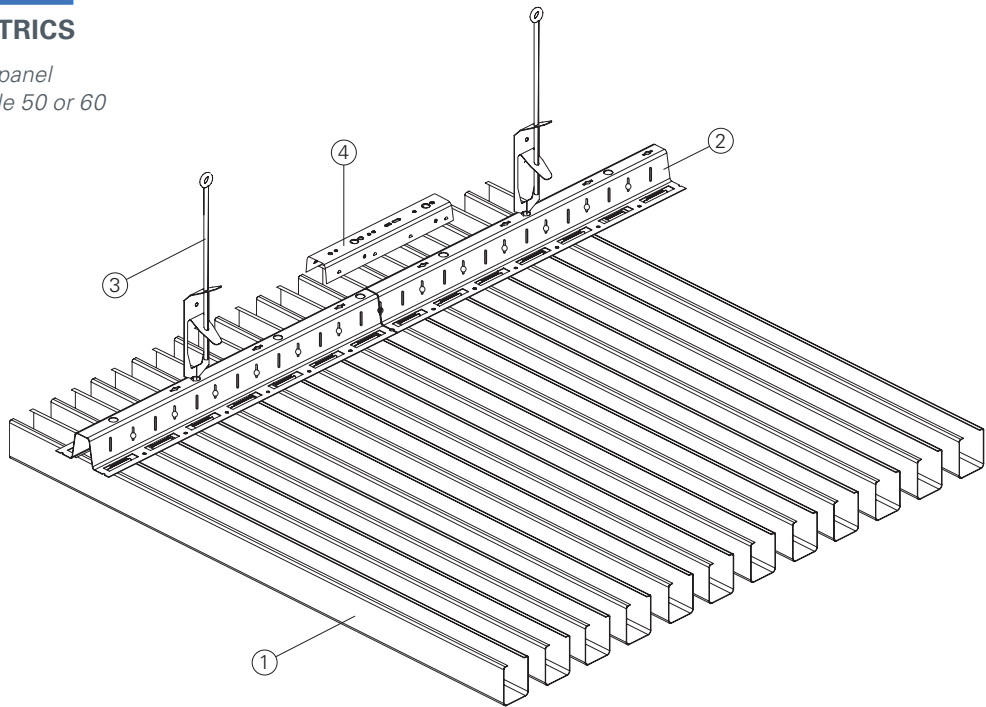
KEY FEATURES

- Panel widths: 30 mm, joint width 20 mm (standard) or 30 mm (CCA)
- Panel length: 800 mm up to 6000 mm
- Panel depths: 39 mm (30BD) and 64 mm (30BXD)
- Carrier modules: 50 mm (standard) and 60 mm for enhanced heat exchange in CCA application
- Square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

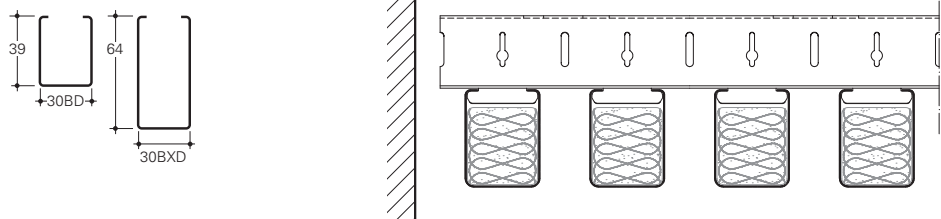


TYPICAL ISOMETRICS

- 1 = 30BD / 30BXD panel
- 2 = Al carrier module 50 or 60
- 3 = Hanger
- 4 = Al carrier splice

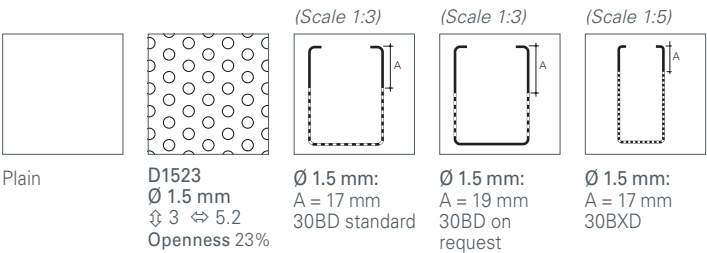


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class B,s2,d0 (all versions, all combinations) according EN 13501-1
Weight: Varies ca 3.7 kg/m² - 5.1 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic ratings: α_w 0.55 - 0.75: See page 352

BIM

REVIT files available for BIM contributions, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

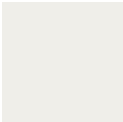
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

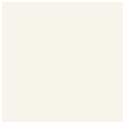
COLOURS AND FINISHES

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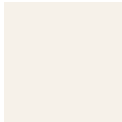
COOL WHITES



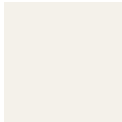
0181
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785



0735



1883
±RAL 9011

WARM WHITES



0280
±RAL 9010



0581
±RAL 9001



0585

METALS



7163



7007




7178




7008 (30BD only)


WOOD TONES




8476
Cedar



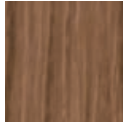
8474
Pine



8494
Oak



8492
Birch



8472
Palisander



Project: DSM Ahead, Geleen, the Netherlands - Product: Linear 30BD/30BXD + CCA - Architect: Broekbakema, Rotterdam



The 80BXD and 130BXD Linear metal ceiling system provides a strong statement in linear design

Project: Chisinau airport, Republic of Moldavia - Product: Linear 80BXD/130BXD - Architect: Vladimir Pinzaru (Arhform)

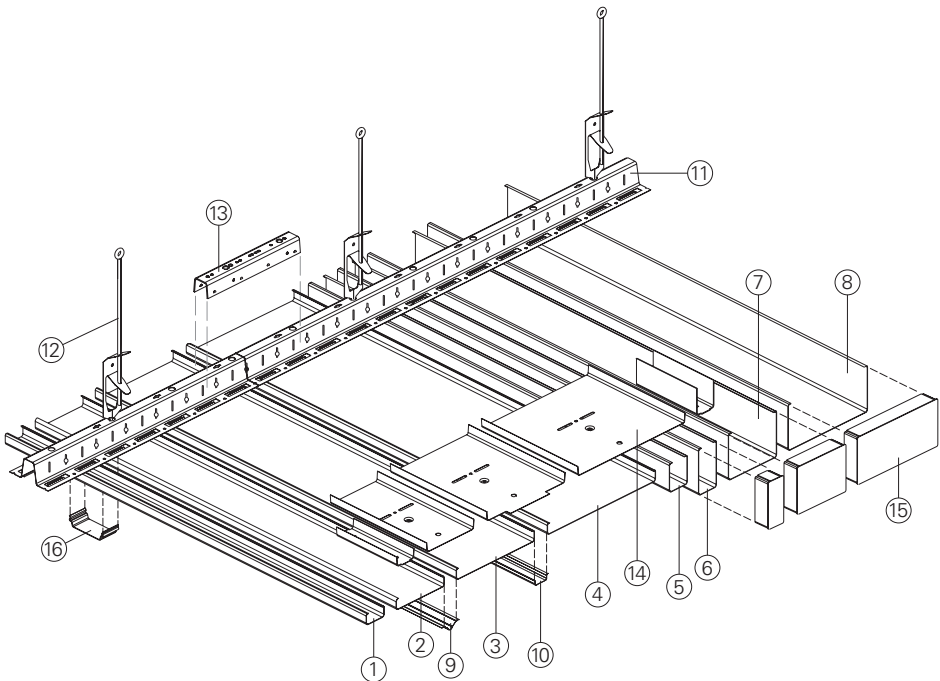
KEY FEATURES

- Panel widths: 80 mm and 130 mm, joint width 20 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 64 mm
- Square edge design
- Perforated version with non-woven for acoustic control
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

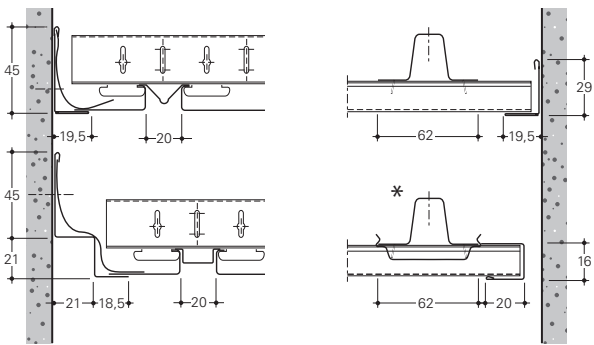
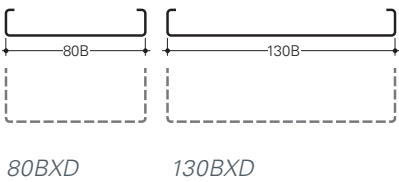


TYPICAL ISOMETRICS

- 1 = 30B panel
- 2 = 80B panel
- 3 = 130B panel
- 4 = 180B panel
- 5 = 30BD panel
- 6 = 30BXD panel
- 7 = 80BXD panel
- 8 = 130BXD panel
- 9 = Recessed V-join profile
- 10= Recessed U-join profile
- 11 = Multi-Panel Carrier
- 12= Hanger
- 13= Carrier Splice
- 14= Panel Splice
- 15= End Cap
- 16= Fixing clip

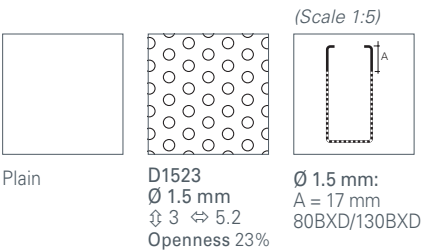


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class B,s2,d0 (all versions, all combinations) according EN 13501-1
Weight: Varies ca 3.3 kg/m² - 3.9 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating : α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Daylight
EQ : Acoustic Performance

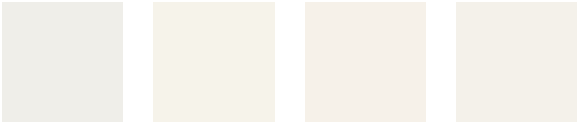
CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

COOL WHITES



0181
±RAL 9003

0106
±RAL 9016

0299

0179

CUSTOM COLOURS



NATURE TONES



1585

4648

0785

0735

1883
±RAL 9011

WARM WHITES



0280
±RAL 9010

0581
±RAL 9001

0585

METALS



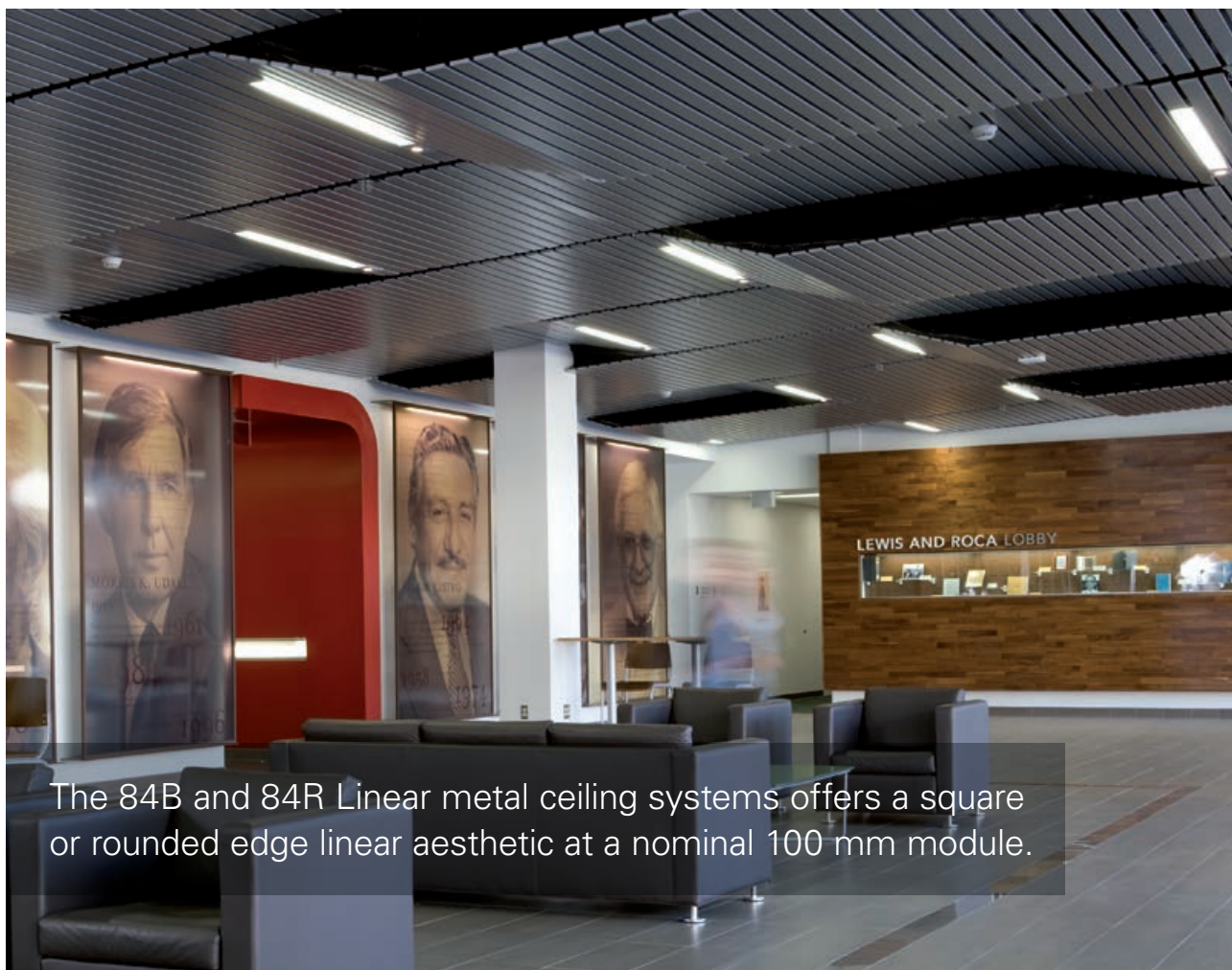
7163

7007

7178



Project: Chisinau airport, Chisinau, Republic of Moldova - Product: Linear 80BXD ceiling - Architect: Vladimir Pinzaru (Arhform)



The 84B and 84R Linear metal ceiling systems offers a square or rounded edge linear aesthetic at a nominal 100 mm module.

Project: James E. Rogers College of Law, Tucson, USA - Product: Linear 84B/84R - Architect: Gould Evans

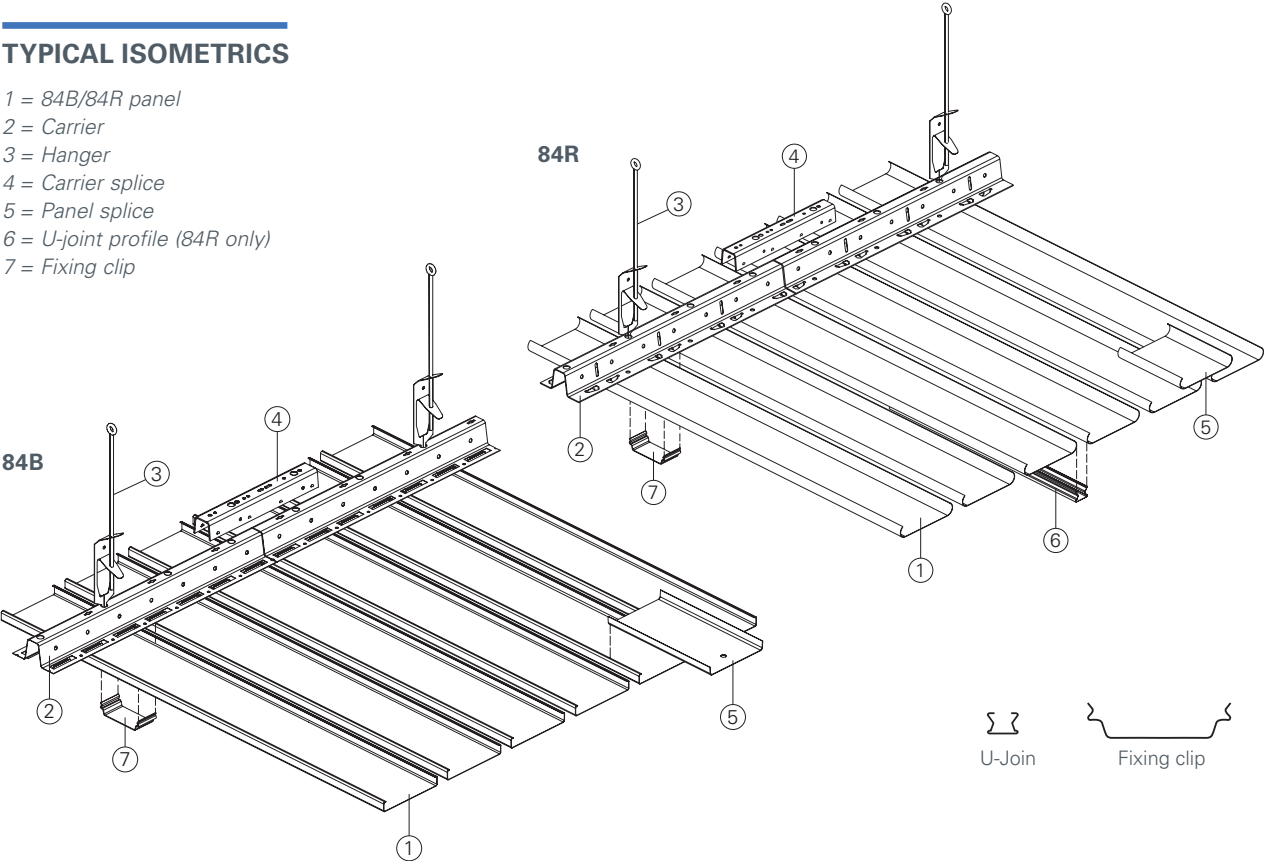
KEY FEATURES

- Panel width 84 mm, joint 16 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm
- Square edge design (84B) or rounded edges (84R)
- Perforated version with non-woven for acoustic control
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

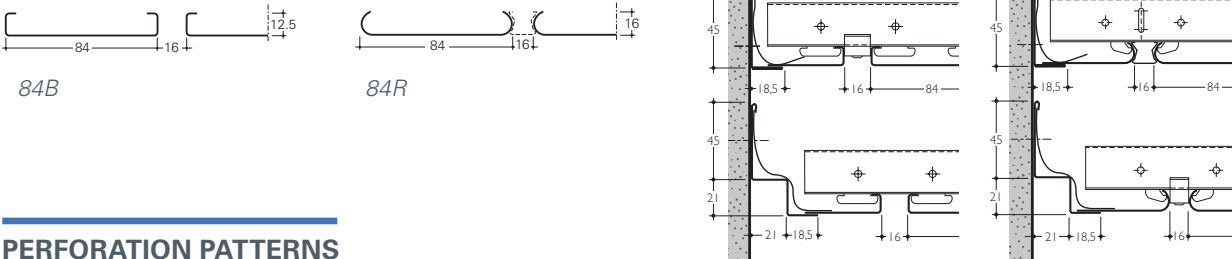


TYPICAL ISOMETRICS

- 1 = 84B/84R panel
- 2 = Carrier
- 3 = Hanger
- 4 = Carrier splice
- 5 = Panel splice
- 6 = U-joint profile (84R only)
- 7 = Fixing clip

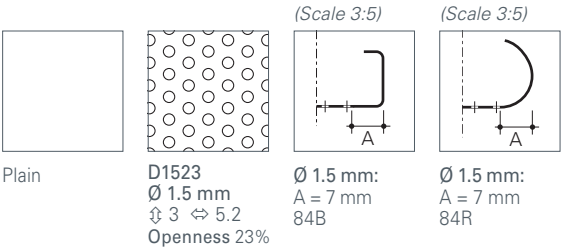


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
Weight: Varies ca 1.7 kg/m² - 2.3 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

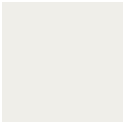
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

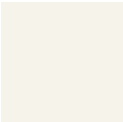
COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

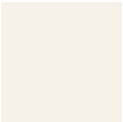
COOL WHITES



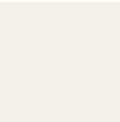
0181
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785



0735



1883
±RAL 9011

WARM WHITES



0280
±RAL 9010



0581
±RAL 9001



0585

METALS



7163



7007



7178




7008

WOOD TONES



8476
Cedar



8474
Pine



8494
Oak



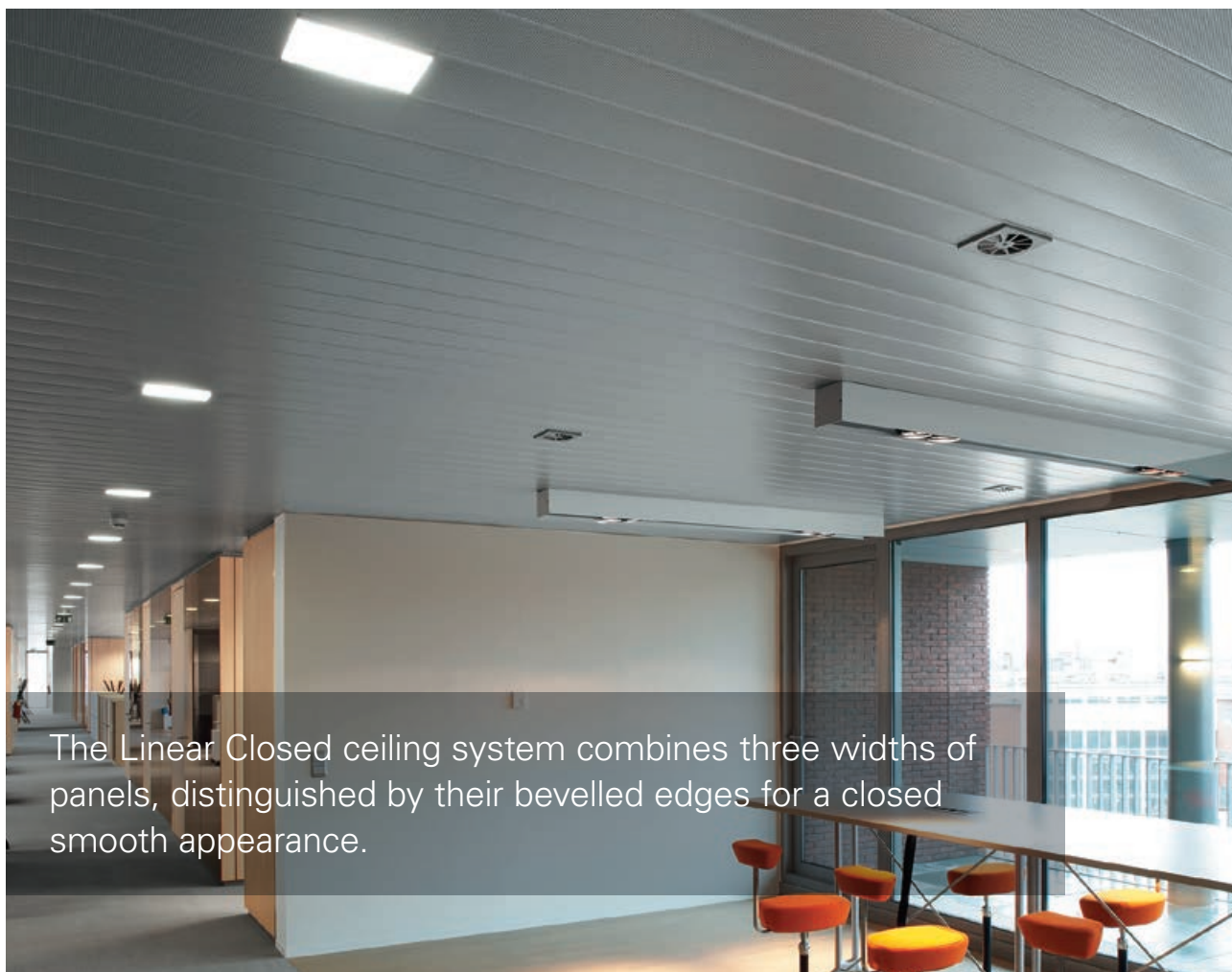
8492
Birch



8472
Palisander



Project: Vitesse Trainingscomplex Papendal, Arnhem, The Netherlands - Product: Linear 84B/84R - Architect: Geesink Weusten Architecten



The Linear Closed ceiling system combines three widths of panels, distinguished by their bevelled edges for a closed smooth appearance.

Project: InBev headquarters, Leuven, Belgium - Product: Linear 75C/150C/225C - Architect: Poponcini & Lootens

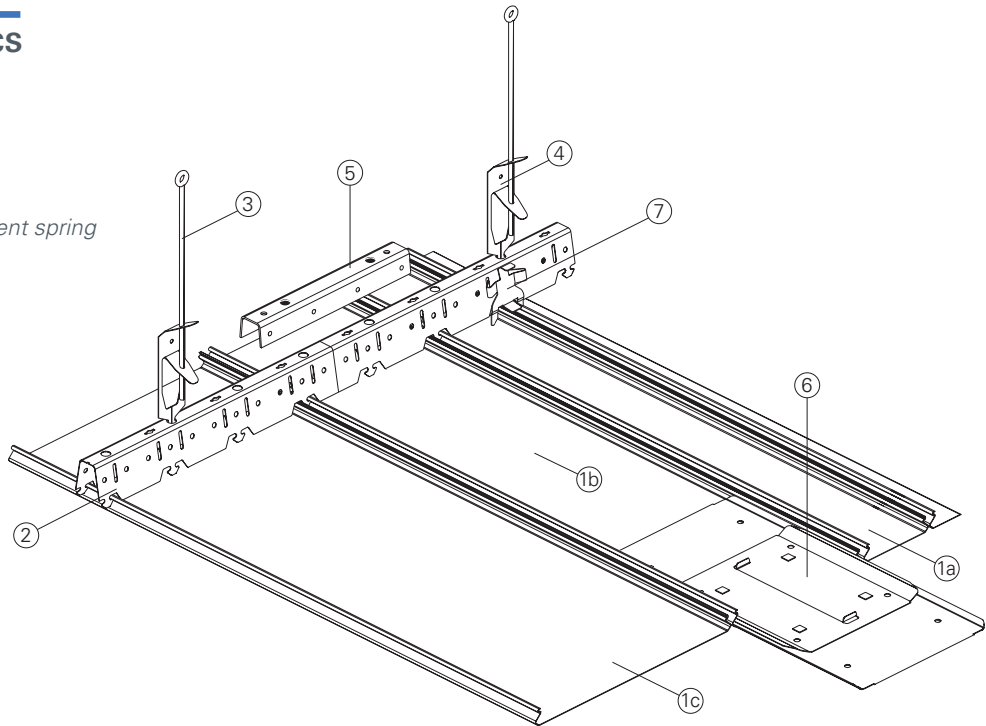
KEY FEATURES

- Panel widths: 75 mm, 150 mm and 225 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm
- Bevelled edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

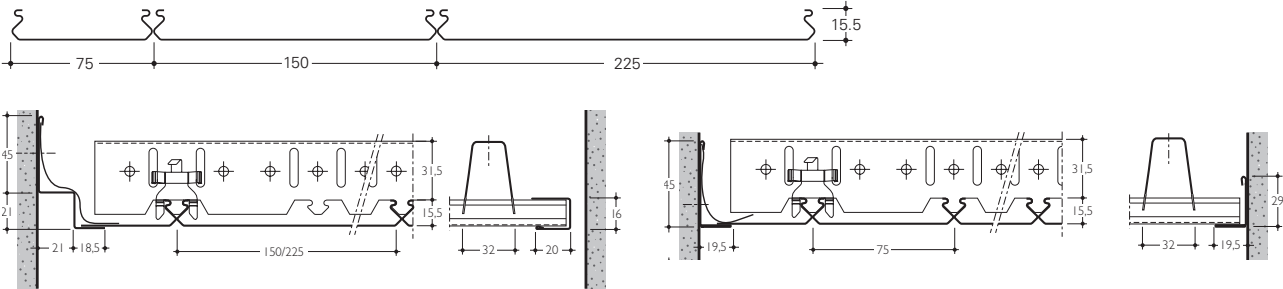


TYPICAL ISOMETRICS

- 1a= Panel 75C
- 1b= Panel 150C
- 1c= Panel 225C
- 2 = Carrier
- 3 = Rod hanger
- 4 = Suspension adjustment spring
- 5 = Carrier splice
- 6 = Panel splice
- 7 = Adaptor clip

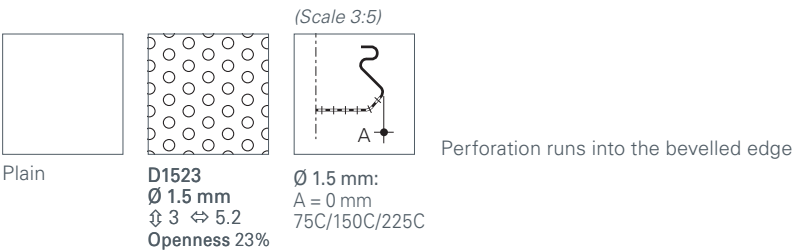


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
Weight: Varies ca 2.0 kg/m² - 2.2 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

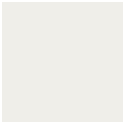
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

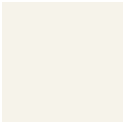
COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

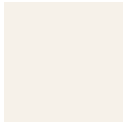
COOL WHITES



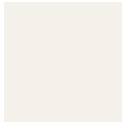
0281
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785



0735



1883
±RAL 9011

WARM WHITES



0280
±RAL 9010




0581
±RAL 9001



0585

METALS



7163



7007




7178




7008 (75C only)


WOOD TONES
(only available for 75C)




8476
Cedar




8474
Pine



8494
Oak



8492
Birch



8472
Palisander



Project: InBev headquarters, Leuven, Belgium - Product: Linear 75C/150C/225C - Architect: Poponcini & Lootens



Curved 300C metal ceilings add a twist to the traditional view of ceiling design. Imagine concave, convex, and undulating forms that tempt a look upwards.

Project: Brussels Airport Connector, Zaventem, Belgium - Product: Curved 300C - Architect: Joint Venture CTHM

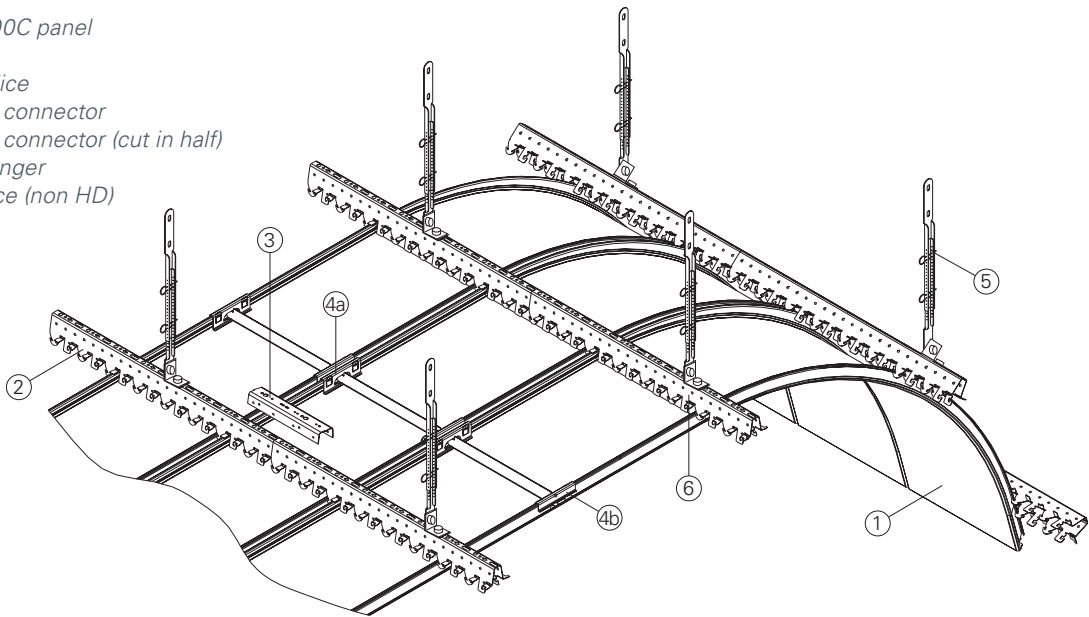
KEY FEATURES

- Panel width: 300 mm
- Panel length: 1000 - 6000 mm
- Minimum radius for all shapes 1000 mm
- Panels in concave, convex or S-shape
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

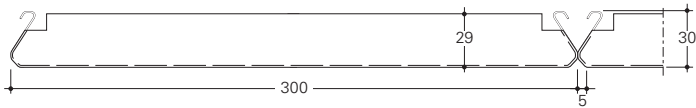


TYPICAL ISOMETRICS

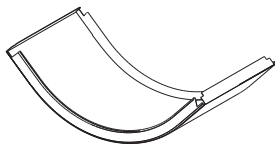
- 1 = Curved 300C panel
- 2 = Carrier
- 3 = Carrier splice
- 4a= Panel end connector
- 4b= Panel end connector (cut in half)
- 5 = Nonius hanger
- 6 = Fixing piece (non HD)



TYPICAL SECTIONS




Concave



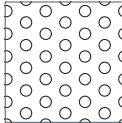
Convex

PERFORATION PATTERNS

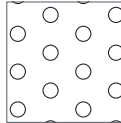
Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



Plain

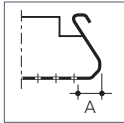


D1523
Ø 1.5 mm
⌀ 3 ⇔ 5.2
Openness 23%



D2016
Ø 2 mm
⌀ 5 ⇔ 8.66
Openness 16%

(Schale 1:3)



Ø 1.5 / 2.0 mm
A = 8.5 mm
300C

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
Weight: Varies ca 2.9 kg/m² - 10.4 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM QS
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

COOL WHITES



0181
±RAL 9003

0106
±RAL 9016

0299

0179

CUSTOM COLOURS



NATURE TONES



1585

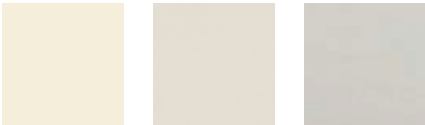
4648

0785

0735

1883
±RAL 9011

WARM WHITES



0280
±RAL 9010

0585

0684

METALS



7163

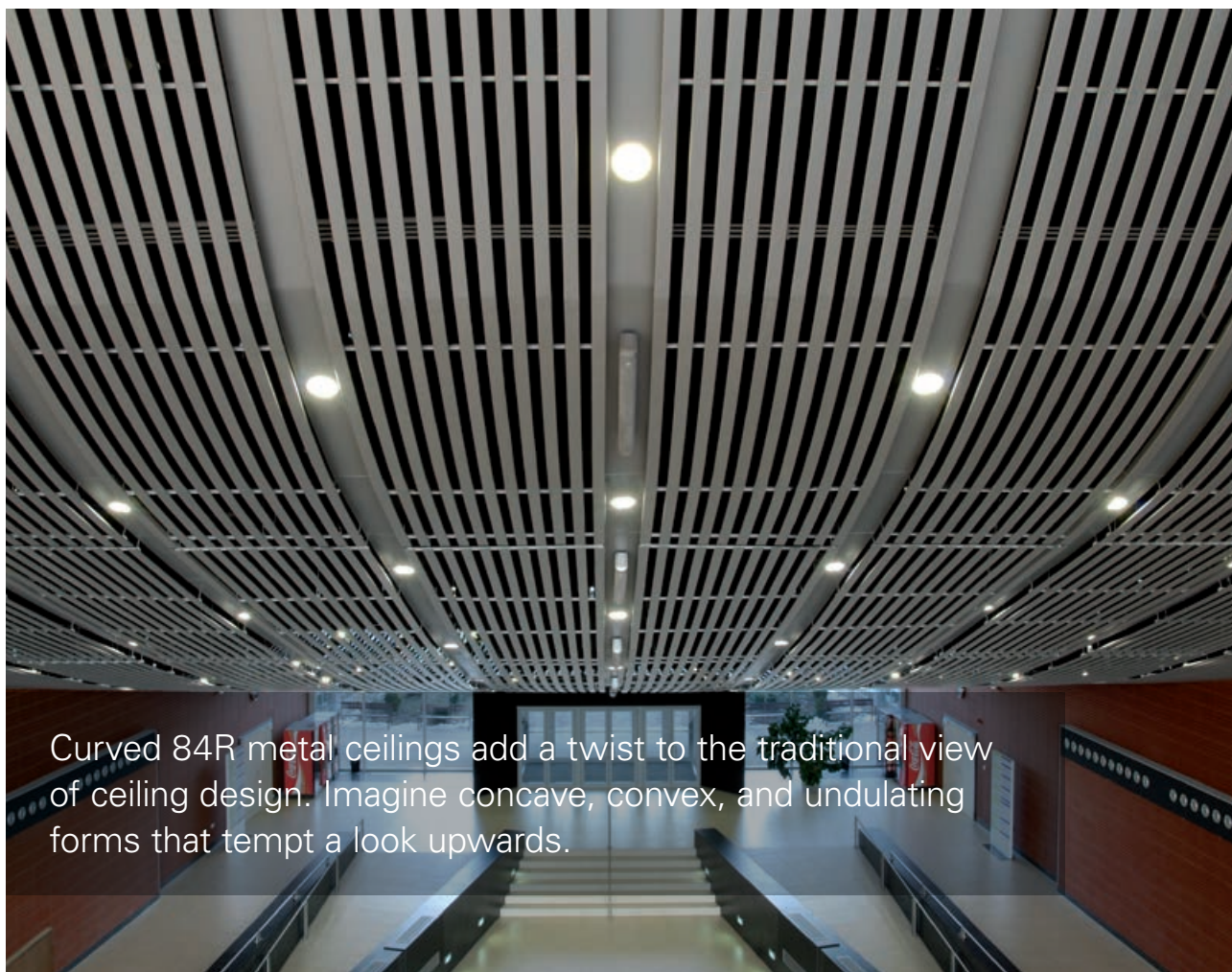
7007

7178

7113



Project: Brussels Airport Connector, Zaventem, Belgium - Product: Curved 300C - Architect: Joint Venture CTHM



Curved 84R metal ceilings add a twist to the traditional view of ceiling design. Imagine concave, convex, and undulating forms that tempt a look upwards.

Project: BME Q building, Budapest, Hungary - Product: Curved 84R - Architect: A&D Studio, Mr Antal Lázár

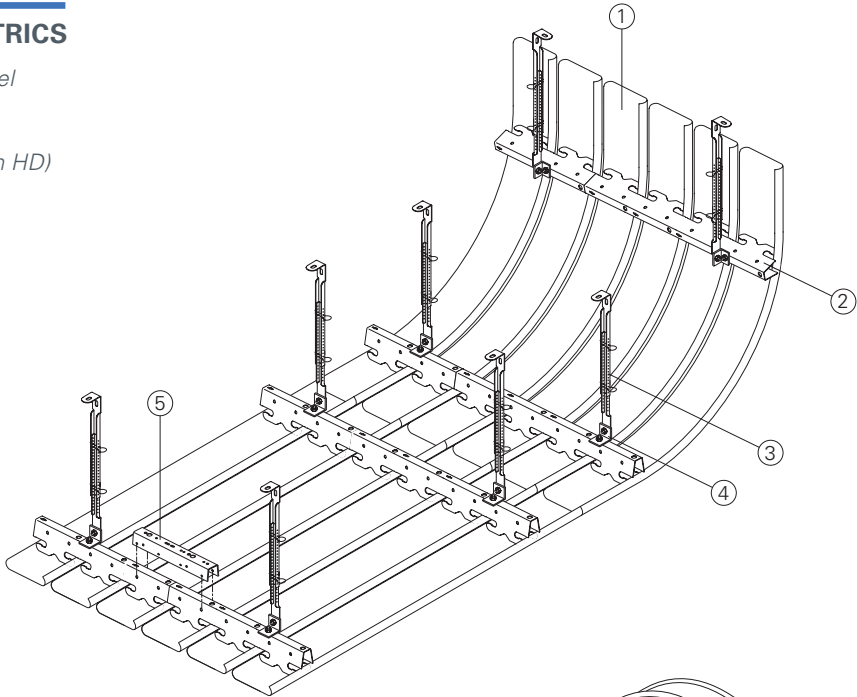
KEY FEATURES

- Panel width: 84 mm, joint 16 mm
- Panel length: 1000 - 6000 mm
- Fixed radius of 325 mm or variable radius with minimum of 1000 mm
- Panels in concave, convex or S-shape
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

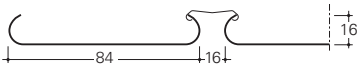


TYPICAL ISOMETRICS

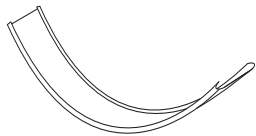
- 1 = Curved 84R panel
- 2 = 84R carrier
- 3 = Nonius hanger
- 4 = Fixing piece (non HD)
- 5 = Carrier splice



TYPICAL SECTIONS




Concave



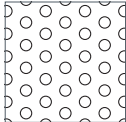
Convex

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

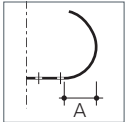


Plain



D1523
Ø 1.5 mm
3 ⇄ 5.2
Openness 23%

(Scale 3:5)



Ø 1.5 mm
A = ca. 7 mm
84R

PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (plain), A2,s2,d0 (perf+NW)
according EN 13501-1
Weight: Varies ca 1.7 kg/m² - 2.3 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

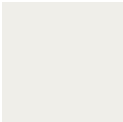
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

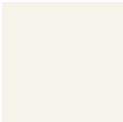
COLOURS AND FINISHES

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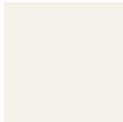
COOL WHITES



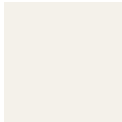
0181
±RAL 9003



0106
±RAL 9016



0299



0179

CUSTOM COLOURS



NATURE TONES



1585



4648



0785



0735



1883
±RAL 9011

WARM WHITES



0280
±RAL 9010



0581
±RAL 9001



0585

METALS



7163



7007




7178




7008


WOOD TONES




8476
Cedar




8474
Pine



8494
Oak



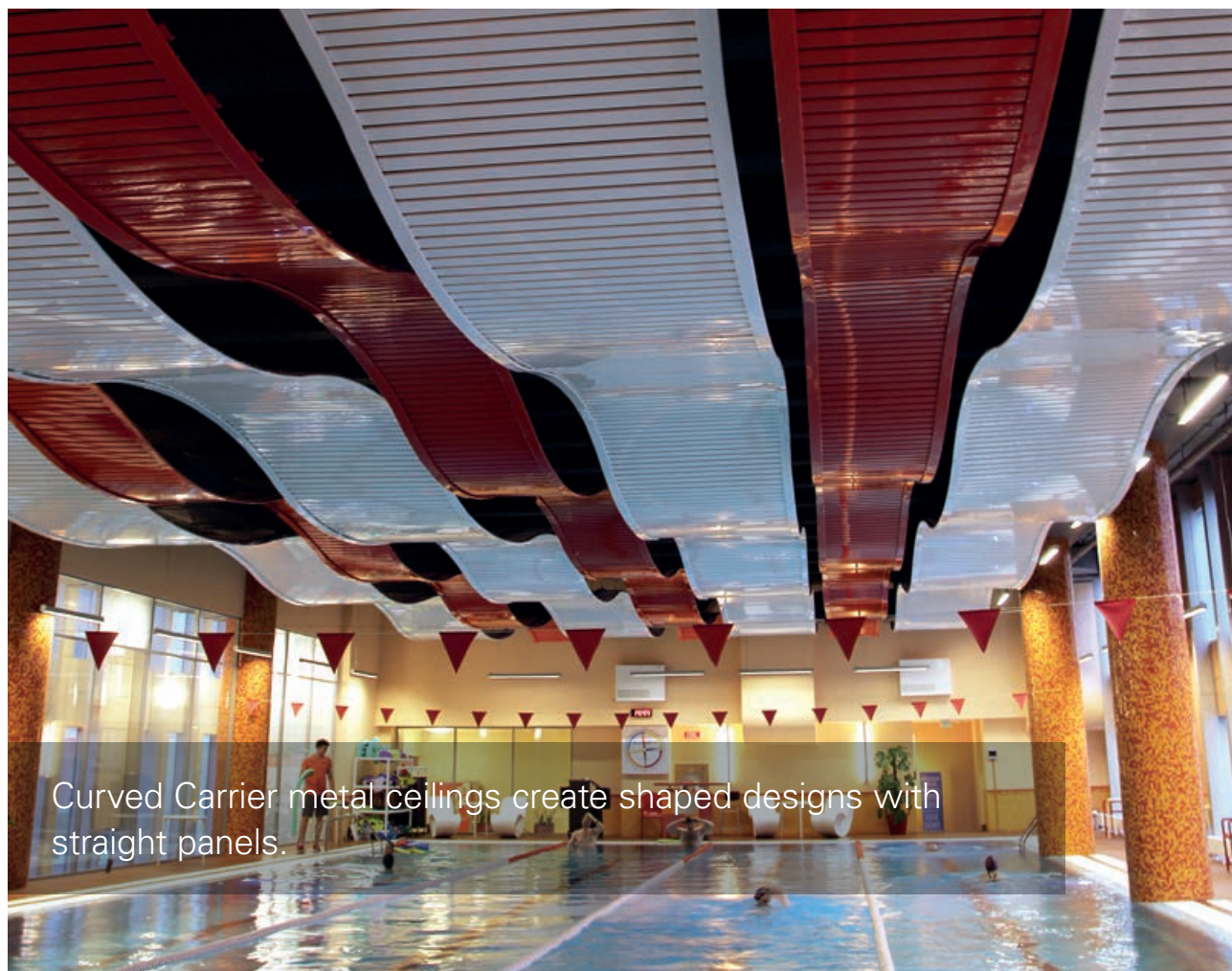
8492
Birch



8472
Palisander



Project: Dubai Mall, Burj Dubai, United Arab Emirates - Product: Curved 84R - Architect: DP Architects PTE Ltd



Curved Carrier metal ceilings create shaped designs with straight panels.

Project: Fitness center World Class, Moscow region, Russia - Product: Curved Carrier

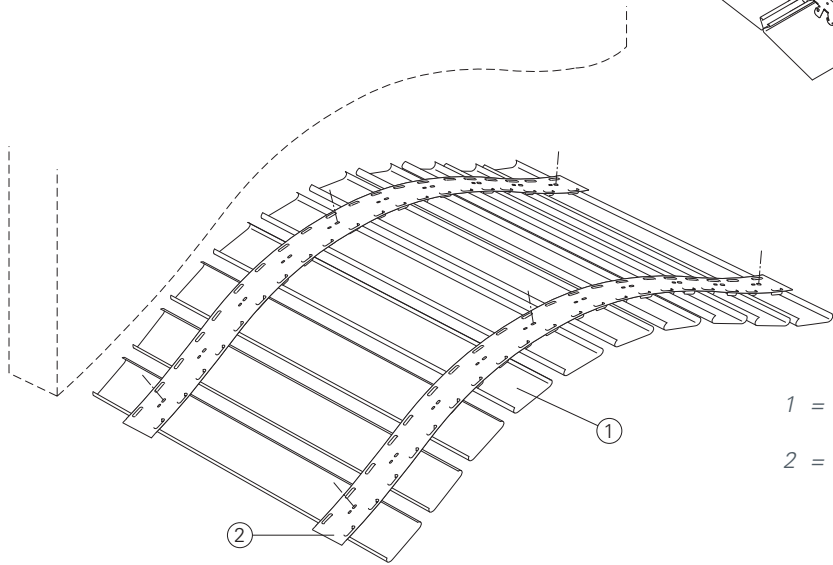
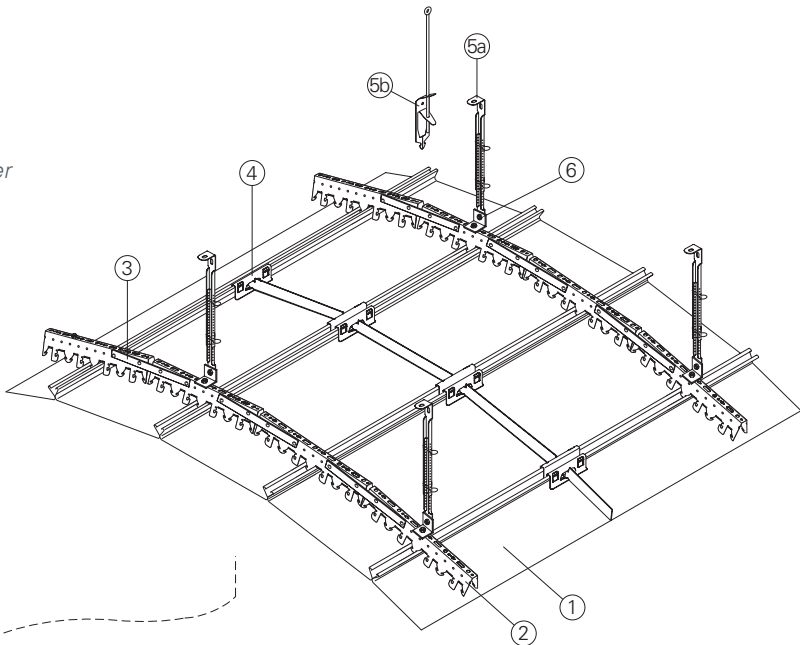
KEY FEATURES

- Panel width: 300 mm or 100 mm module
- Panel length: 800 - 6000 mm
- Segmented carrier: minimum radius convex 5 m, concave 2 m
- Flexible carrier: minimum radius convex 600 mm, concave 400 mm (depends on panel type)
- Ceilings in concave, convex or undulating
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



TYPICAL ISOMETRICS


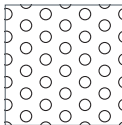
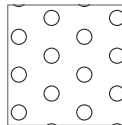
- 1 = 300C panel, straight
- 2 = 300C carrier, segmented
- 3 = Connecting strips segmented carrier
- 4 = 300C alignment bracket
- 5a= Nonius hanger
- 5b= Rod hanger
- 6 = Fixing piece (non HD)



- 1 = 30B-180B, 84B, 84R, 70U
Ceiling panel, straight
- 2 = Flex carrier

PERFORATION PATTERNS

Standard patterns shown. See page 350 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

		
Plain	D1523 Ø 1.5 mm 3 ⇄ 5.2 Openness 23%	D2016 (300C Only) Ø 2 mm 5 ⇄ 8.66 Openness 16%

PHYSICAL DATA

Substrate: Aluminium
Fire rating: A2,s1,d0 according EN 13501-1
Weight: Varies ca 1.7 kg/m² - 6.4 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 352

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

Please refer to the respective product pages for colour availability.



Project: Wrocław Airport, Wrocław, Poland - Product: Curved Carrier - Architects: JSK



Project: Weena Tunnel, Rotterdam, The Netherlands
Architect: Maarten Struijs
Product: Exterior Ceiling

EXTERIOR CEILINGS

Offering a wide range of design possibilities, exterior ceilings have been developed with the same appearance as the range of HunterDouglas® interior ceilings.





Project: Ferrari Restaurant, Maranello, Italy
Architect: M. Visconti
Product: Linear Multipanel Exterior



Project: Parking Hofdame, Rotterdam, The Netherlands
Architect: Klunder Architecten
Product: Solid Wood Linear Exterior



EXTERIOR CEILINGS

SOLID WOOD GRILL AND LINEAR 252

VENEERED WOOD GRILL AND LINEAR 256

VENEERED WOOD TILES 260

MULTIPANEL 264

LINEAR CLOSED 268

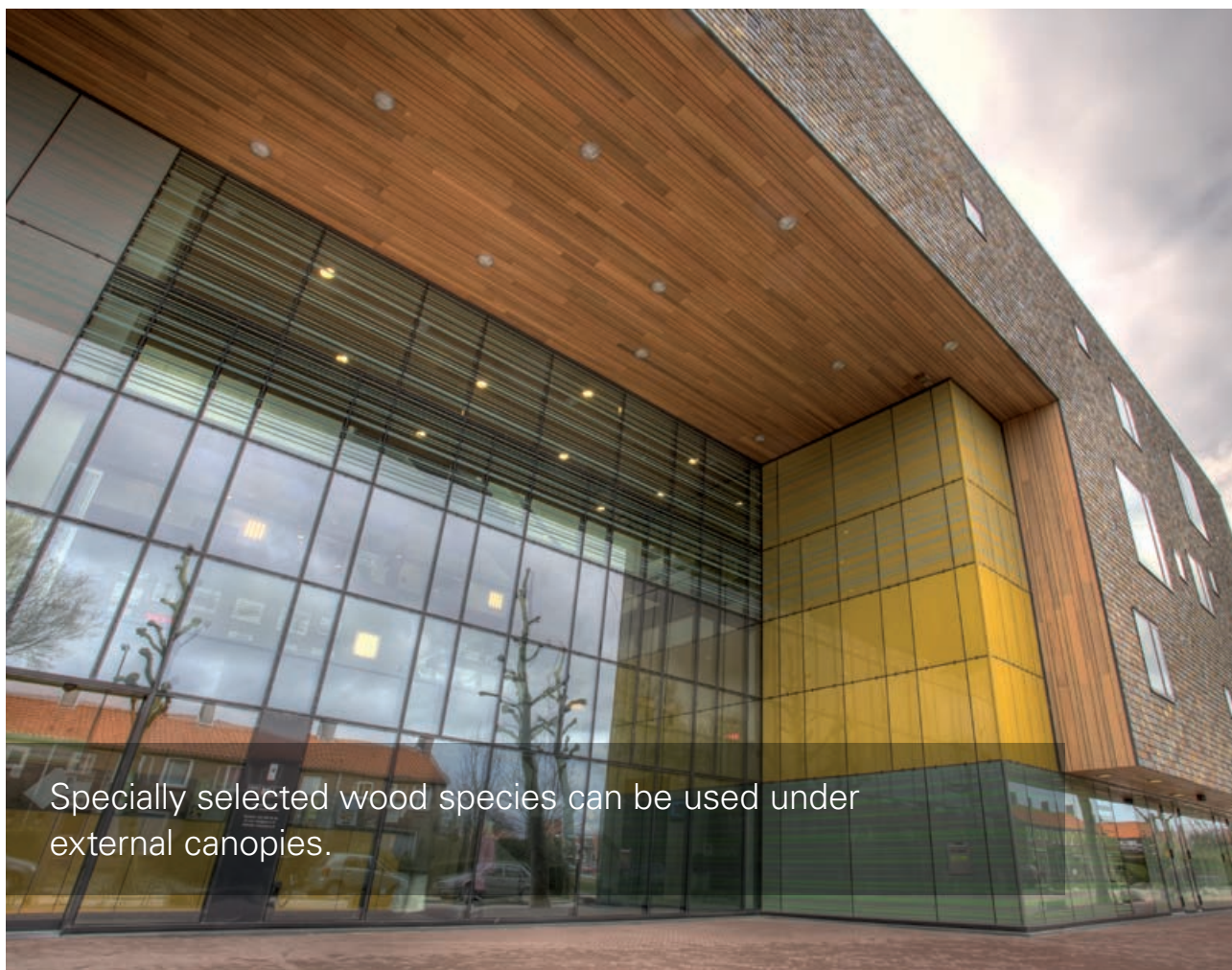
150F/200F 272

V100 276

300C/300L 280

BETA SAFETY-LOOP 284

PROFIX™ 288



Specially selected wood species can be used under external canopies.

Project: Pier-K, Nieuw-Vennep, The Netherlands; Solid Wood Linear Exterior, Western Red Cedar; Architect: Ector Hoogstad Architecten

KEY FEATURES

- Exterior applications
- Various Grill dimensions:
 - Width: 20 mm
 - Lengths up to 2500 mm
 - Height: 35 - 120 mm
 - Joint width: 25 - 150 mm
- Various Linear dimensions:
 - Width: 63 - 68 - 70 - 83 - 92 - 110 - 116 mm
 - Lengths up to 2500 mm
 - Thickness: 15 mm
 - Joint width: 12 - 13 - 15 - 19 mm
- Wood can be FSC or PEFC certified
- Clear and coloured stains available
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Solid Wood Grill panel

2 = Metal dowel

3 = J clip

4 = T 24 main runner

5 = T 24 cross runner

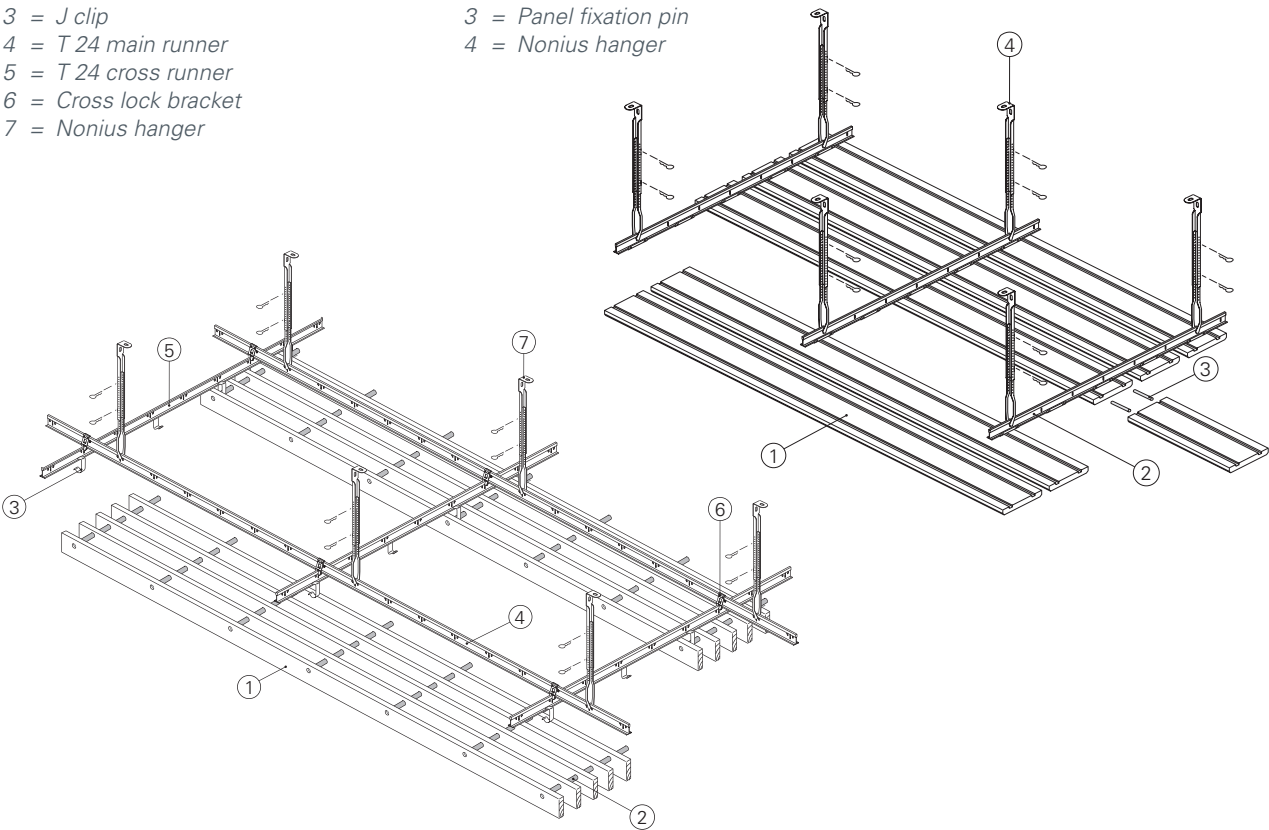
6 = Cross lock bracket

7 = Nonius hanger
- 1 = Solid Wood Linear panel

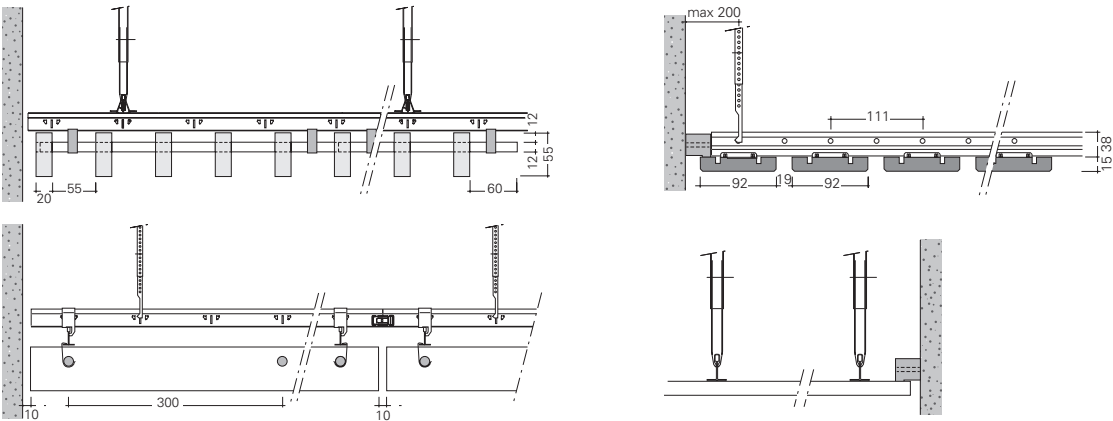
2 = Carrier

3 = Panel fixation pin

4 = Nonius hanger



TYPICAL SECTIONS



Solid Wood Grill Exterior system

Solid Wood Linear Exterior system

PHYSICAL DATA

Fire rating: B,s2,d0 (according to 13501-1),
depending on wood specie and treatment
Weight: 5.0 - 8.0 kg/m²
VOC Emission: Class A+ (according to ISO 16000-9)

LEED V4 CREDITS

EA : Optimise Energy Performance
EQ : Low-Emitting Materials

CERTIFICATIONS

GREENGUARD Gold
Cradle to Cradle (C2C) Silver
FSC
PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood species and finishes. Coloured stains can be added to match custom colours. See website for the most up to date information. The wood images are for illustration purposes only.

WOOD SPECIES



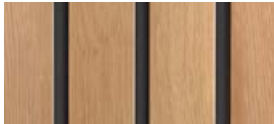
European Pine



Siberian Larch



European Oak



Oregon Pine



Western Red Cedar



Thermowood



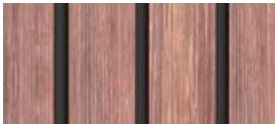
Waxed Wood



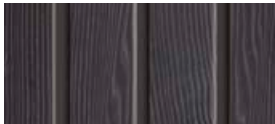
Fr ke Noir



Nobel Wood



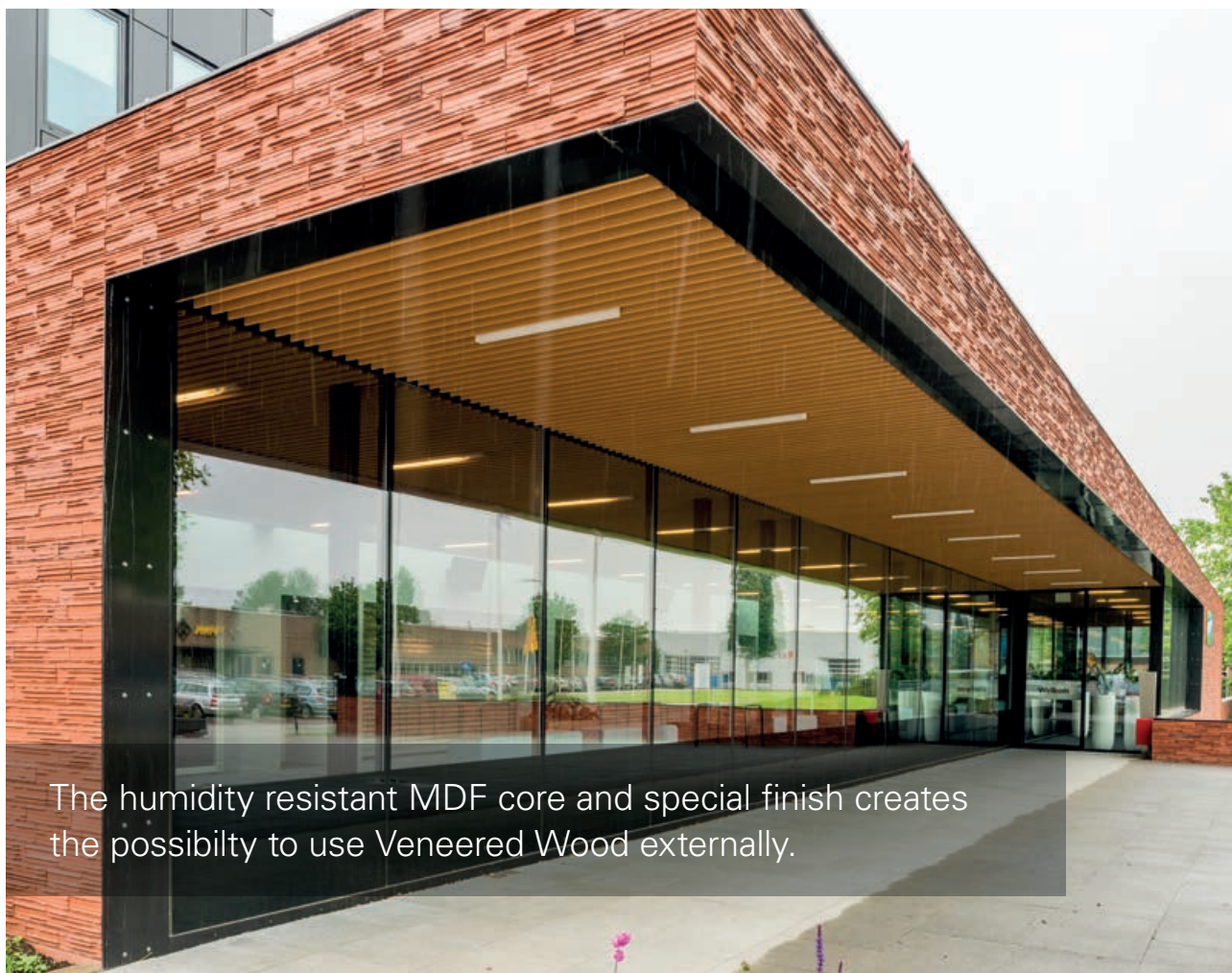
Bamboo



Charred Wood



Project: Melanchton Berkroden, Berkel en Rodenrijs, The Netherlands - Product: Solid Wood Grill, Yellow Poplar - Architect: 01-10 Architecten



The humidity resistant MDF core and special finish creates the possibility to use Veneered Wood externally.

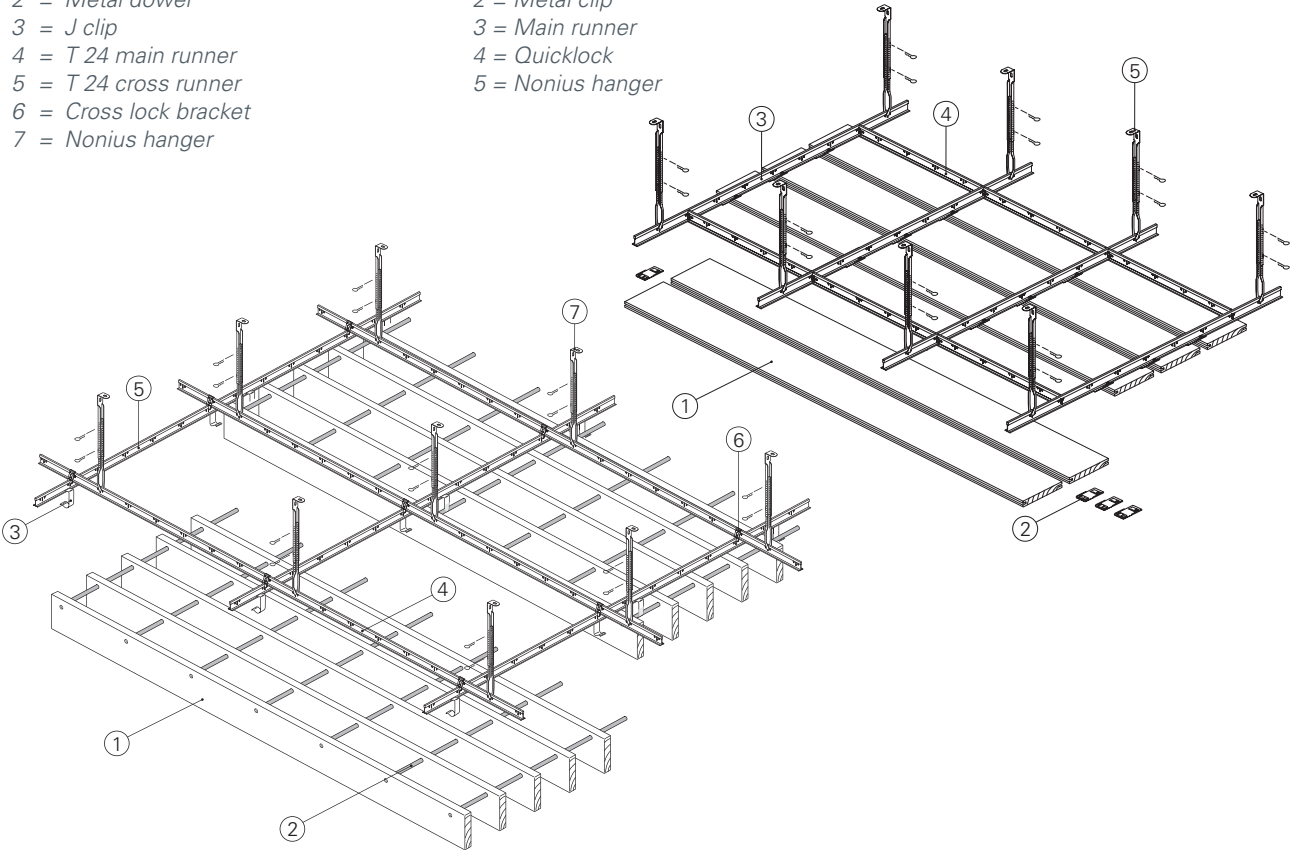
Project: Town hall, Didam, The Netherlands - Product: Veneered Wood Grill Exterior, Ash - Architect: De Twee Snoeken

KEY FEATURES

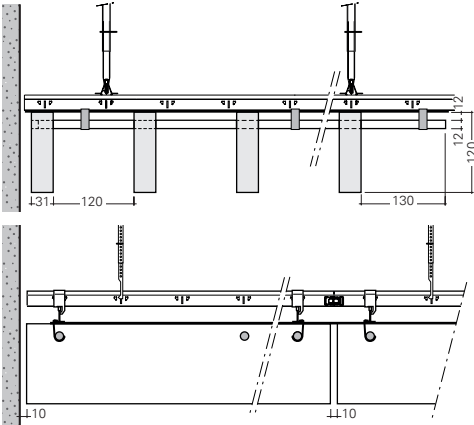
- Exterior applications
- Various Grill dimensions:
Width: 17 - 20 - 26 - 31 mm
Lengths up to 2700 mm
Height: 65 - 150 mm
Joint width: 50 - 150 mm
- Various Linear dimensions:
Width: 65 - 90 - 120 - 150 - 200 - 230 mm
Lengths up to 2700 mm
Thickness: 17 or 20 mm
Joint width: 5 - 10 - 15 - 20 - 30 mm
- Special humidity resistant core material
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

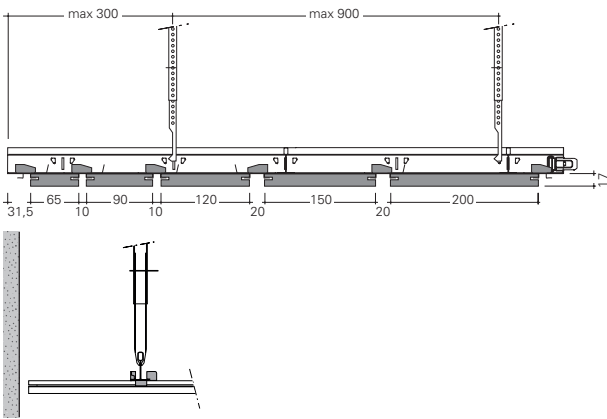
- 1 = Veneered Wood Grill panel
 2 = Metal dowel
 3 = J clip
 4 = T 24 main runner
 5 = T 24 cross runner
 6 = Cross lock bracket
 7 = Nonius hanger
- 1 = Veneered Wood Linear panel
 2 = Metal clip
 3 = Main runner
 4 = Quicklock
 5 = Nonius hanger



TYPICAL SECTIONS



Veneered Wood Grill Exterior system



Veneered Wood Linear Exterior system

PHYSICAL DATA

Weight: 12.0 - 20.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials

CERTIFICATIONS

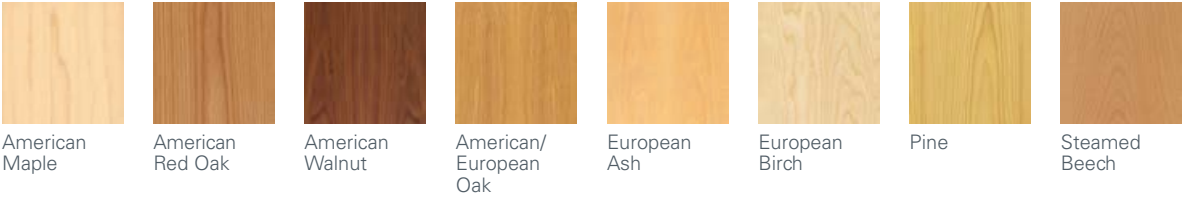
- GREENGUARD Gold
- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood species and finishes. Coloured stains can be added to match custom colours. See website for the most up to date information. The wood images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



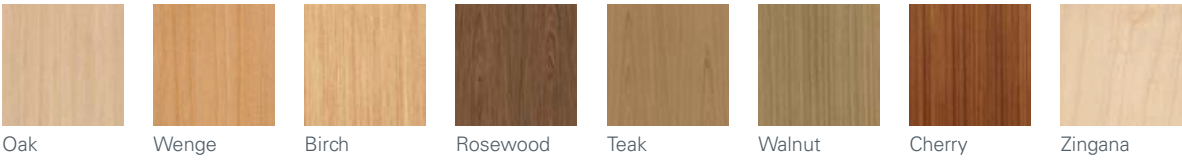
ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



ENGINEERED VENEERS

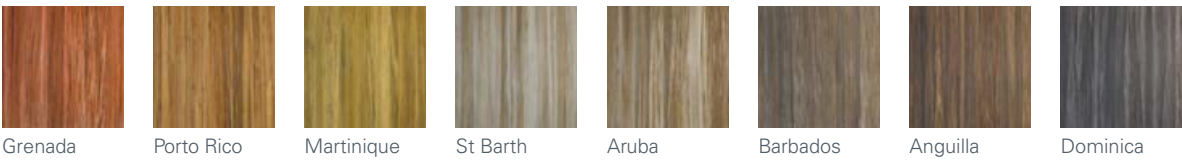
Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



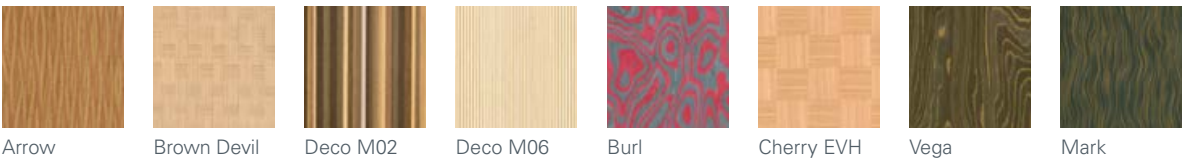
SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



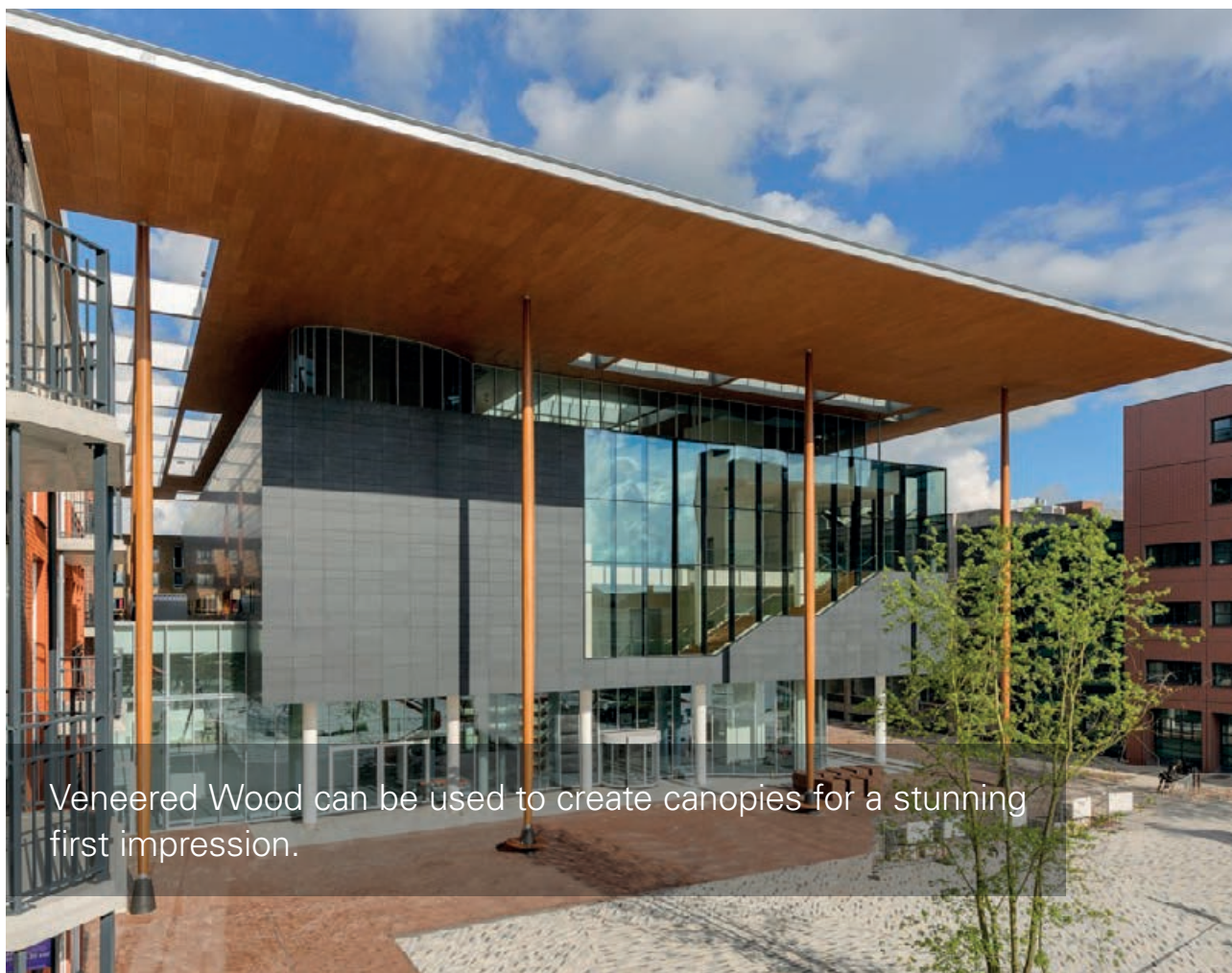
Engineered special veneers



- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Town hall, Didam, The Netherlands - Product: Veneered Wood Grill Exterior, Ash - Architect: De Twee Snoeken



Veneered Wood can be used to create canopies for a stunning first impression.

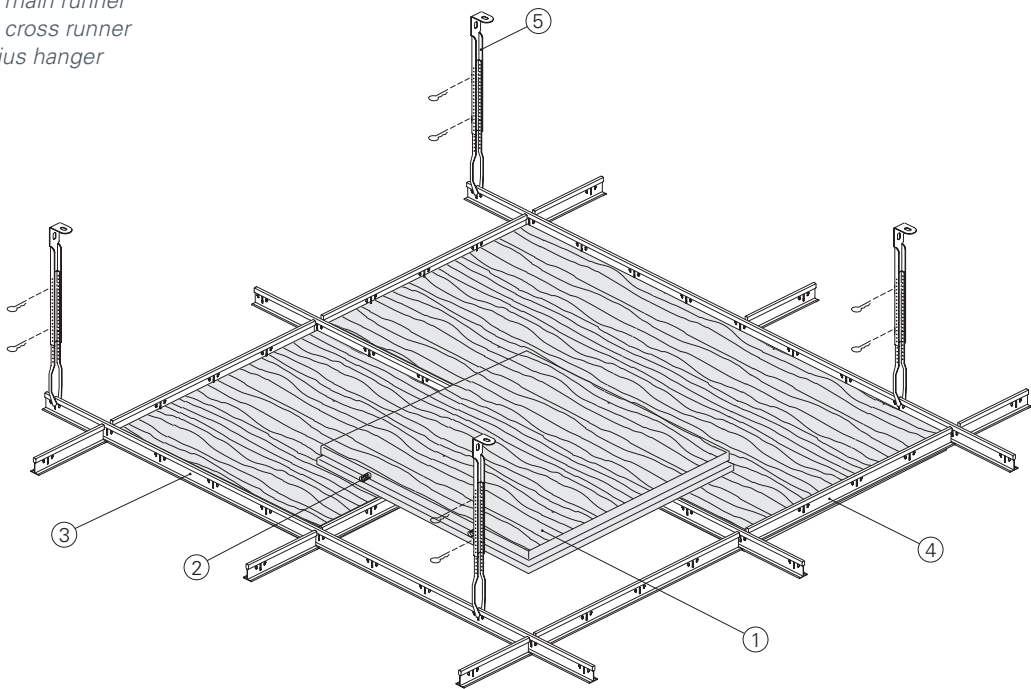
Project: Fries Museum, Leeuwarden, The Netherlands - Veneered Wood Tiles, Exterior - Architect: Bierman Henket architecten

KEY FEATURES

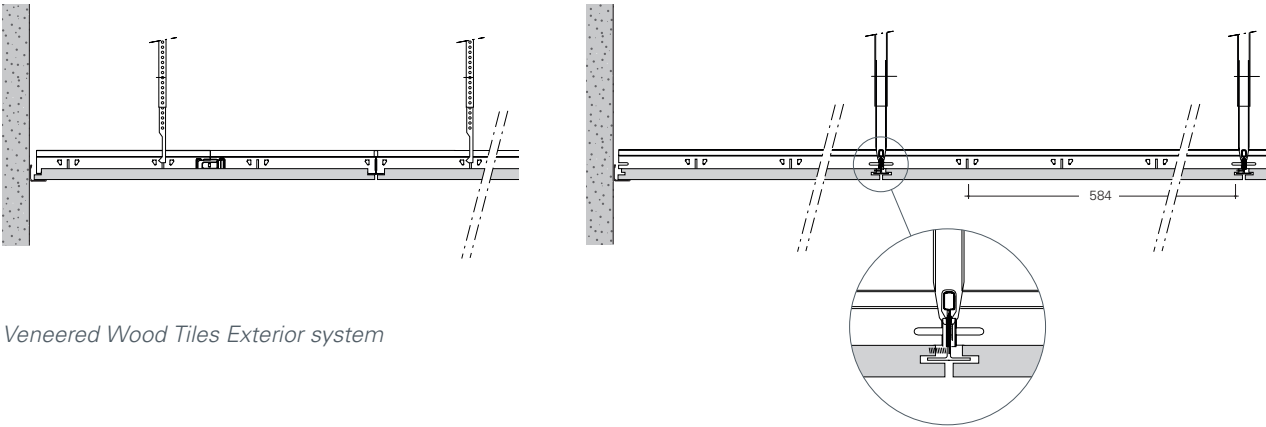
- Exterior applications
- Tile sizes: 300/600 x max. 1200 mm, other sizes available upon request
- Installed in a corrosion resistant T24 grid, with a semi-concealed detail
- The System ceiling type uses springs to keep the panel in place
- Variety of 20+ wood species, FSC or PEFC certified
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Clear and coloured stains available
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security service

TYPICAL ISOMETRICS

- 1 = Veneered Wood Tile (type System shown)
- 2 = Prefixed spring
- 3 = T 24 main runner
- 4 = T 24 cross runner
- 5 = Nonius hanger



TYPICAL SECTIONS



Veneered Wood Tiles Exterior system

PHYSICAL DATA

Weight: 11.0 - 13.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials

CERTIFICATIONS

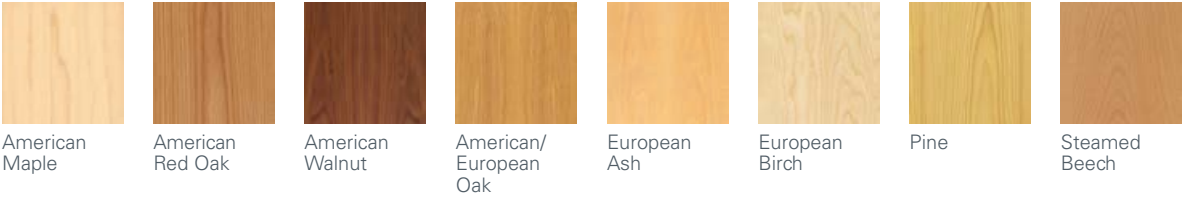
- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood species and finishes. Coloured stains can be added to match custom colours. See website for the most up to date information. The wood images are for illustration purposes only.

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Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



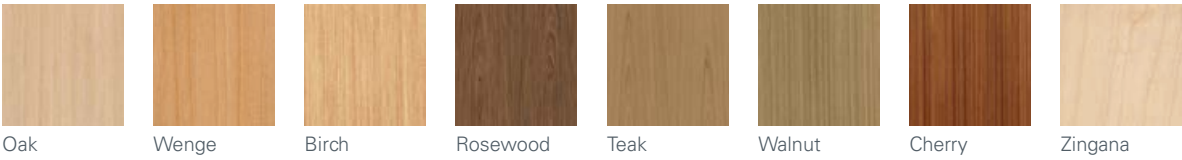
ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



ENGINEERED VENEERS

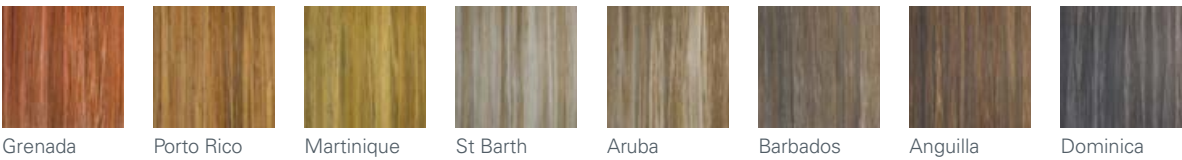
Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



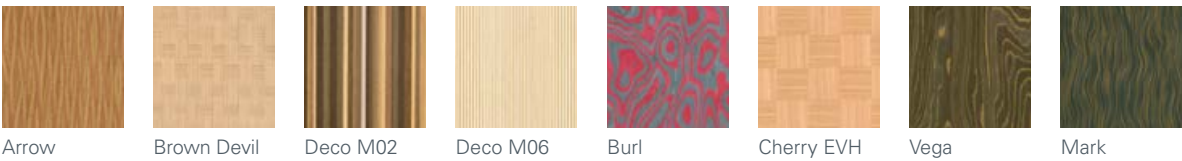
SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



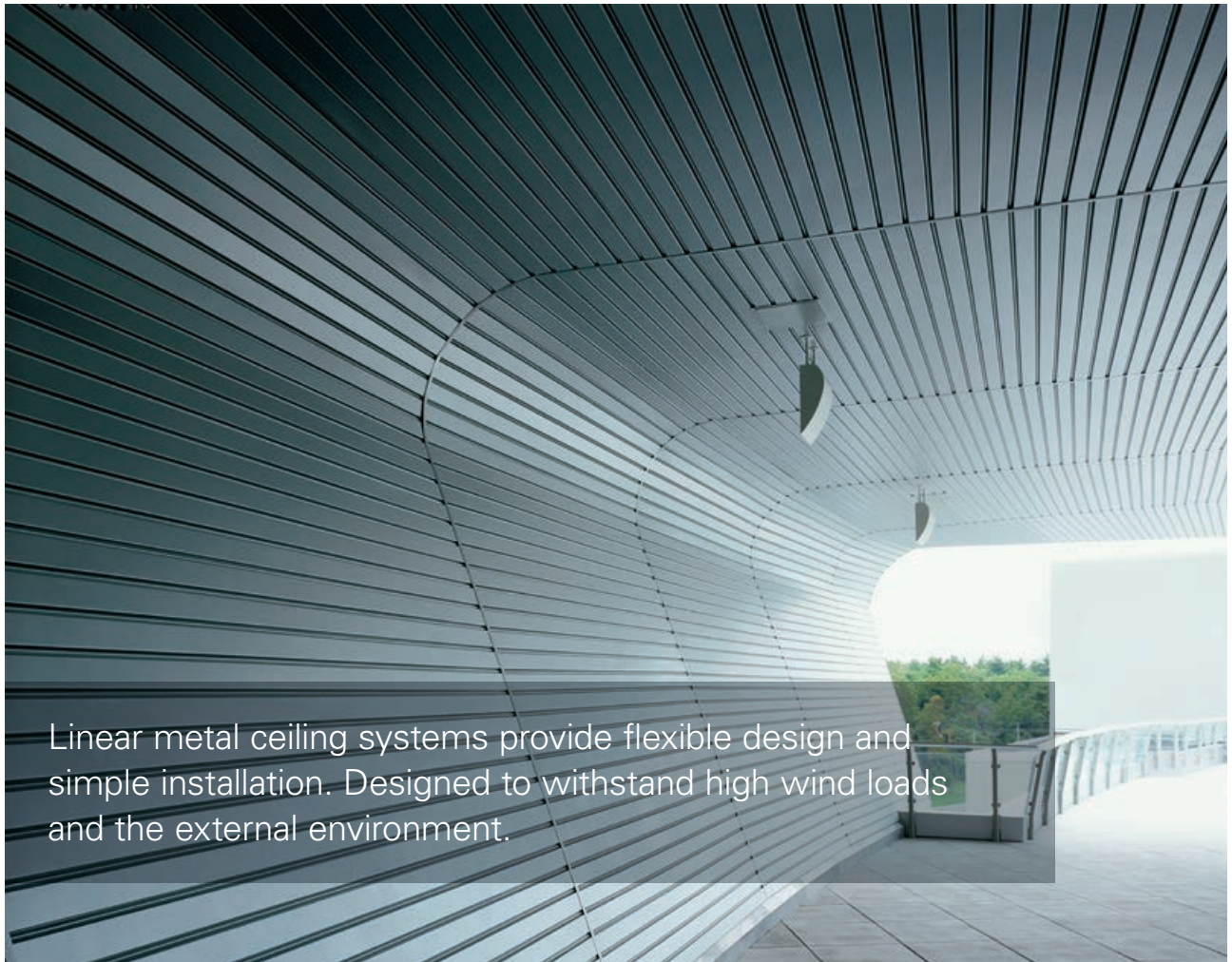
Engineered special veneers



- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Philips High Tech Campus, Eindhoven, The Netherlands - Product: Veneered Wood Tiles Exterior, American Maple - Architect: JHK Architecten



Linear metal ceiling systems provide flexible design and simple installation. Designed to withstand high wind loads and the external environment.

Project: Reebok World Headquarters, Canton, MA, USA - Product: Linear MultiPanel Exterior - Architect: NBBJ Architects of Seattle

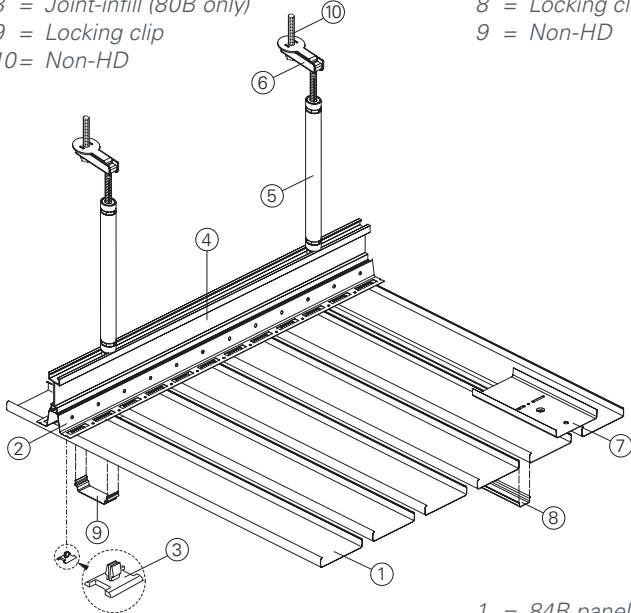
KEY FEATURES

- Panel widths: 70 mm (70U), 80 mm (80B) and 84 mm (84R)
- Panel length: 800 mm up to 6000 mm
- Panel depths:
 - 25 mm (70U)
 - 15 mm (80B)
 - 16 mm (84R)
- Special support system (ProFix™) to provide rigid and stable construction for wind load resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access

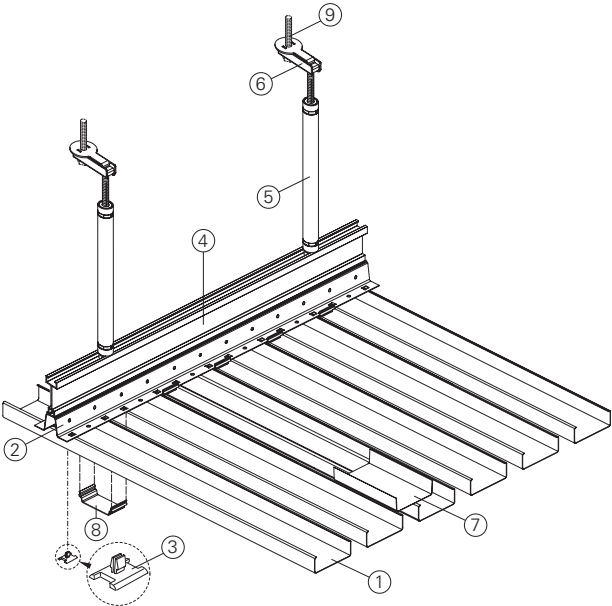


TYPICAL ISOMETRICS

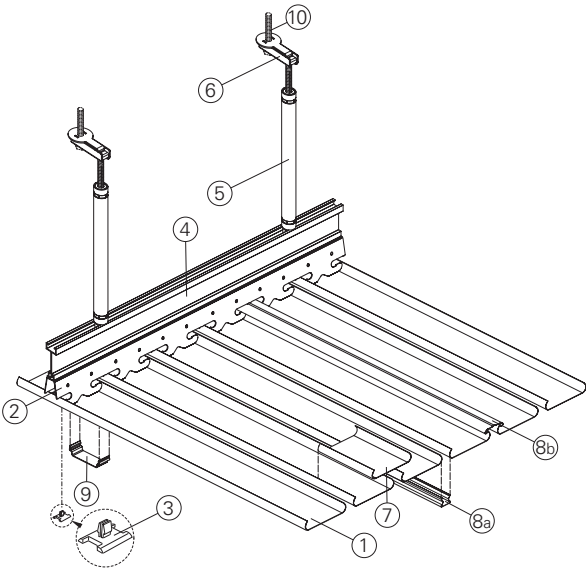
- 1 = 80B panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Panel splice
- 8 = Joint-infill (80B only)
- 9 = Locking clip
- 10= Non-HD



- 1 = 70U panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Panel splice
- 8 = Locking clip
- 9 = Non-HD

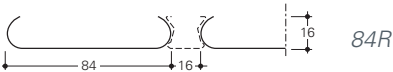
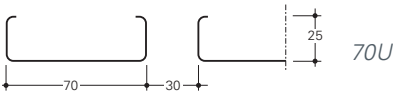
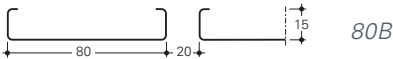


- 1 = 84R panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Panel splice
- 8a= Flush joint
- 8b= Recessed joint
- 9 = Locking clip
- 10= Non-HD



Spans vary with the applicable wind load

TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
Weight: Varies ca 2.5 kg/m² - 3.4 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0260: LR = 0.81
Wind load: according EN 1991-1-4 and National Annexes

BIM
REVIT files available, see website for details.

PERFORATION PATTERNS



Plain

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Daylight

CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request
Wind load resistance

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

PROTECTED BY LUXACOTE®

Luxacote® is a unique treatment for Luxalon® Exterior Ceilings.

Unprecedented Protection



Proprietary Hunter Douglas’ Luxacote® makes exterior ceilings extremely durable, providing colour and gloss stability, high scratch resistance, and resistance to corrosion. With Luxacote®, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

Luxacote® protects the aluminium surface from corrosion and permanently anchors the paint to the metal surface. It contains highly colour-stable pigments for optimal colour-fastness and a highly scratch- and wear-resistant surface.

STANDARD LUXACOTE® PAINT COLOURS 80B AND 84R



0260
±RAL 9010



0401



1660
±RAL 7015



7035
±RAL 9007




7080
±RAL 9006


CUSTOM COLOURS




WOOD TONES (OPTIONAL), NON LUXACOTE®




8476
Cedar




8474
Pine



8494
Oak




8492
Birch



8472
Palisander

STANDARD LUXACOTE® PAINT COLOURS 70U



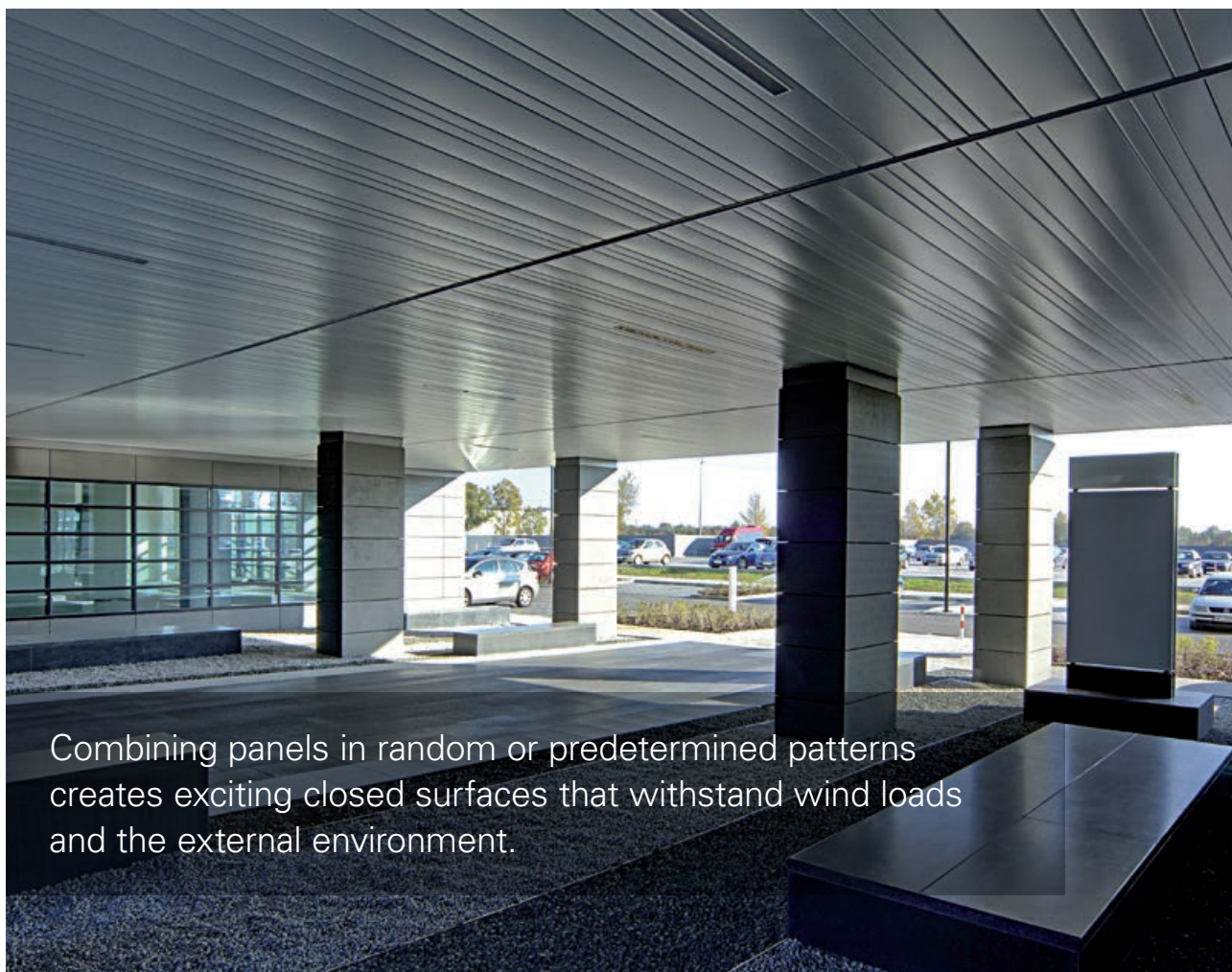
0401

CUSTOM COLOURS





Project: Ferrari Restaurant, Maranello, Italy - Product: Linear Multipanel Exterior - Architect: M. Visconti



Combining panels in random or predetermined patterns creates exciting closed surfaces that withstand wind loads and the external environment.

Project: Poleczki Business Park, Warswa, Poland - Product: Linear Closed Exterior - Architect: RKW

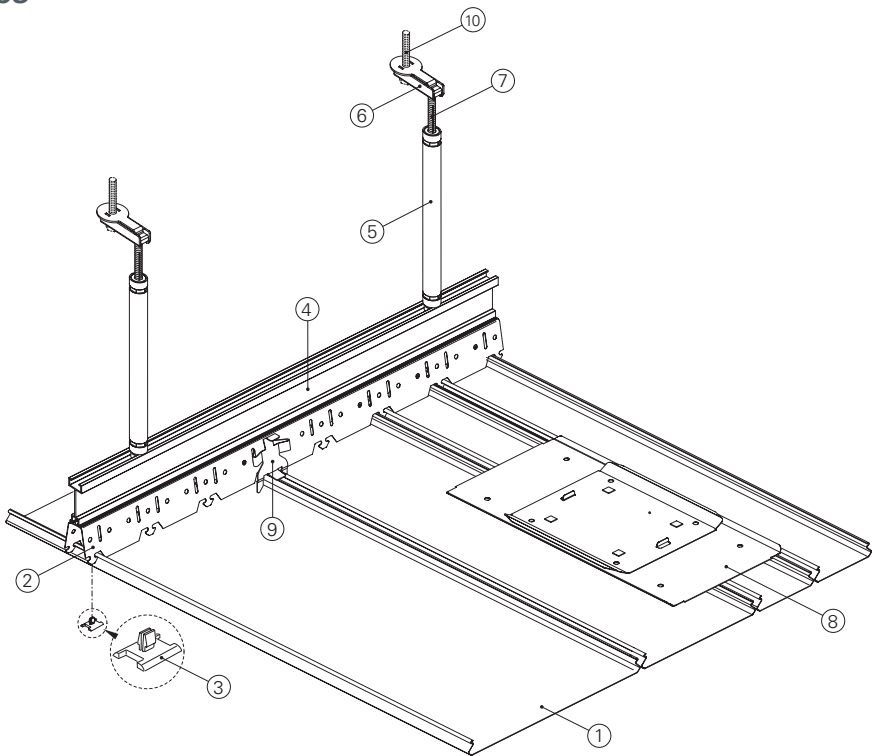
KEY FEATURES

- Panel widths: 75, 150 and 225 mm
- Panel length: 800 mm up to 6000 mm
- Panel depths: 15 mm
- Special support system (ProFix™) to provide rigid and stable construction for wind load resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access



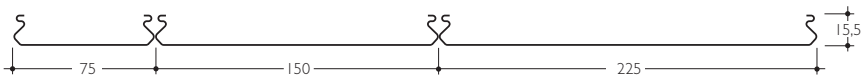
TYPICAL ISOMETRICS

- 1 = Panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Threaded rod
- 8 = Panel splice
- 9 = Locking clip
- 10= Non-HD

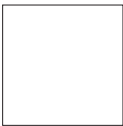


Spans vary with the applicable wind load

TYPICAL SECTIONS



PERFORATION PATTERNS



Plain

PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
Weight: Varies ca 2.5 kg/m² - 3.4 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0260: LR = 0.81
Wind load: according EN 1991-1-4 and National Annexes

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Daylight

CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request
Wind load resistance

COLOURS AND FINISHES

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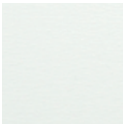
Unprecedented Protection



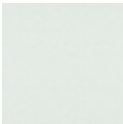
Proprietary Hunter Douglas’ Luxacote® makes exterior ceilings extremely durable, providing colour and gloss stability, high scratch resistance, and resistance to corrosion. With Luxacote®, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

Luxacote® protects the aluminium surface from corrosion and permanently anchors the paint to the metal surface. It contains highly colour-stable pigments for optimal colour-fastness and a highly scratch- and wear-resistant surface.


STANDARD LUXACOTE® PAINT COLOURS




0260
±RAL 9010




0401



1660
±RAL 7015
(75C only)



7035
±RAL 9007
(75C only)




7080
±RAL 9006


CUSTOM COLOURS




WOOD TONES (OPTIONAL), NON LUXACOTE®



8476
Cedar



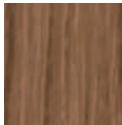
8474
Pine



8494
Oak



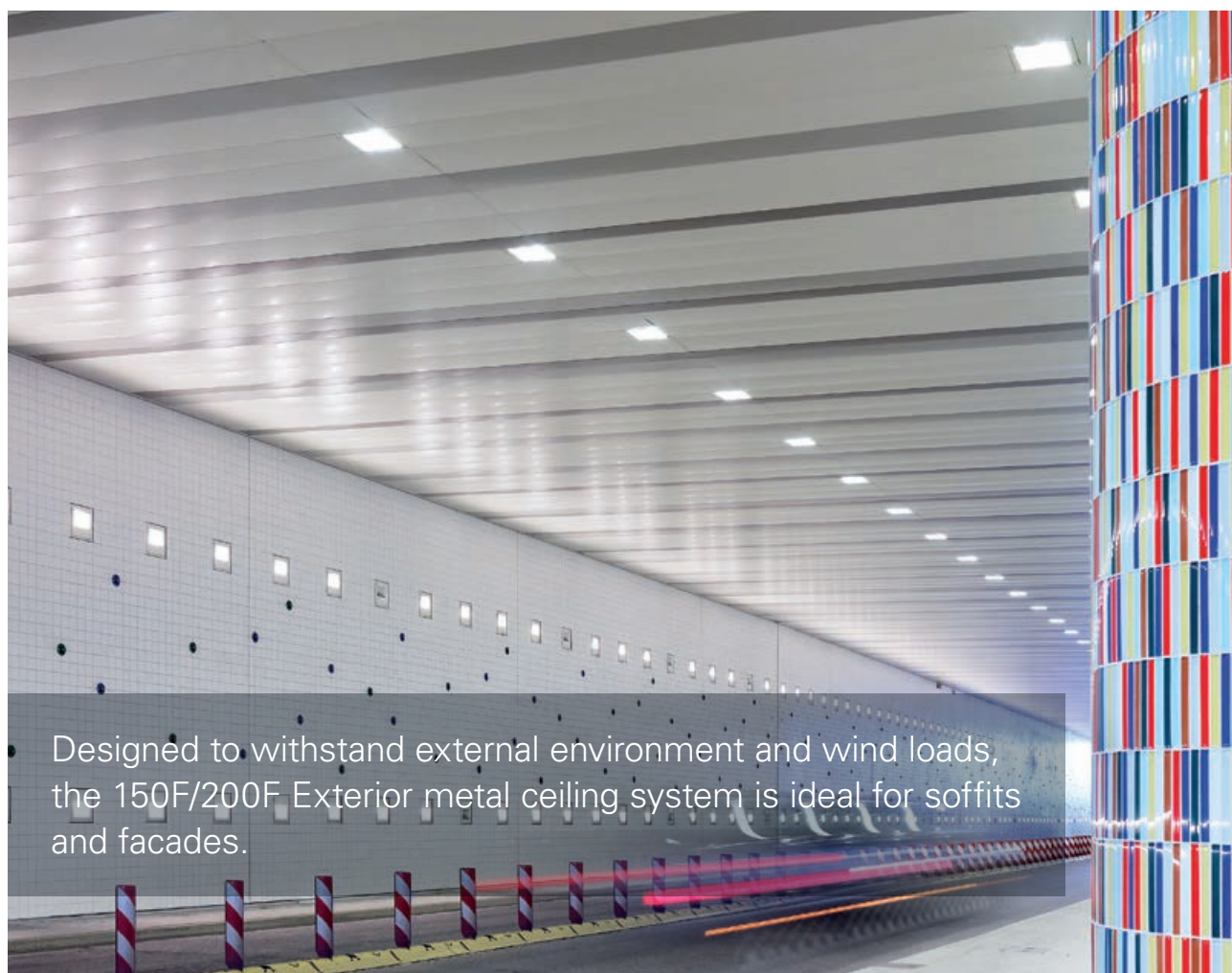
8492
Birch



8472
Palisander



Project: Gwenlane Towers, Johannesburg, SA - Product : Linear Closed Exterior - Architect : BK Architects



Designed to withstand external environment and wind loads, the 150F/200F Exterior metal ceiling system is ideal for soffits and facades.

Project: Above : Weena Tunnel, Rotterdam, The Netherlands - Product : Exterior Ceiling - Architect : Maarten Struijs

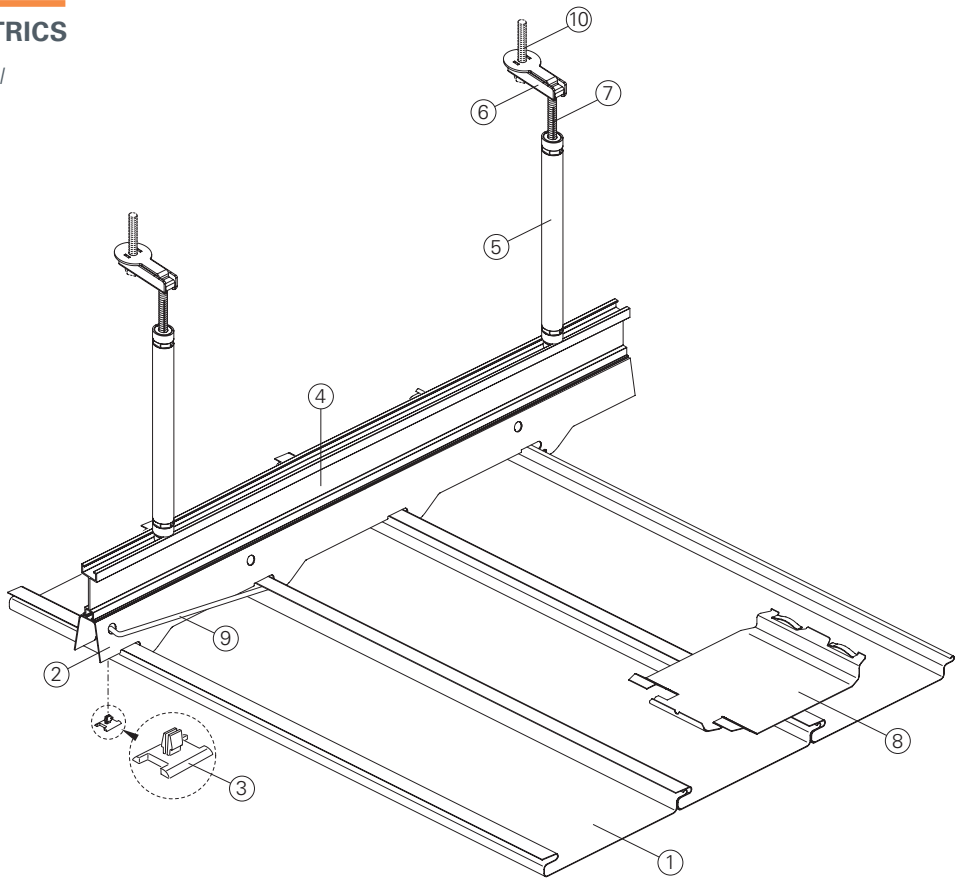
KEY FEATURES

- Panel widths: 150 mm (150F) and 200 mm (200F)
- Panel length: 800 mm up to 6000 mm
- Special support system (ProFix™) to provide rigid and stable construction for wind load resistance
- Both panels can be combined in one installation (fixed on screw clamps)
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access



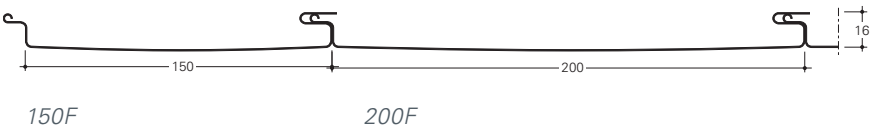
TYPICAL ISOMETRICS

- 1 = 150F/200F panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Threaded rod
- 8 = Panel splice
- 9 = U-bracket
- 10= Non-HD



Spans vary with the applicable wind load

TYPICAL SECTIONS



PERFORATION PATTERNS



Plain

PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
Weight: Varies ca 2.8 kg/m² - 3.1 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- HD0260: LR = 0.81
Wind load: according EN 1991-1-4 and National Annexes

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Daylight

CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation Class A+
Cradle to Cradle™ Level Bronze
EPD: Available upon request
Wind load resistance

COLOURS AND FINISHES

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Unprecedented Protection



Proprietary Hunter Douglas’ Luxacote® makes exterior ceilings extremely durable, providing colour and gloss stability, high scratch resistance, and resistance to corrosion. With Luxacote®, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

Luxacote® protects the aluminium surface from corrosion and permanently anchors the paint to the metal surface. It contains highly colour-stable pigments for optimal colour-fastness and a highly scratch- and wear-resistant surface.

STANDARD LUXACOTE® PAINT COLOURS



0260
±RAL 9010



0401



1660
±RAL 7015



7035
±RAL 9007




7080
±RAL 9006


CUSTOM COLOURS




WOOD TONES (OPTIONAL), NON LUXACOTE®




8476
Cedar




8474
Pine



8494
Oak



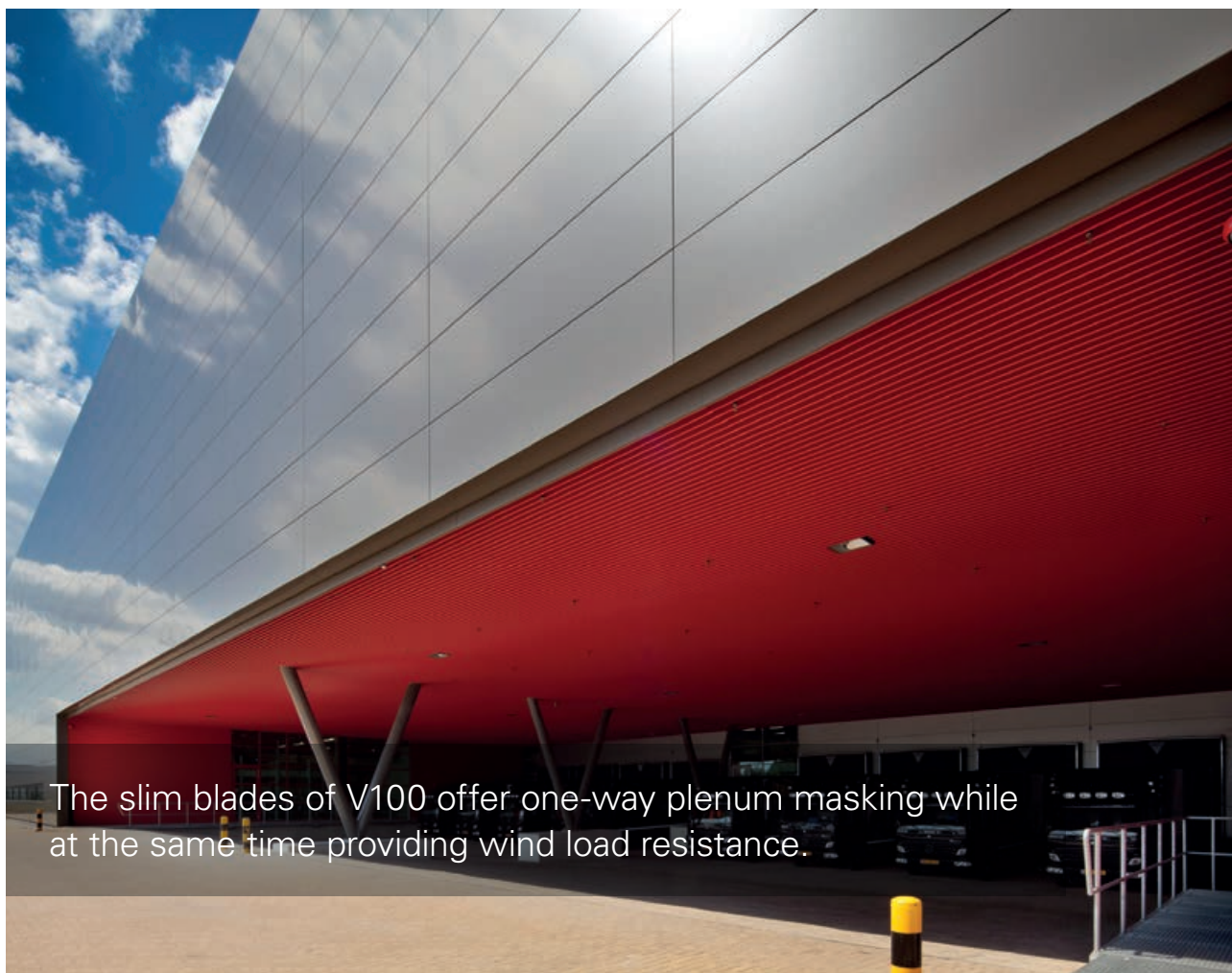
8492
Birch



8472
Palisander



Project: Wildlands, Emmen, The Netherlands - Product: Linear 150F/200F - Architect: LKSVD architecten



The slim blades of V100 offer one-way plenum masking while at the same time providing wind load resistance.

Project: Distributie Centrum, Tilburg, the Netherlands - Product: Baffles V100 - Architect: Jeroen Weijers, Van Oers Weijers Architecten

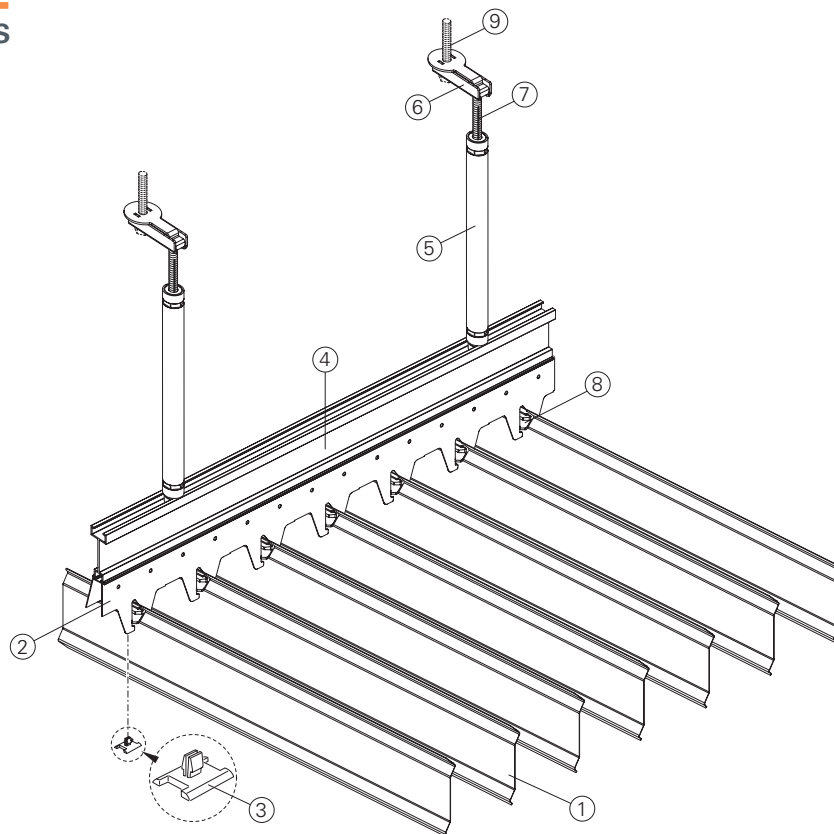
KEY FEATURES

- Panel height: 100 mm
- Panel length: 800 mm up to 6000 mm
- Special support system (ProFix™) to provide rigid and stable construction for wind load resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access



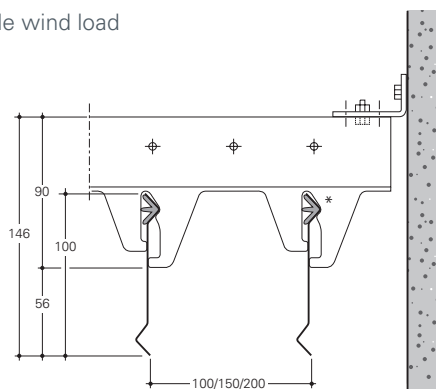
TYPICAL ISOMETRICS

- 1 = V100 panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Threaded rod
- 8 = Locking clip
- 9 = Non-HD



Spans vary with the applicable wind load

TYPICAL SECTIONS



PERFORATION PATTERNS



Plain

PHYSICAL DATA

Substrate: Aluminium

Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1

Weight: Varies ca 2.8 kg/m² - 3.1 kg/m²

Light reflectance (LR) Coefficient:

- Varies with finish
- HD0260: LR = 0.81

Wind load: according EN 1991-1-4 and National Annexes

BIM

REVIT files available, see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance

MR : Building Product Disclosure

EQ : Low-Emitting Materials

EQ : Daylight

CERTIFICATIONS

ISO 9001

ISO 14001

TAIM Certified

French VOC Regulation Class A+

Cradle to Cradle™ Level Bronze

EPD: Available upon request

Wind load resistance

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

PROTECTED BY LUXACOTE®

Luxacote® is a unique treatment for Luxalon® Exterior Ceilings.

Unprecedented Protection



Proprietary Hunter Douglas’ Luxacote® makes exterior ceilings extremely durable, providing colour and gloss stability, high scratch resistance, and resistance to corrosion. With Luxacote®, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

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STANDARD LUXACOTE® PAINT COLOURS



0260
±RAL 9010



0401



7035
±RAL 9007




7080
±RAL 9006


CUSTOM COLOURS




WOOD TONES (OPTIONAL), NON LUXACOTE®




8476
Cedar




8474
Pine



8494
Oak



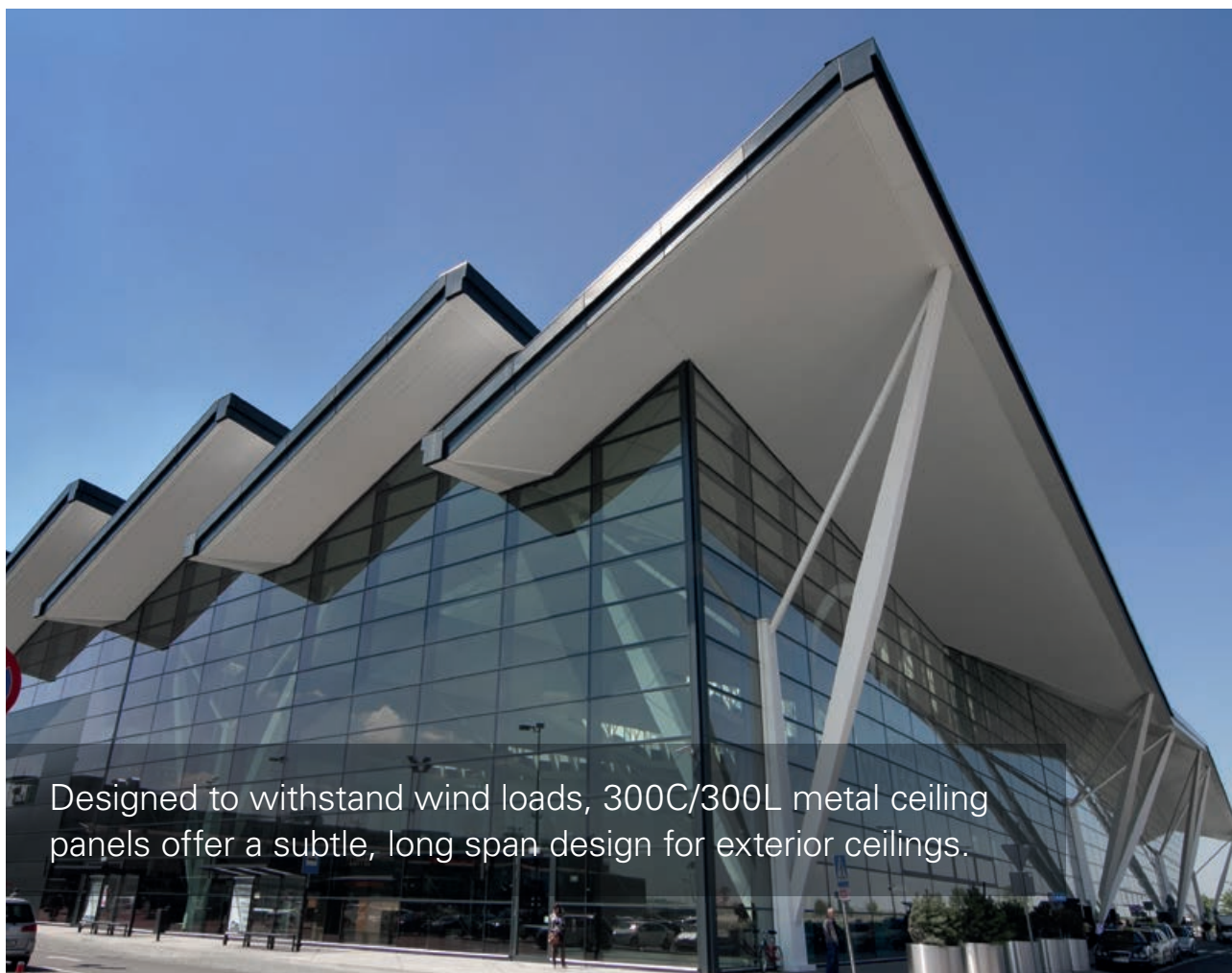
8492
Birch



8472
Palisander



Project: Distributie Centrum, Tilburg, the Netherlands - Product: Baffles V100 - Architect: Jeroen Weijers, Van Oers Weijers Architecten



Designed to withstand wind loads, 300C/300L metal ceiling panels offer a subtle, long span design for exterior ceilings.

Project: Terminal at Gdansk Lech Walesa Airport, Gdansk, Poland - Product: Wide Panel 300C/300L Exterior Ceiling - Architect: JSK Architekci Sp z o.o.

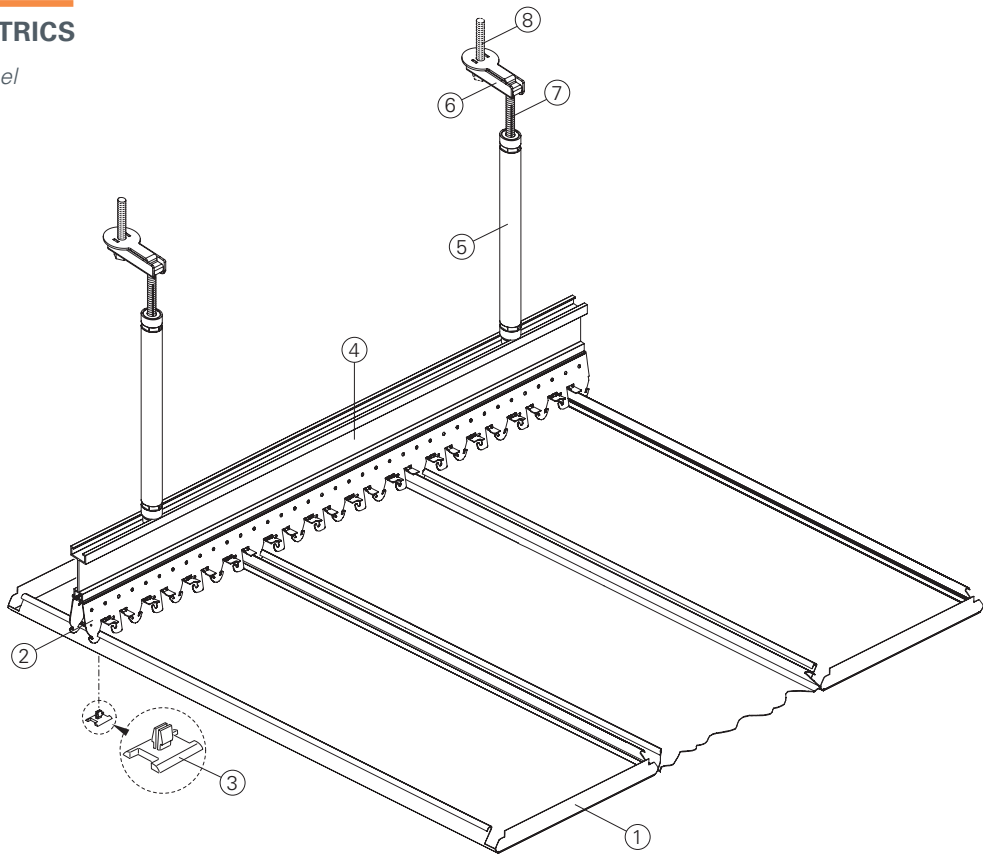
KEY FEATURES

- Panel width 300 mm
- Panel length: 1000 mm up to 6000 mm
- Bevel-edge design (300C) and square edge design (300L)
- Special support system (ProFix™) to provide rigid and stable construction for wind load resistance
- Both panels can be combined in one installation (fixed on screw clamps)
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access



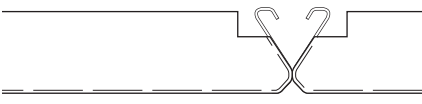
TYPICAL ISOMETRICS

- 1 = 300C/300L panel
- 2 = Carrier
- 3 = Screw washer
- 4 = Reinforcement
- 5 = Hanger
- 6 = Top fixing
- 7 = Threaded rod
- 8 = Non-HD

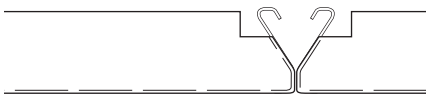


Spans vary with the applicable wind load

TYPICAL SECTIONS



300C



300L

PERFORATION PATTERNS



Plain

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
- Weight: Varies ca 2.9 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0260: LR = 0.81
- Wind load: according EN 1991-1-4 and National Annexes

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Daylight

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request
- Wind load resistance

COLOURS AND FINISHES

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PROTECTED BY LUXACOTE®

Luxacote® is a unique treatment for Luxalon® Exterior Ceilings.

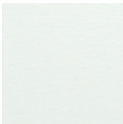
Unprecedented Protection



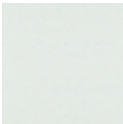
Proprietary Hunter Douglas’ Luxacote® makes exterior ceilings extremely durable, providing colour and gloss stability, high scratch resistance, and resistance to corrosion. With Luxacote®, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

Luxacote® protects the aluminium surface from corrosion and permanently anchors the paint to the metal surface. It contains highly colour-stable pigments for optimal colour-fastness and a highly scratch- and wear-resistant surface.

STANDARD LUXACOTE® PAINT COLOURS



0260
±RAL 9010



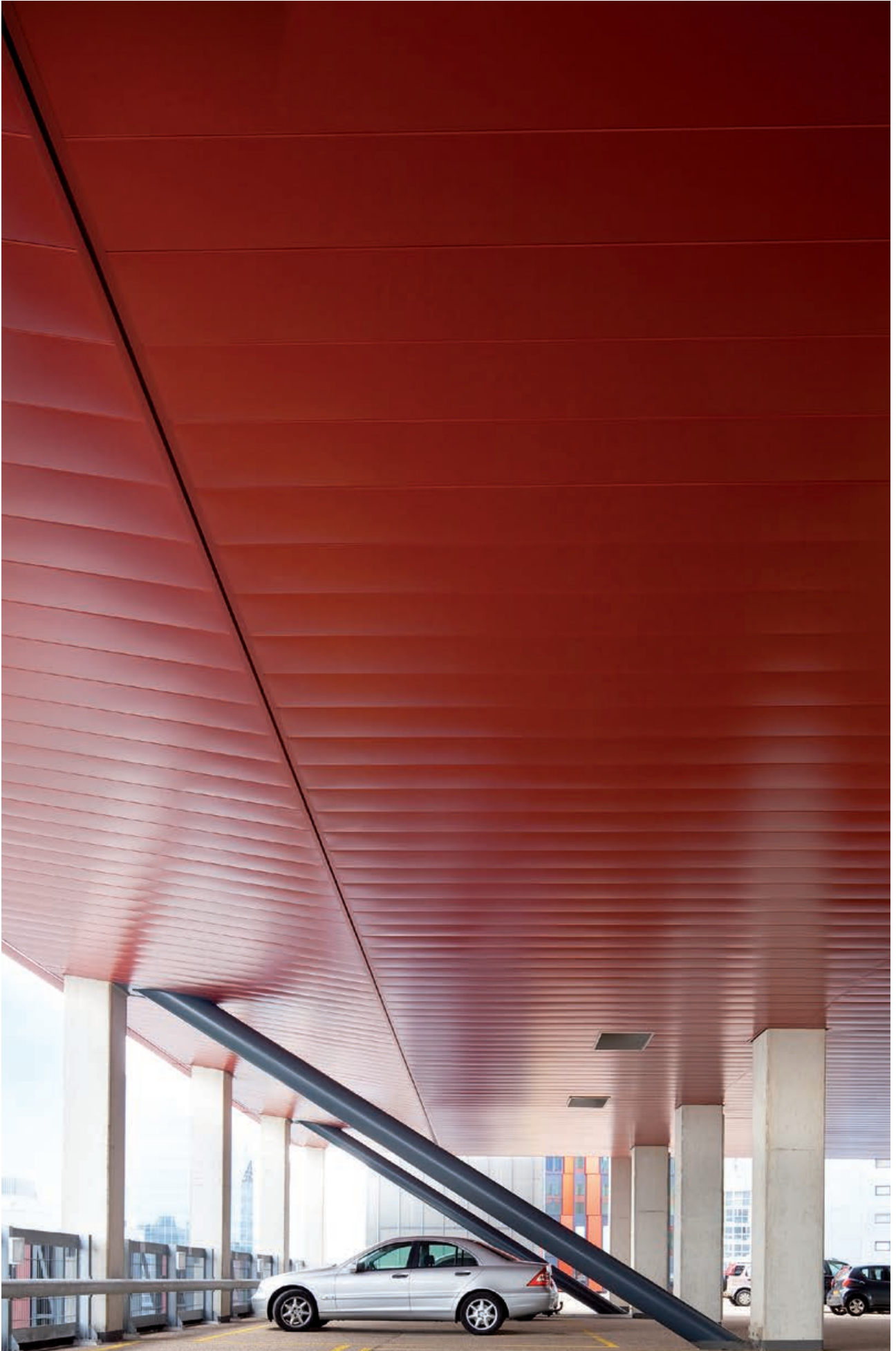
0401



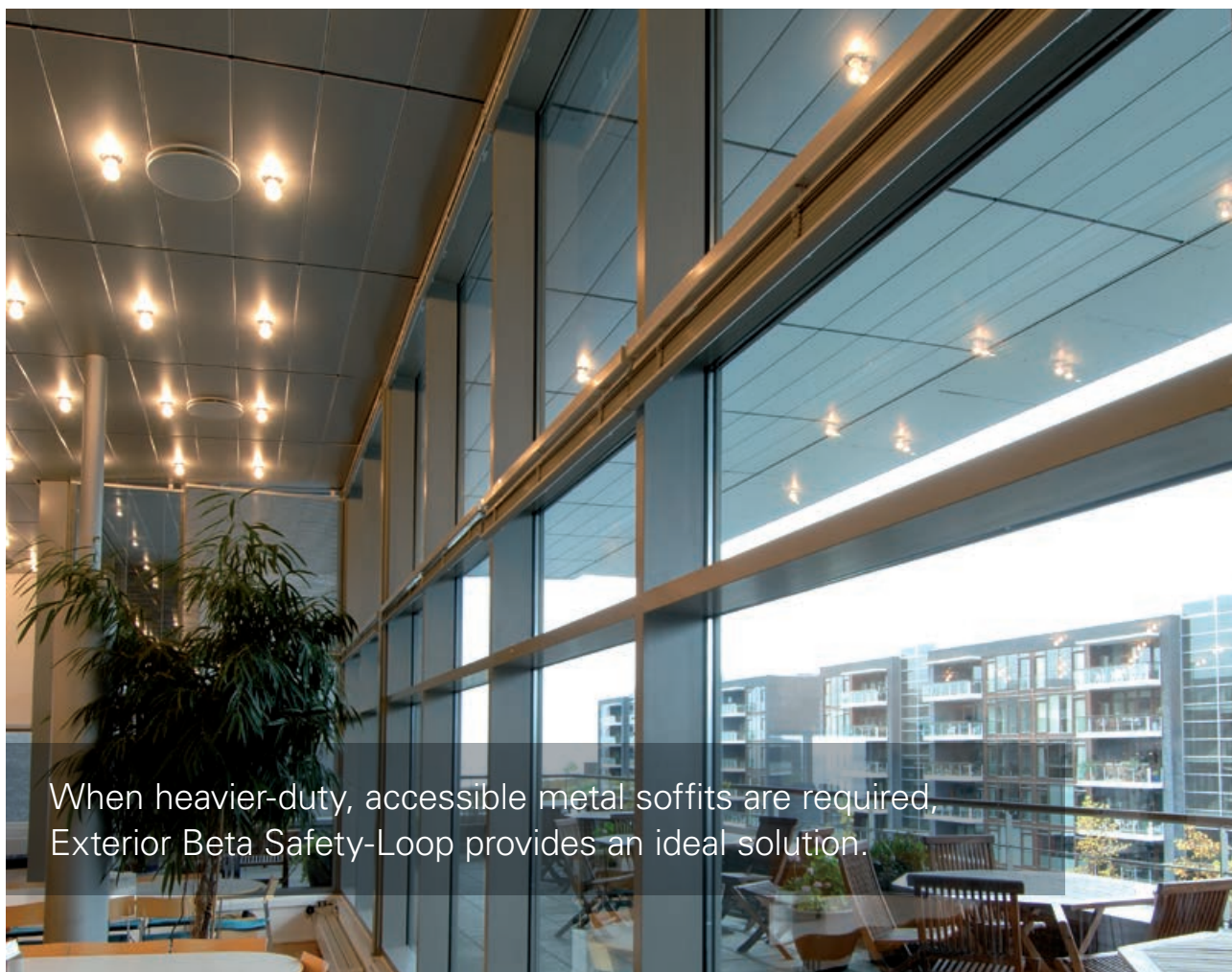
7080
±RAL 9006

CUSTOM COLOURS





Project: Red Apple, Rotterdam, The Netherlands - Product: Wide Panel 300C/300L Exterior Ceiling - Architect: KCAP Architecten & Planners



When heavier-duty, accessible metal soffits are required, Exterior Beta Safety-Loop provides an ideal solution.

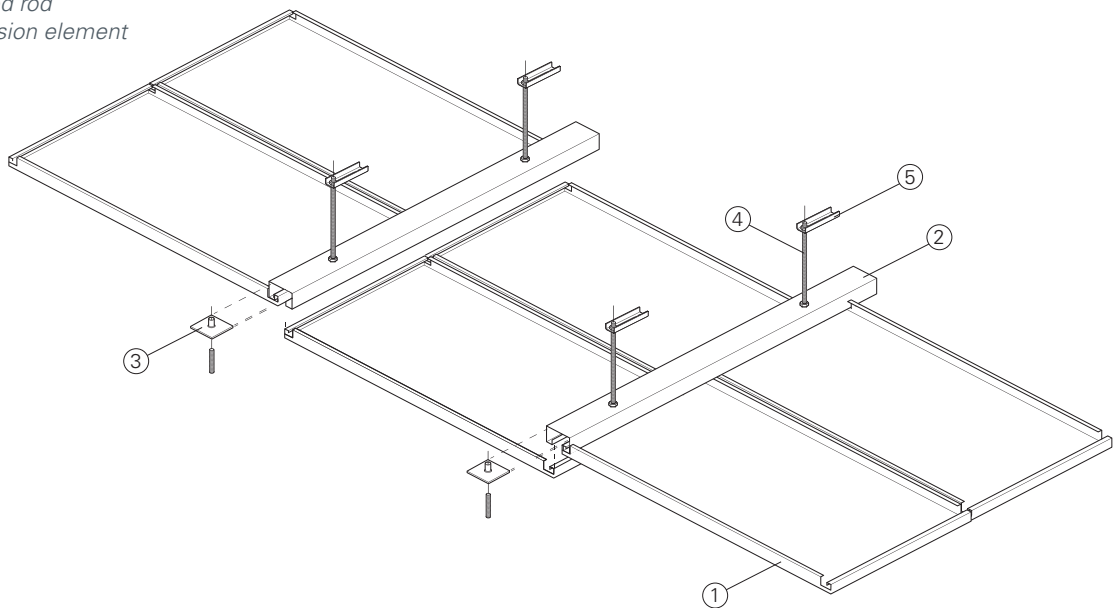
Project: PA Consult C&H, Copenhagen, Denmark - Product: Planks Beta Safety-Loop - Architect: Perlt&Black a/s C&H

KEY FEATURES

- Panel sizes:
 - minimum 300 x 520 mm
 - maximum 1050 x 1800 mm
- Square-edge design
- Special safety loop system to provide rigid and accessible construction with wind load resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access

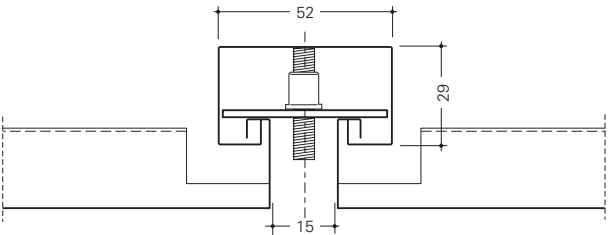
TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Safety-Loop profile
- 3 = Locking plate with screw
- 4 = Threaded rod
- 5 = Suspension element



Spans vary with the applicable wind load

TYPICAL SECTIONS



PERFORATION PATTERNS



Plain

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
- Weight: Varies ca 4.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0260: LR = 0.81
- Wind load: according EN 1991-1-4 and National Annexes

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Daylight

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM QS
- French VOC Regulation Class A+
- Wind load resistance

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

STANDARD PAINT COLOURS

				
0260 RAL 9010	0401	1660 RAL 7015	7035 RAL 9007	7080 RAL 9006

CUSTOM COLOURS



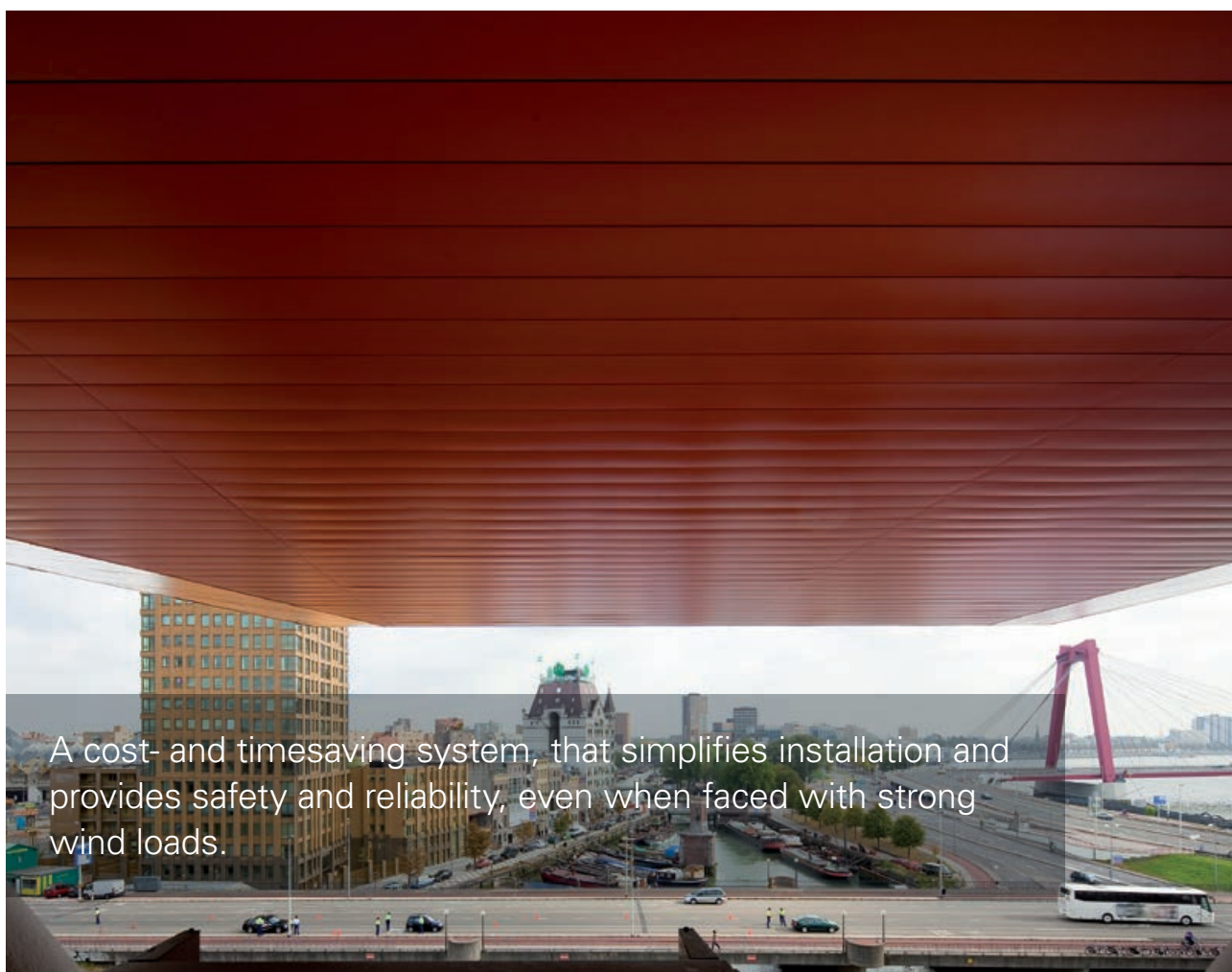
DECORATED WOOD-LOOK OPTIONS

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

							
Fonthill Cherry 8426	Walnut 8424	Amber Bamboo 8435	African Wenge 8944	Grey Barnwood Cedar 8437	Golden Douglas Fir 8436	American Oak 8439	Cajun Cypress 8442
							
Swamp Cypress 8444	Clipper Teak 8446	Windjammer Teak 8449	Douglas Fir 8452	Anigre 8453	Farm Maple 8458	Caravel Teak 8460	Regatta Teak 8461
							
Summer Maple 8465	Terrace Maple 8466	Red River Pecan 8467	Bayou Pecan 8468	Northwest Mountain Hemlock 8489	Whitewash 8498	Rustic Cherry 8939	Cherry 8942



Project: PA Consult C&H, Copenhagen, Denmark - Product: Planks Beta Safety-Loop - Architect: Perlt&Black a/s C&H



A cost- and timesaving system, that simplifies installation and provides safety and reliability, even when faced with strong wind loads.

Project: Red Apple, Rotterdam, The Netherlands - Product: Suspension system ProFix™ - Architect: KCAP Architecten & Planners

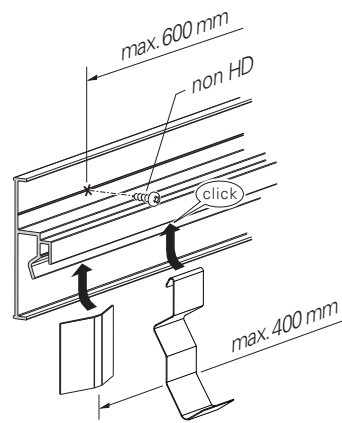
KEY FEATURES

- Corrosion resistant construction for enhanced durability
- Applicable with all standard carriers
- Suspension heights 150 - 1250 mm
- adjustable to allow for site tolerances
- Tested on loading capabilities
- Special edge trim construction for easy plenum access
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum

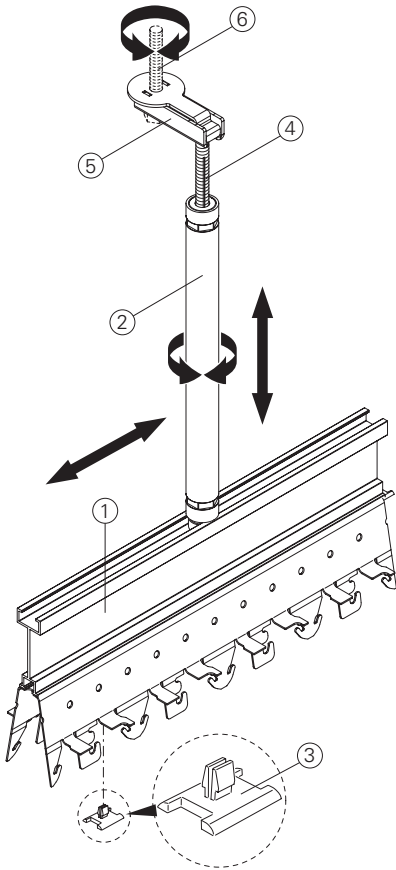


TYPICAL ISOMETRICS

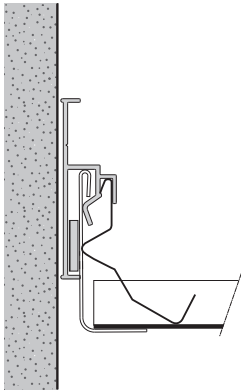
- 1 = Reinforcement
- 2 = Hanger
- 3 = Screw washer
- 4 = Threaded rod
- 5 = Top fixing
- 6 = Non-HD



Spans vary with the applicable wind load



TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Aluminium and galvanized steel
Fire rating: Class A1 according EN 13501-1
Wind load: according EN 1991-1-4 and National Annexes

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

EA : Optimise Energy Performance
MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Daylight

CERTIFICATIONS

ISO 9001
ISO 14001
TAIM Certified
French VOC Regulation Class A+
Cradle to Cradle™ Level Bronze
Wind load resistance



Project: NHL Hogeschool, Leeuwarden, The Netherlands
Product: Veneered Wood Wall and Ceiling Tiles, Okoume veneer
Architect: Herman Hertzberger

WALL SYSTEMS

With a 60 year legacy of product innovation,
our wall systems lead in design, function
and sustainability.





Project: Cristalia 4B, Madrid, Spain
Architect: Rafael de la Hoz
Product: Solid Wood Grill



Project: Amity University, Dubai, United Arab Emirates
Architect: IR Design
Product: Veneered Wood Ceiling and Wall tiles, Cherry



Project: eclipsLife, Amstelveen, The Netherlands
Architect: M3 Interieur
Product: HeartFelt® Linear Wall systems

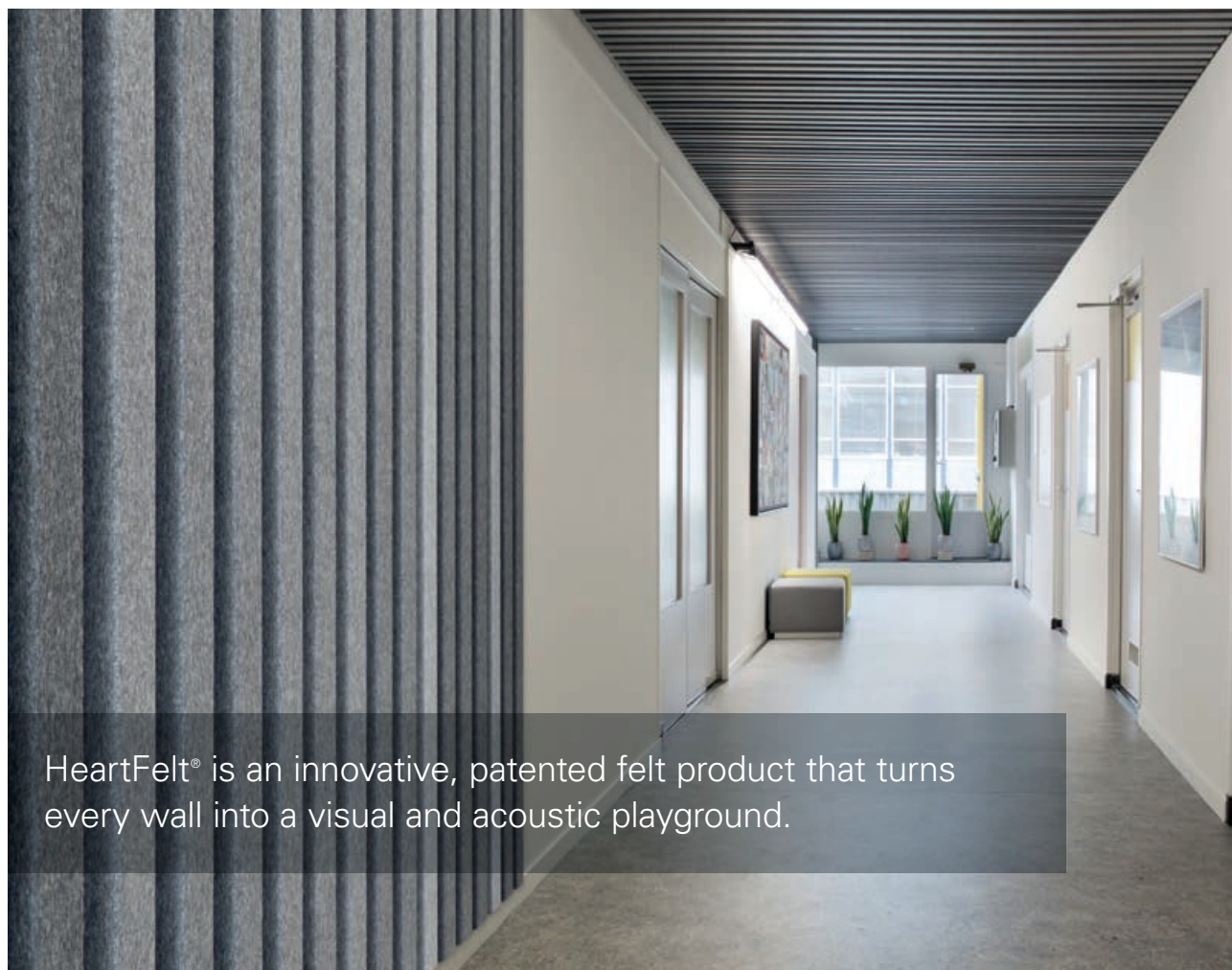
WALL SYSTEMS

HEARTFELT® LINEAR 296

SOLID WOOD GRILL AND LINEAR 300

VENEERED WOOD GRILL AND LINEAR 304

VENEERED WOOD TILES AND TOPLINE® 308



HeartFelt® is an innovative, patented felt product that turns every wall into a visual and acoustic playground.

Project: Corporate Office, The Netherlands - Product: HeartFelt® Linear Wall systems

KEY FEATURES

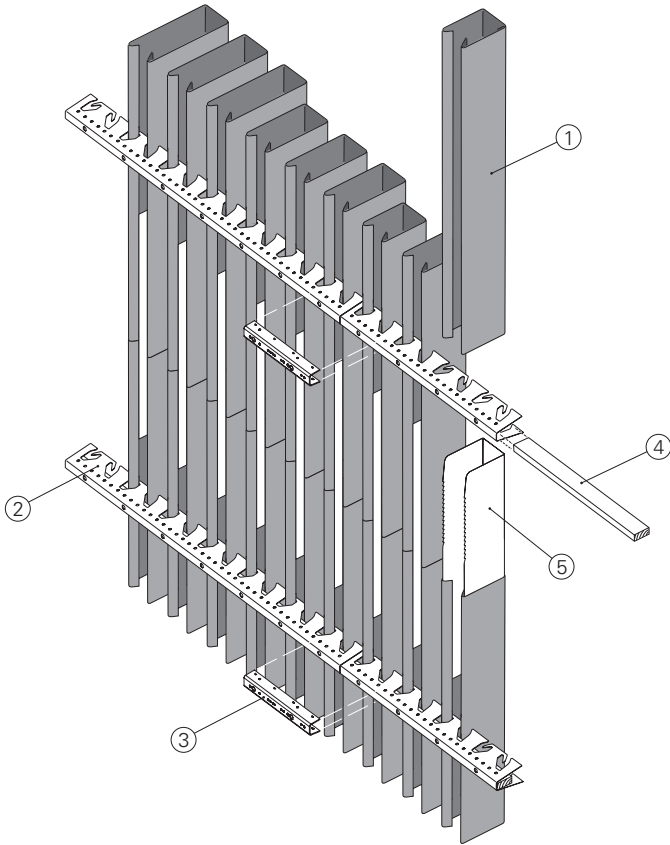
- Modular wall system with felt panels
- Panel dimensions 40 x 55 mm
- Panel length 1000 to 6000 mm
- Six standard carrier modules to vary reveal (M50-M100) for acoustics and aesthetics
- Easy wall cavity access
- Interior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



red**dot** award 2017
best of the best

TYPICAL ISOMETRICS

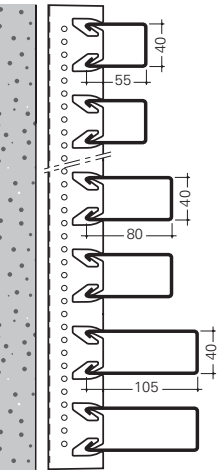
- 1 = HeartFelt® Panel
- 2 = Carrier
- 3 = Carrier splice
- 4 = Locking profile
- 5 = Panel Splice



Maximum panel span 800 mm,
maximum panel cantilever 150 mm

maximum carrier span 750 mm,
maximum carrier cantilever 300 mm

TYPICAL HORIZONTAL SECTION



PHYSICAL DATA

Substrate: Non-woven thermo-formable PES fibers
Fire rating: Class B,s1,d0 according EN 13501-1
Weight: 4.6 kg/m² (M50) - 3.5 kg/m² (M100)
Light reflectance: Varies with colour selected
Exposure Class A and B according EN 13964



LEED V4 CREDITS

MR : Building Product Disclosure
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Acoustic Performance

CERTIFICATIONS
Indoor Air Comfort Gold
French VOC Regulation Class A+
Cradle to Cradle™ Level Bronze
Oekotex Standard 100 Class IV
SundaHus Miljödata Class A
GreenGuard Gold

COLOURS

Colors are for illustration purposes only.

SHADES OF GREY



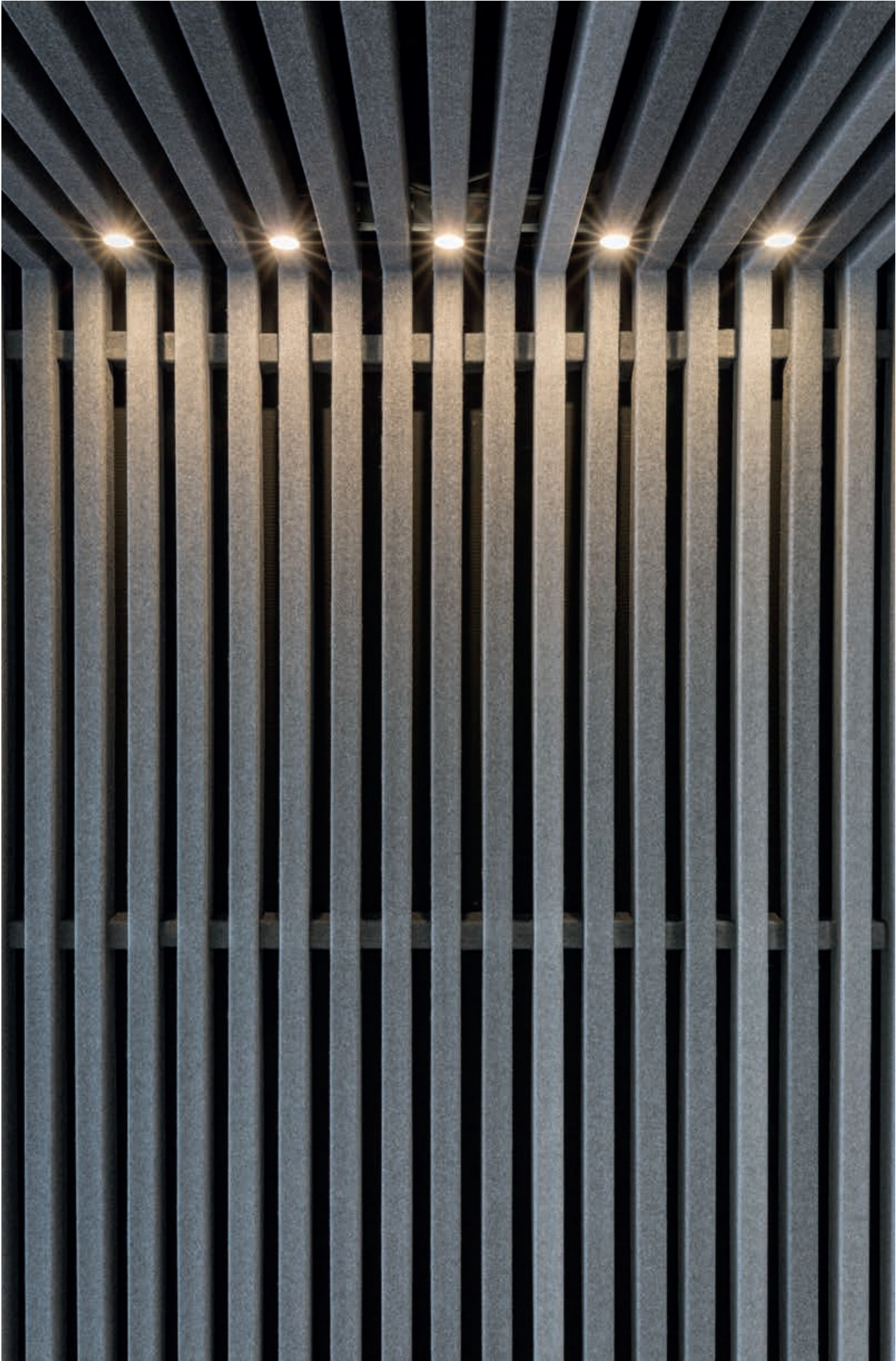
EARTH TONES



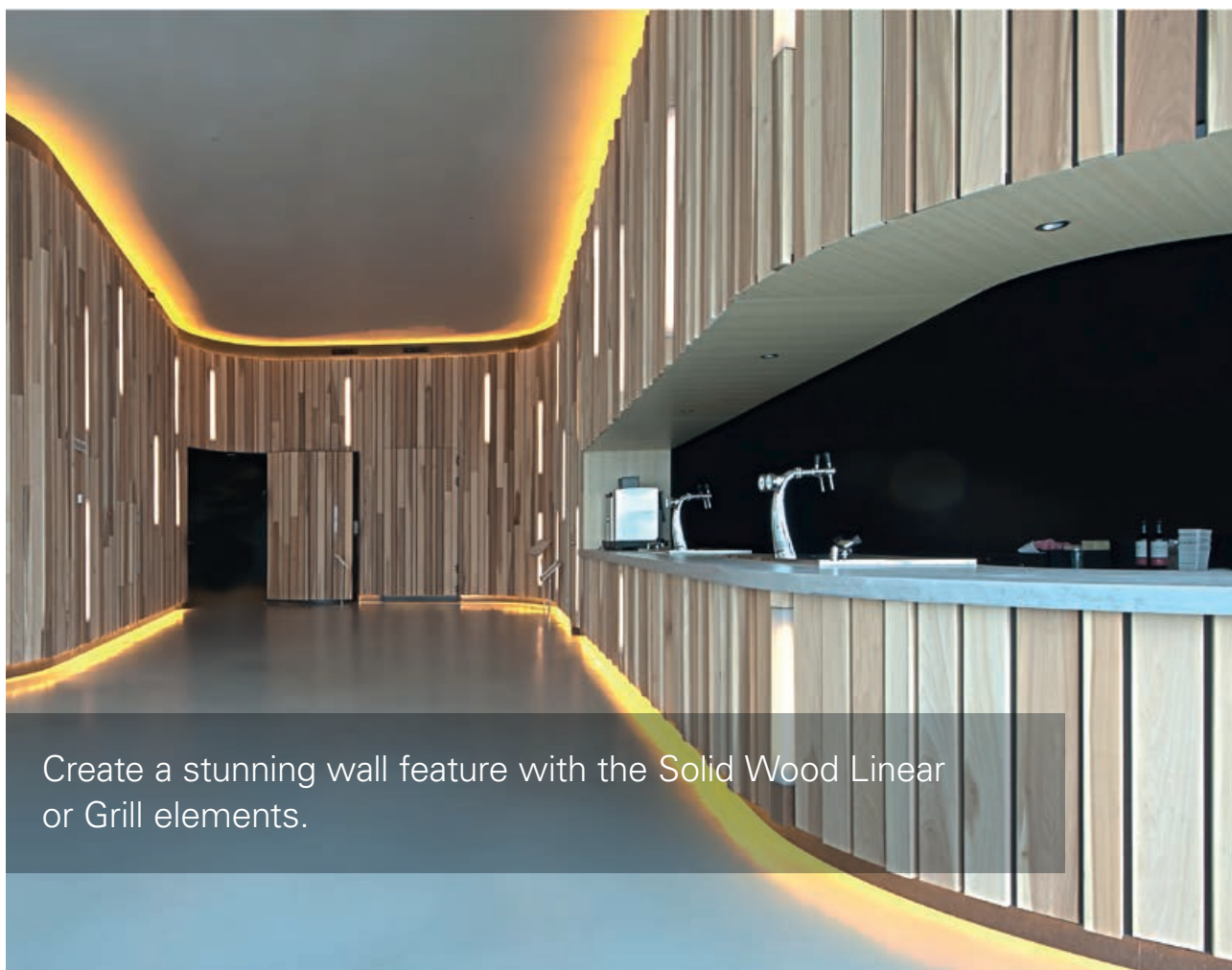
ACOUSTICAL RATINGS - α_w

Module (mm)	Joints (mm)	Openness %	α_w
M50	10	20%	0.70 (H)
M60	20	33%	0.65 (H)
M70	30	43%	0.60 (H)
M70*	30	43%	1.00 (H)
M80	40	50%	0.50 (H)
M90	50	55%	0.45 (H)
M100	60	60%	0.45 (H)

* Ceiling panels covered with mineral wool tiles or PES acoustical tiles.



Project: Corporate Office, The Netherlands - Product: HeartFelt® Linear Wall systems



Create a stunning wall feature with the Solid Wood Linear or Grill elements.

Project: Theatre and Arts Center de Kom, Nieuwegein, The Netherlands - Product: Solid Wood Linear Wall in multiple dimensions, American Yellow Poplar - Architect: de Architekten Cie.

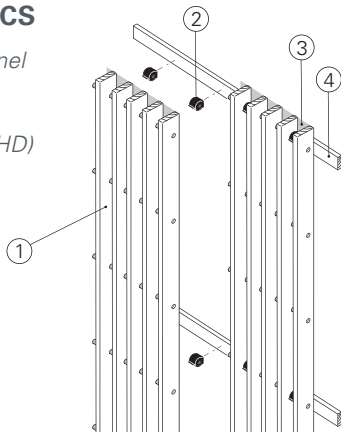
KEY FEATURES

- Interior applications
- Various Grill dimensions:
Width: 20 mm
Lengths up to 2500 mm
Height: 35 - 120 mm
Joint width: 25 - 150 mm
- Various Linear dimensions:
Width: 63 - 68 - 70 - 83 - 92 - 110 - 116 mm
Lengths up to 2500 mm
Thickness: 15 mm
Joint width: 12 - 13 - 15 - 19 mm
- Variety of 20+ wood species, FSC or PEFC certified
- Optionally supplied with acoustic tissue
- Clear and coloured stains available
- Curved and undulating shapes possible
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

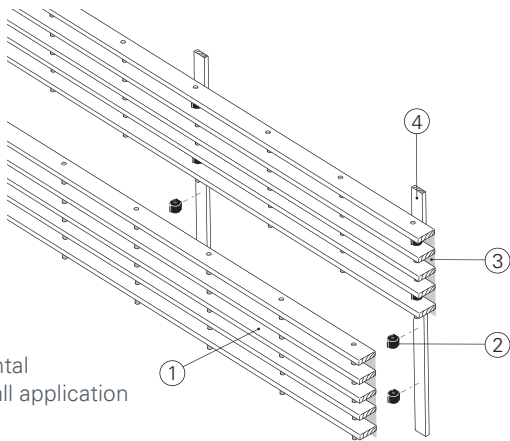
TYPICAL ISOMETRICS

- 1 = Solid Wood Grill panel
- 2 = Wall clip
- 3 = Acoustic tissue
- 4 = Substructure (Non-HD)

Vertical Grill wall application

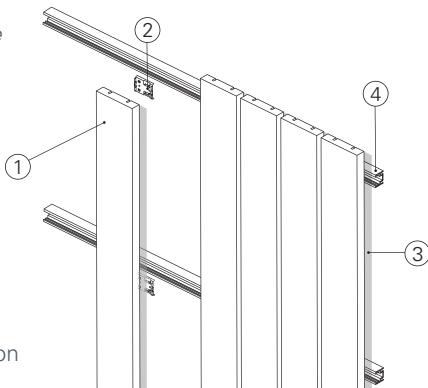


Horizontal Grill wall application

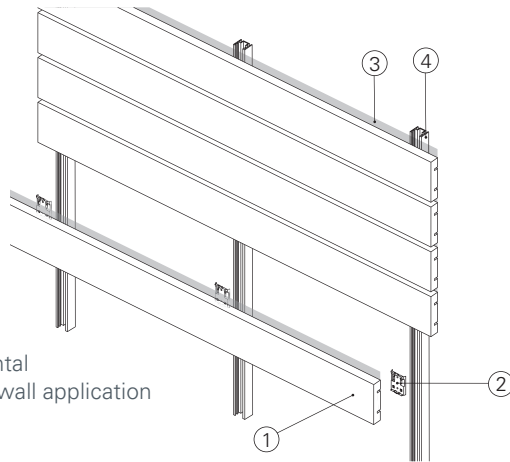


- 1 = Solid Wood Linear panel
- 2 = Wall clip
- 3 = Acoustic tissue
- 4 = SLR profile

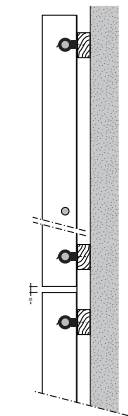
Vertical Linear wall application



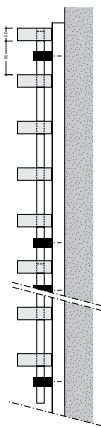
Horizontal Linear wall application



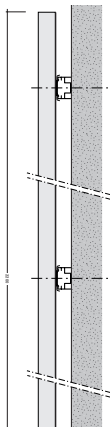
TYPICAL SECTIONS



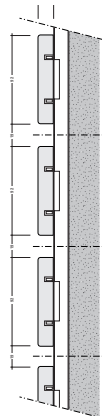
Vertical Grill wall application



Horizontal Grill wall application



Vertical Linear wall application



Horizontal Linear wall application

PHYSICAL DATA

Fire rating: B,s2,d0 (according to 13501-1),
depending on wood specie and treatment
Acoustic ratings: α_w 0.30 - 0.50
(according to ISO 11654). See page 353
Weight: 5.0 - 12.0 kg/m² (M100)
VOC Emission: Class A+ (according to ISO 16000-9)

LEED V4 CREDITS

EA : Optimise Energy Performance
EQ : Low-Emitting Materials
EQ : Indoor Air Quality Assessment
EQ : Acoustic Performance

CERTIFICATIONS

FSC
PEFC
Cradle to Cradle (C2C) Silver

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood species and finishes. Coloured stains can be added to match custom colours. See website for the most up to date information. The wood images are for illustration purposes only.

WOOD SPECIES



Accoya



American White Oak



Siberian Larch



African Ayous



Yellow Poplar



American Ash



European Oak



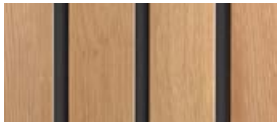
American Red Oak



European Pine



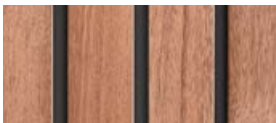
Cherry



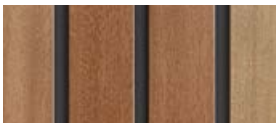
Oregon Pine



Cambara



Merbau



Mahogany



Western Red Cedar



American Walnut

BAMBOO



Bamboo SP Natural



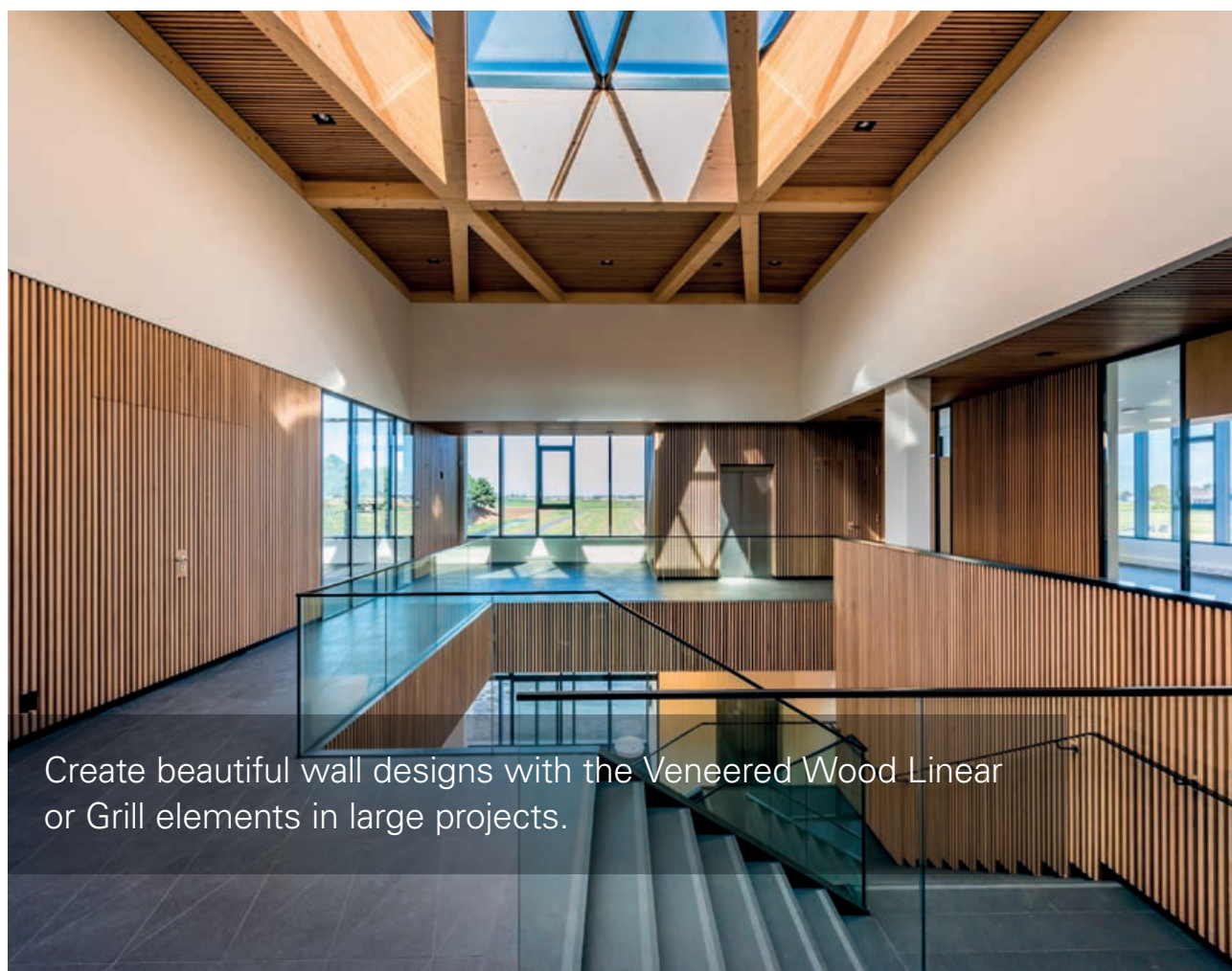
Bamboo SP Caramel



Bamboo DT Caramel



Project: NAC, Houthalen-Helchteren, Belgium - Product: Solid Wood Grill, FSC American Red Oak - Architect: Holistic Architecture 5015



Create beautiful wall designs with the Veneered Wood Linear or Grill elements in large projects.

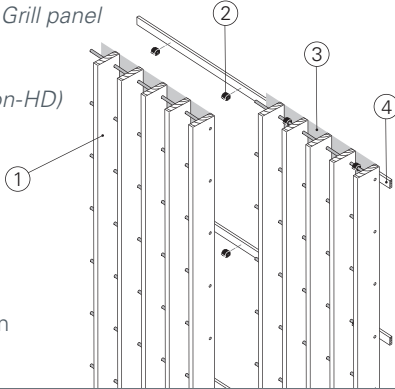
Project: De Keukenhof, Lisse, The Netherlands - Product: Veneered Wood Grill, European Oak - Architect: Mecanoo Architects

KEY FEATURES

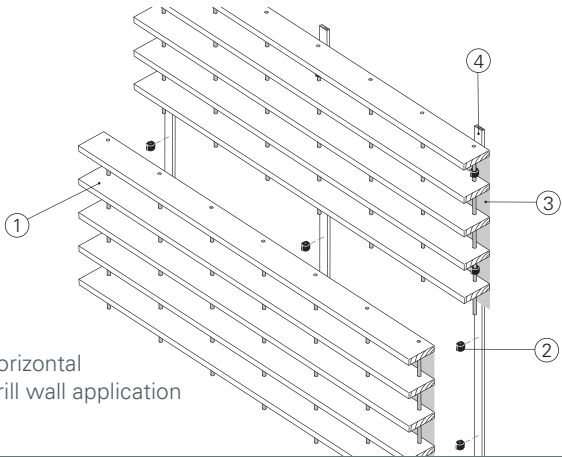
- Interior applications
- Various Grill dimensions:
Width: 17 - 20 - 26 - 31 mm
Lengths up to 2700 mm
Height: 65 - 150 mm
Joint width: 50 - 150 mm
- Various Linear dimensions:
Width: 65 - 90 - 120 - 150 - 200 - 230 mm
Lengths up to 2700 mm
Thickness: 17 or 20 mm
Joint width: 5 - 10 - 15 - 20 - 30 mm
- Available as pre-assembled elements or individual Linear panels
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Optionally supplied with acoustic tissue
- Clear and coloured stains available
- Curved and undulating shapes possible
- Demountable solutions available
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Veneered Wood Grill panel
- 2 = Wall clip
- 3 = Acoustic tissue
- 4 = Substructure (Non-HD)

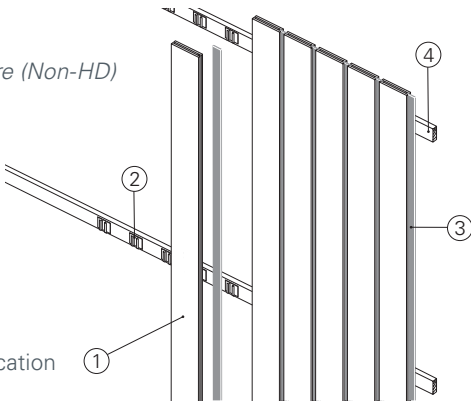


Vertical
Grill wall application

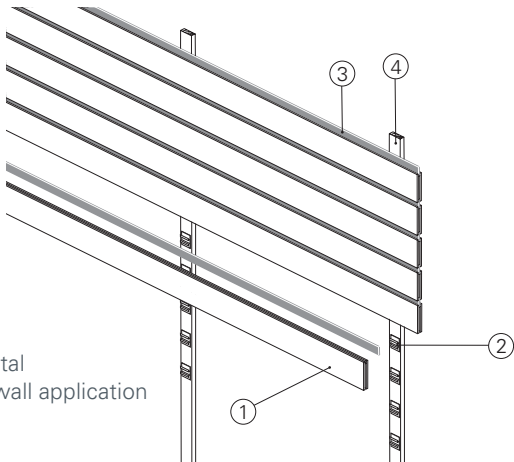


Horizontal
Grill wall application

- 1 = Veneered Wood Linear panel
- 2 = Wall clip
- 3 = Joint filling
- 4 = Substructure (Non-HD)

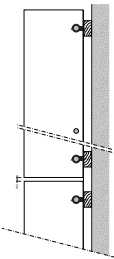


Vertical
Linear wall application

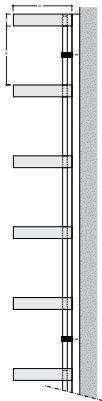


Horizontal
Linear wall application

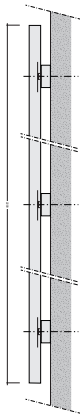
TYPICAL SECTIONS



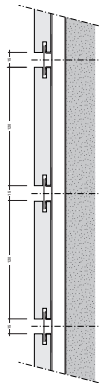
Vertical
Grill wall application



Horizontal
Grill wall application



Vertical
Linear wall application



Horizontal
Linear wall application

PHYSICAL DATA

Acoustic rating: α_w 0.50
Weight: 10.0 - 15.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- FSC
- PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of wood species and finishes. Coloured stains can be applied to match custom colours or existing building elements. See our website for the most up to date information. The images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



American Maple American Red Oak American Walnut American/ European Oak European Ash European Birch Pine Steamed Beech

ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



Ash BF 001 Ash BF 002 Ash BF 049 Ash BF050 Birch BG 046 Birds Eye Maple E 069 Bolivar EB 064 Walnut EA193

ENGINEERED VENEERS

Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



Oak Wenge Birch Rosewood Teak Walnut Cherry Zingana

SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

Engineered special veneers

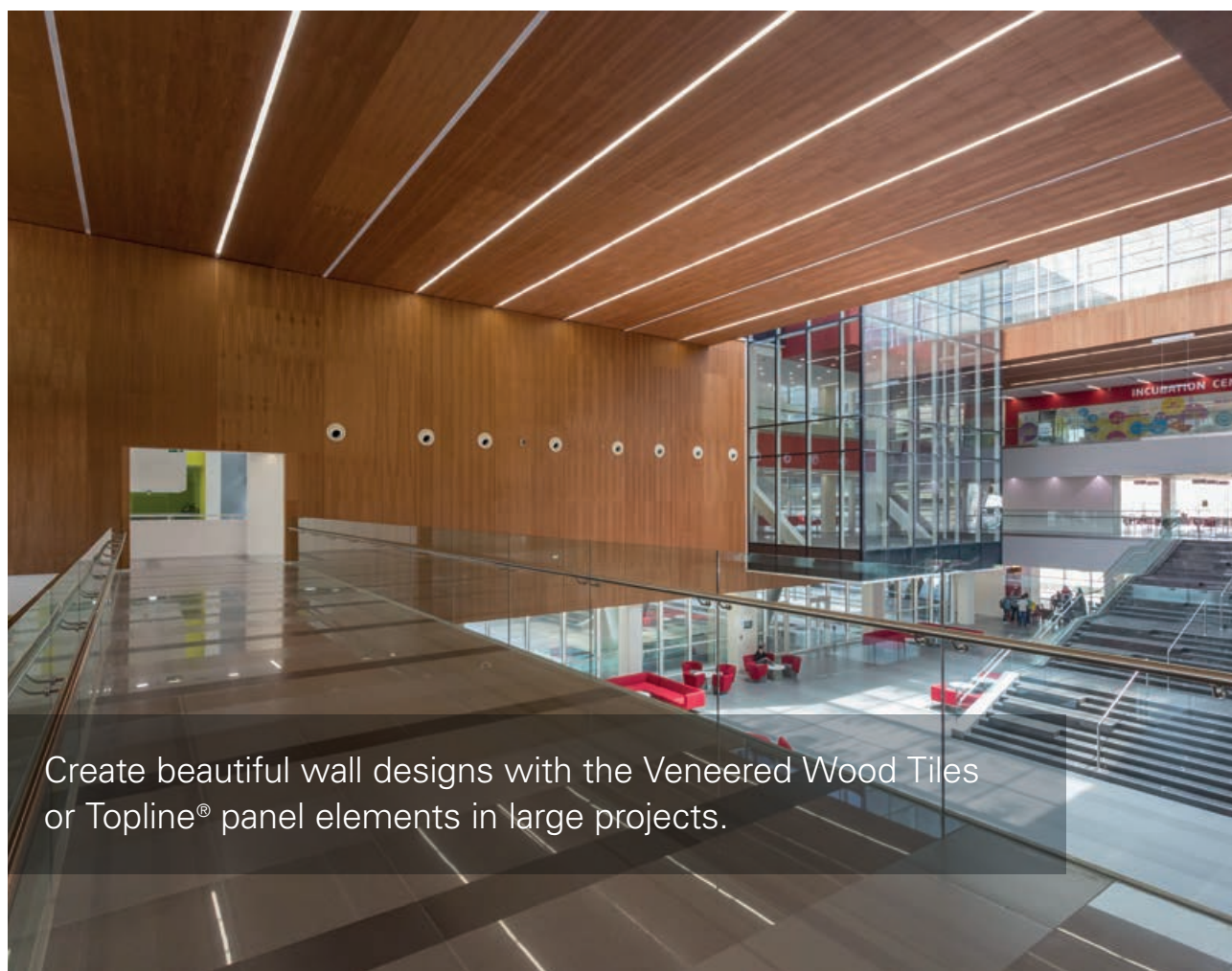


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Smart Campus, Heerlen, The Netherlands - Veneered Wood Ceiling and Wall System, Bamboo Caramel - Architect: Van Eijk en van der Lubbe



Create beautiful wall designs with the Veneered Wood Tiles or Topline® panel elements in large projects.

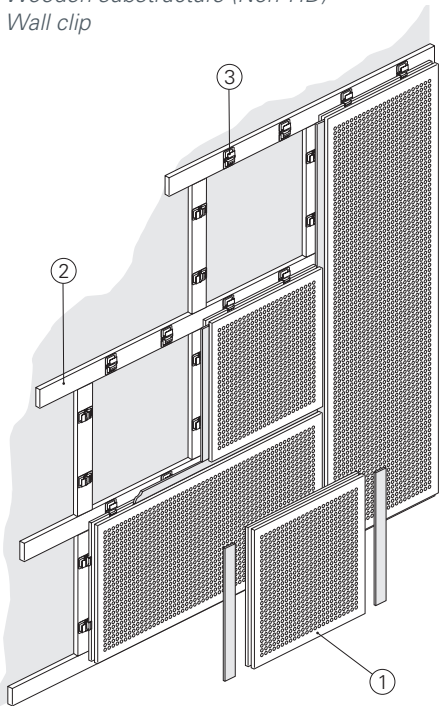
Project: Amity University Dubai, UAE - Product: Veneered Wood Ceiling and Wall Topline®, American Cherry, Nano perforation - Architect: cannondesign

KEY FEATURES

- Interior applications
- Tile sizes: 300/600/900/1200 x max. 1200 mm, other sizes available upon request
- Topline® panel sizes: 128/262 x 2050/2780 mm
- Available as pre-assembled elements or individual Linear panels
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Optionally supplied with acoustic tissue
- Clear and coloured stains available
- Curved and undulating shapes possible
- Demountable solutions available
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

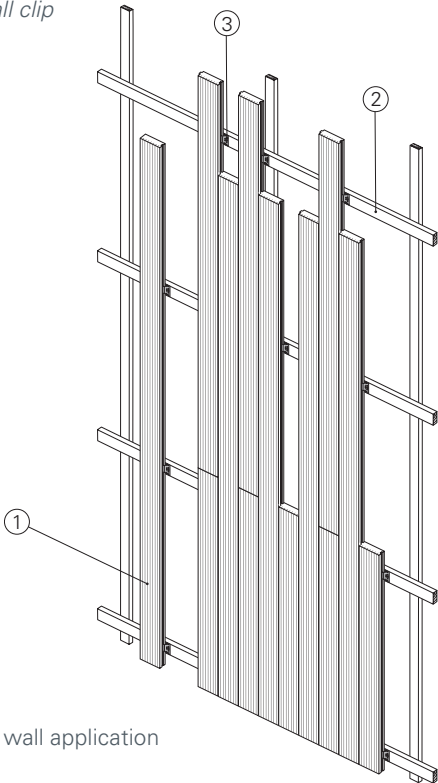
TYPICAL ISOMETRICS

- 1 = Veneered Wood Tile
 2 = Wooden substructure (Non-HD)
 3 = Wall clip



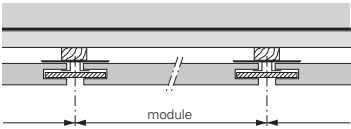
Tiles wall application

- 1 = Topline® Panel
 2 = Wooden substructure (Non-HD)
 3 = Wall clip

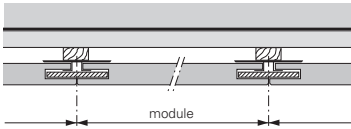


Topline® wall application

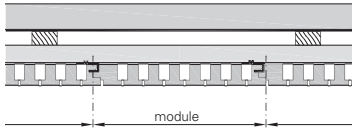
TYPICAL SECTIONS



Standard Tiles / Linear



Trend Tiles



Topline®

PHYSICAL DATA

depending on wood specie and treatment
 Acoustic rating: up to α_w 0.50
 Weight: 11.0 - 13.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
 EQ : Low-Emitting Materials
 EQ : Indoor Air Quality Management
 EQ : Acoustic Performance

CERTIFICATIONS

- FSC
 PEFC

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of wood species and finishes. Coloured stains can be applied to match custom colours or existing building elements. See our website for the most up to date information. The images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



American Maple American Red Oak American Walnut American/ European Oak European Ash European Birch Pine Steamed Beech

ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



Ash BF 001 Ash BF 002 Ash BF 049 Ash BF050 Birch BG 046 Birds Eye Maple E 069 Bolivar EB 064 Walnut EA193

ENGINEERED VENEERS

Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



Oak Wenge Birch Rosewood Teak Walnut Cherry Zingana

SPECIALS

A high variety of special veneers and top layers are available.

Banana trunk veneers



Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

Engineered special veneers



Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Arcus College Heerlen, The Netherlands - Product: Topline® TTA 28/4 RAL wit - Architect: IAA Architecten



Project: Amity University Dubai, UAE - Product: Veneered Wood Ceiling and Wall Topline®, American Cherry, Nano perforation - Architect: cannondesign





Project: Freizeitbad Calivornia, Leverkusen, Germany
Architect: Foest Architektur, Leverkusen
Product: Solid Wood Grill

SPORTS CEILINGS

Our ceiling systems for sports halls combines quality with a specific appearance. The ceilings can withstand direct impact from balls used for indoor sports.





Project: O.L.V. van Lourdescollege, Edegem, België
Architect: René Van Steenberghe
Product: Sports Ceiling



Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands
Architect: FACT Architects
Product: Sports Ceiling



Project: Mahler 4, Amsterdam, the Netherlands
Architect: De Architecten Cie.
Product: Sports Ceiling

SPORTS CEILINGS

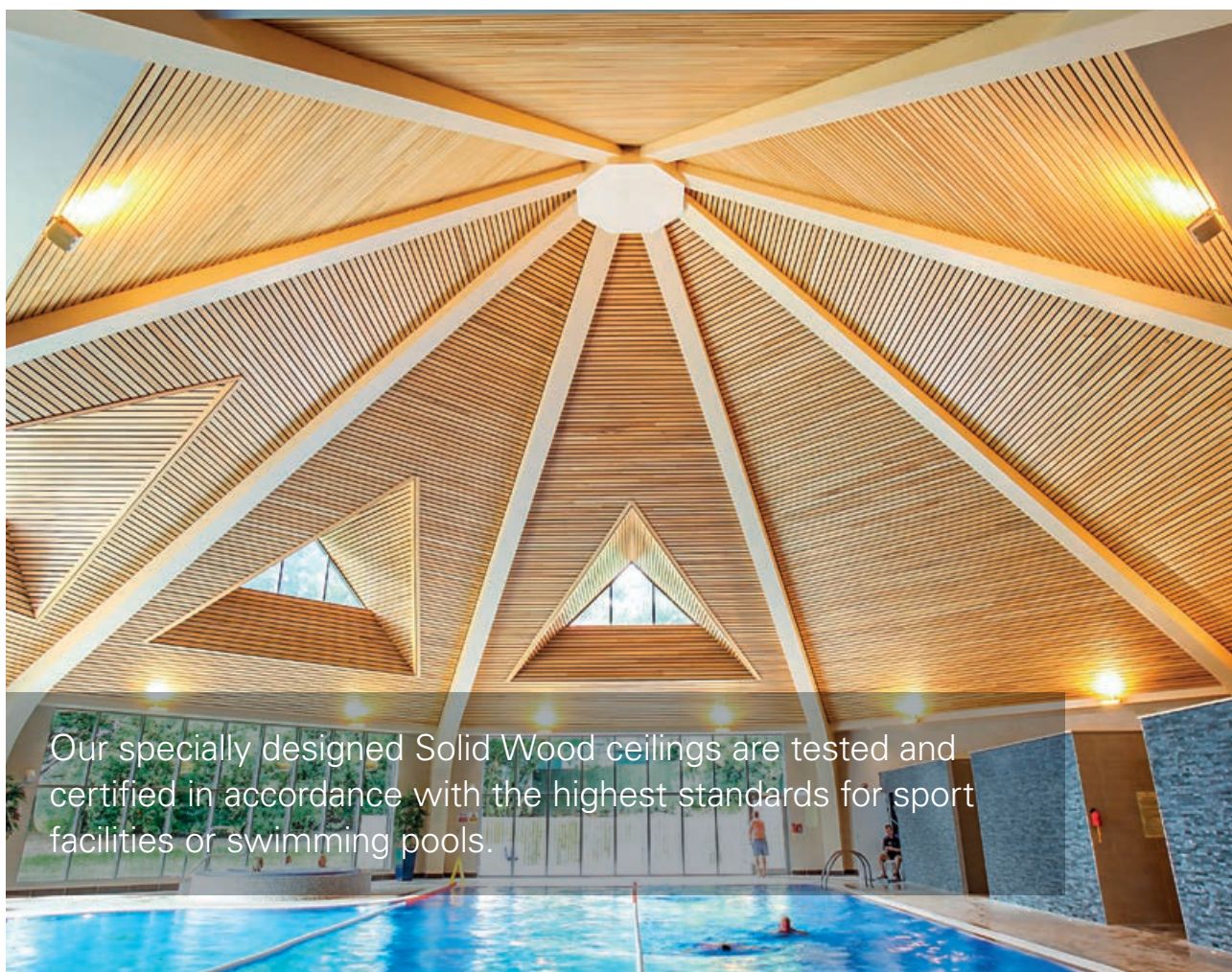
SOLID WOOD LINEAR 320

VENEERED WOOD LINEAR 324

70U 328

BETA SAFETY-LOOP 332

GAMMA 336



Our specially designed Solid Wood ceilings are tested and certified in accordance with the highest standards for sport facilities or swimming pools.

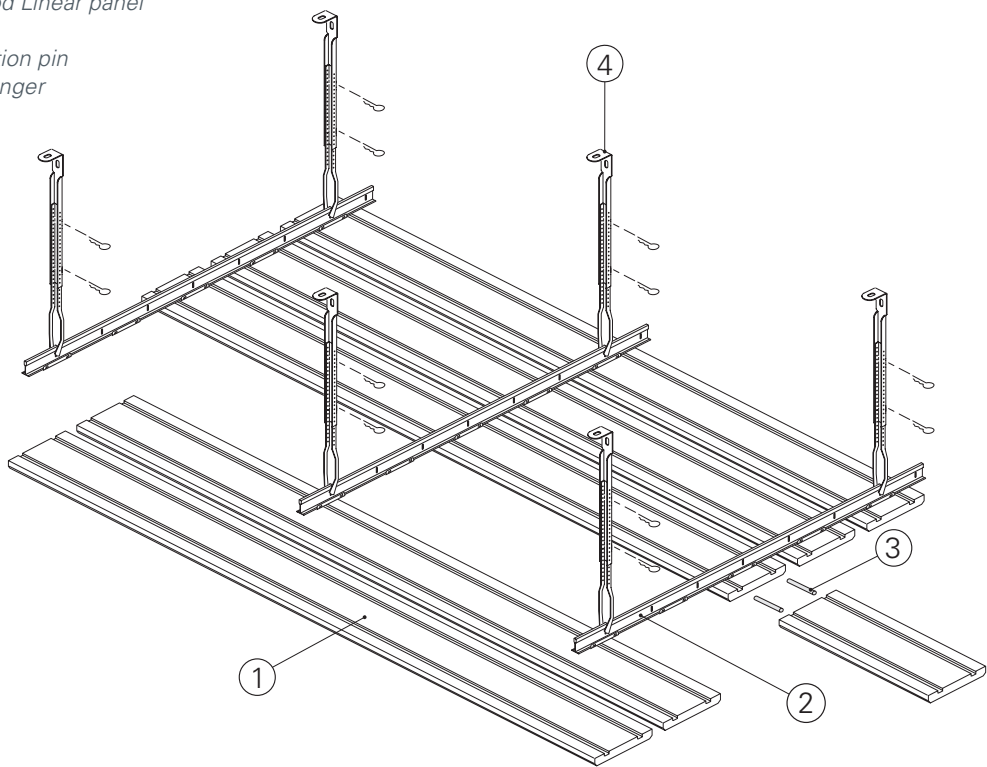
Project: Kenwick Park Hotel, Louth, Lincolnshire, United Kingdom - Product: Solid Wood Linear - Architect: Franklin Ellis Architects

KEY FEATURES

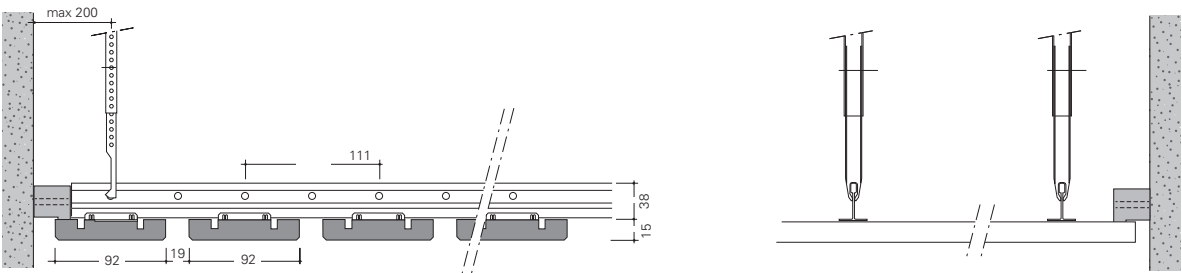
- Sport hall applications, certified according to DIN 18032 Part 3 and EN 13964 Annex D
- Panel width: 116 mm
- Lengths up to 2500 mm
- Panel thickness: 15 mm
- Joint width: 19 mm
- Variety of 20+ wood species, FSC or PEFC certified
- Clear and coloured stains available
- Reinforced suspension system
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Solid Wood Linear panel
- 2 = Carrier
- 3 = Panel fixation pin
- 4 = Nonius hanger



TYPICAL SECTIONS



PHYSICAL DATA

Fire rating: B,s2,d0 (according to 13501-1), depending on wood specie and treatment
Acoustic ratings: α_w 0.30 - 0.50 (according to ISO 11654). See page 353
Weight: 5.0 - 8.0 kg per m²
VOC Emission: Class A+ (according to ISO 16000-9)

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- Cradle to Cradle (C2C) Silver
- FSC
- PEFC
- Ball impact resistance Class 1A

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours, wood species and finishes. Coloured stains can be added to match custom colours. See website for the most up to date information. The wood images are for illustration purposes only.

WOOD SPECIES



Accoya



American White Oak



Siberian Larch



African Ayous



Yellow Poplar



American Ash



European Oak



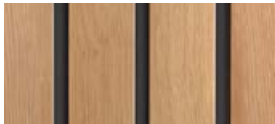
American Red Oak



European Pine



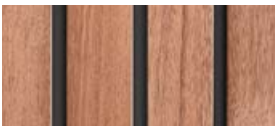
Cherry



Oregon Pine



Cambara



Merbau



Mahogany



Western Red Cedar



American Walnut

BAMBOO



Bamboo SP Natural



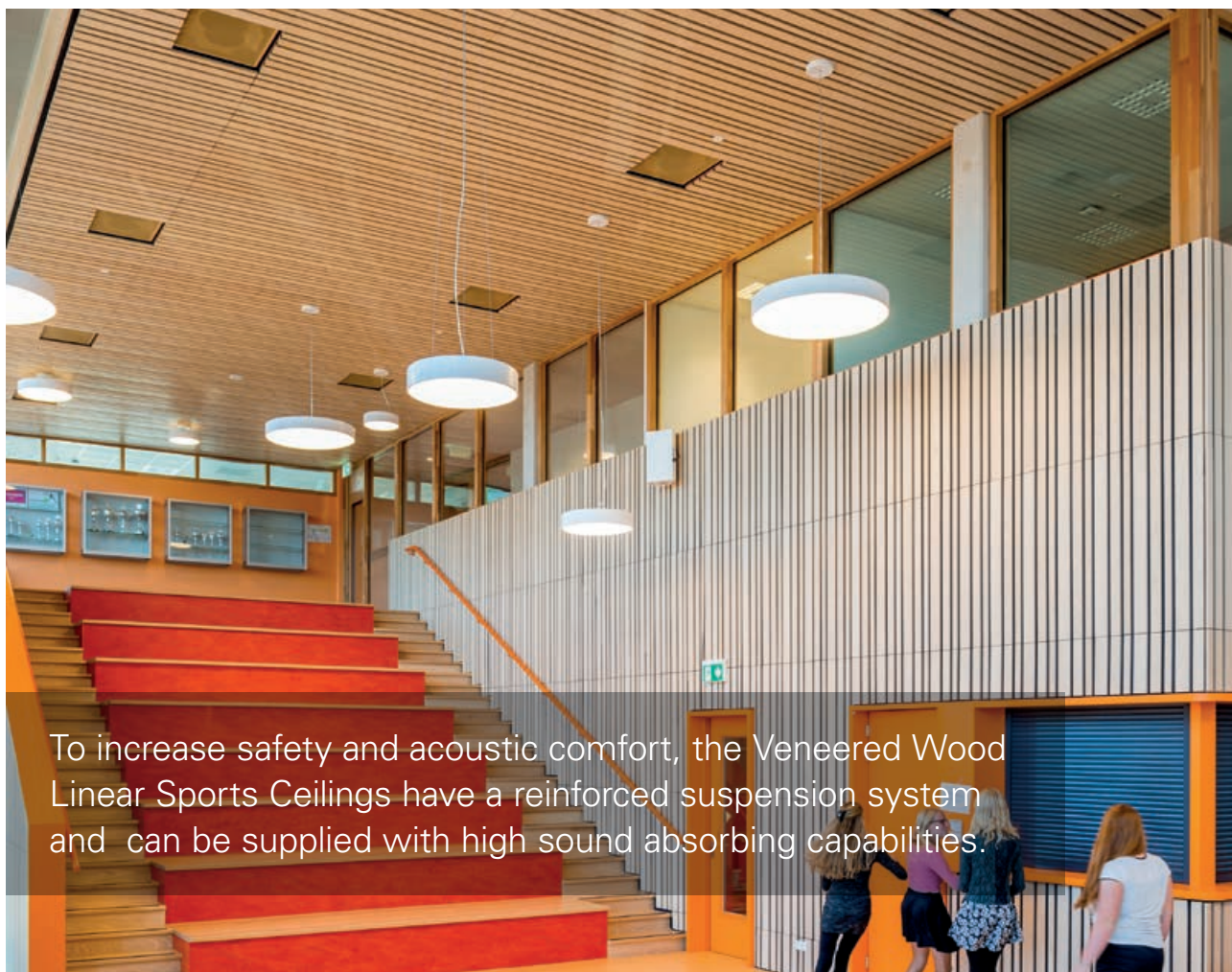
Bamboo SP Caramel



Bamboo DT Caramel



Project: Atlas Theater, Emmen, The Netherlands - Product: Solid Wood Linear, Pine - Architect: Van den Berg Groep, LKSVD, Claessens Erdmann Architects & Designers



To increase safety and acoustic comfort, the Veneered Wood Linear Sports Ceilings have a reinforced suspension system and can be supplied with high sound absorbing capabilities.

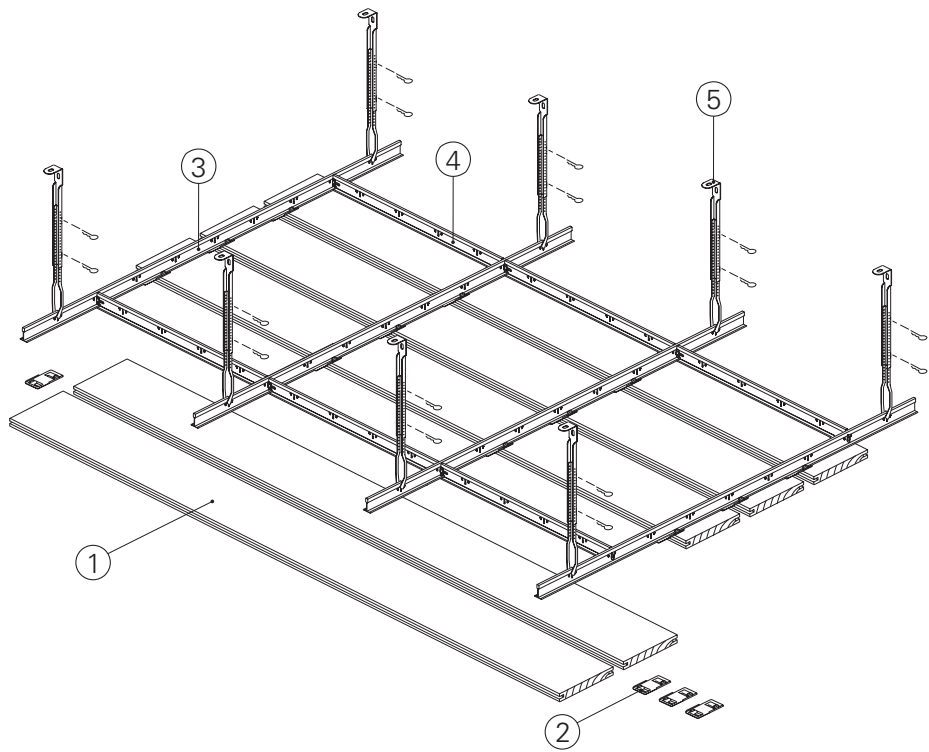
Project: Driestar, Leiden, The Netherlands - Veneered Wood Linear Cassettes, Ash veneer - Architect: Roosros Architecten

KEY FEATURES

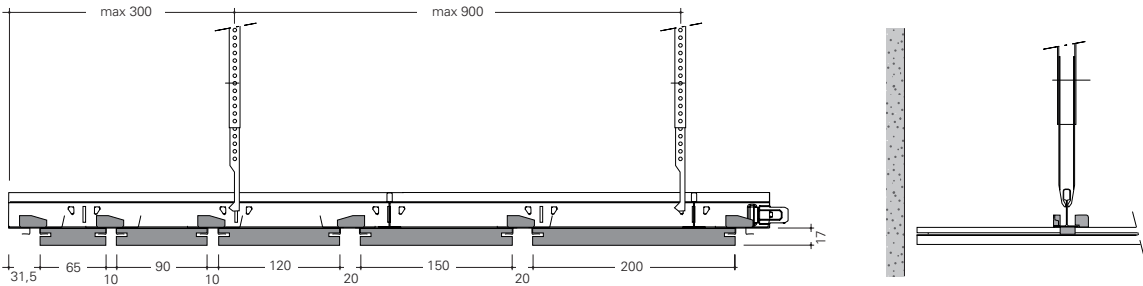
- Sport hall applications, certified according to DIN 18032 Part 3 and EN 13964 Annex D
- MDF core with a wooden top layer
- Panel width: 90 mm
- Lengths up to 2700 mm
- Panel thickness: 17 mm
- Joint width: 20 mm
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Optionally perforated for increase acoustic performance
- Demountable solution for sport halls available
- Reinforced suspension system
- Clear and colours stains available
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Veneered Wood Linear panel
- 2 = Metal clip
- 3 = Main runner
- 4 = Quicklock
- 5 = Nonius hanger



TYPICAL SECTIONS



PHYSICAL DATA

Acoustic rating: α_w 0.50
Weight: 10.0 - 15.0 kg/m²

LEED V4 CREDITS

- EA : Optimise Energy Performance
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Management
- EQ : Acoustic Performance

CERTIFICATIONS

- FSC
- PEFC
- Ball impact resistance Class 1A

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of wood species and finishes. Coloured stains can be applied to match custom colours or existing building elements. See our website for the most up to date information. The images are for illustration purposes only.

ORGANIC VENEERS

Organic veneer is a natural material sliced from tree logs without alterations or enhancements. This veneer types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



American
Maple



American
Red Oak



American
Walnut



American/
European
Oak



European
Ash



European
Birch



Pine



Steamed
Beech

ORGANIC DYED VENEERS

Organic dyed veneer is a completely natural veneer, dyed to create a unique, uniform colour.



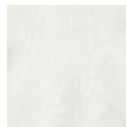
Ash
BF 001



Ash
BF 002



Ash
BF 049



Ash
BF050



Birch
BG 046



Birds Eye
Maple E 069



Bolivar
EB 064



Walnut
EA193

ENGINEERED VENEERS

Engineered veneer is a natural material, processed to create a specific predesigned appearance. The veneer patterns create a more consistent and uniform appearance.



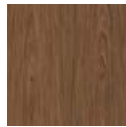
Oak



Wenge



Birch



Rosewood



Teak



Walnut



Cherry

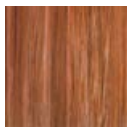


Zingana

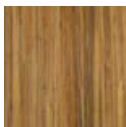
SPECIALS

A high variety of special veneers and top layers are available.

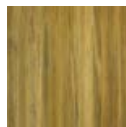
Banana trunk veneers



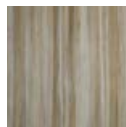
Grenada



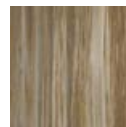
Porto Rico



Martinique



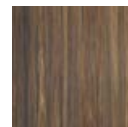
St Barth



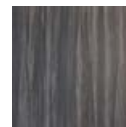
Aruba



Barbados

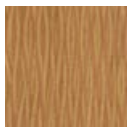


Anguilla



Dominica

Engineered special veneers



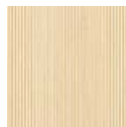
Arrow



Brown Devil



Deco M02



Deco M06



Burl



Cherry EVH



Vega

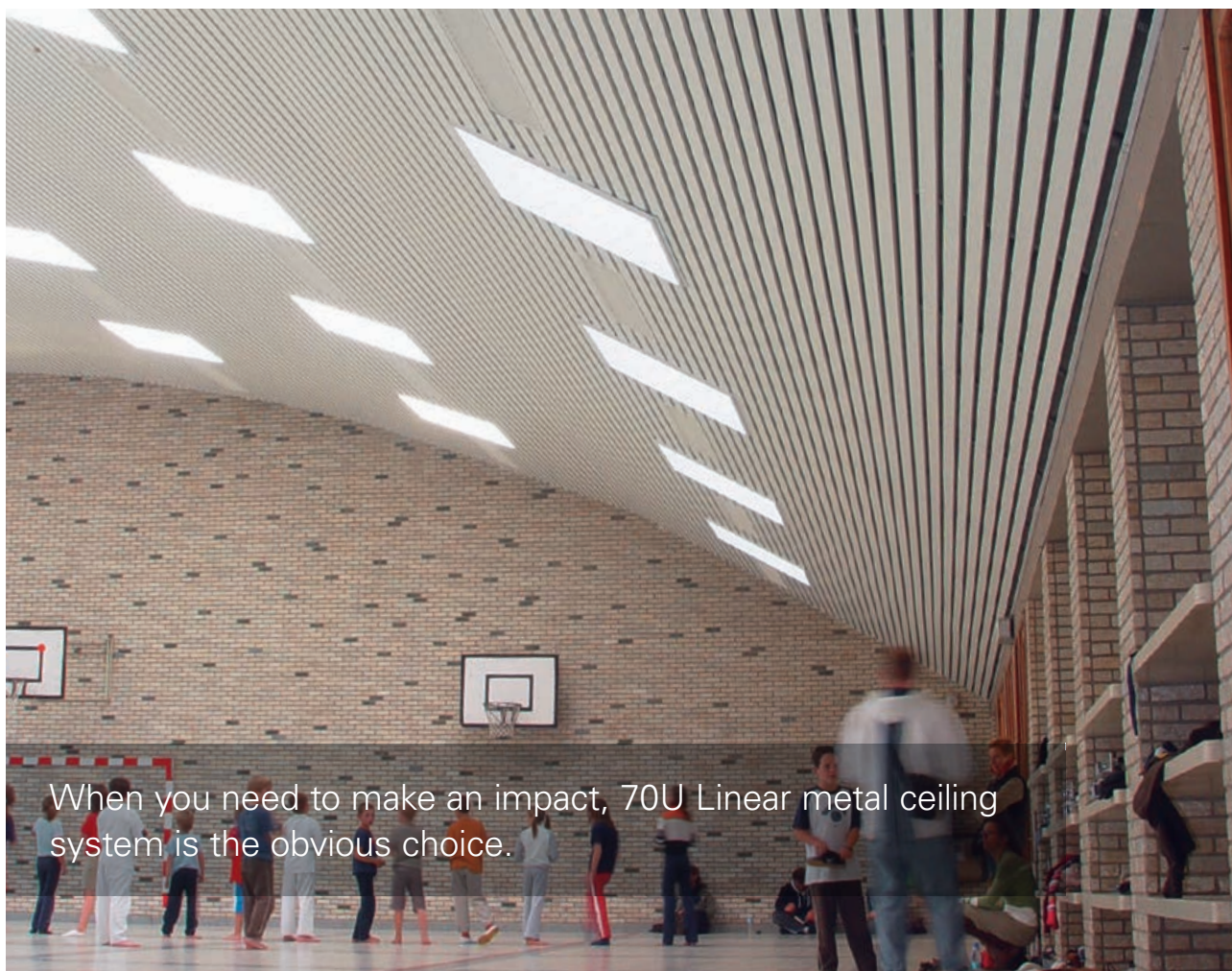


Mark

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.



Project: Zinn, Groningen, The Netherlands - Product: Linear cassette - Ash, clear lacquer - Architect: Team 4 architecten



When you need to make an impact, 70U Linear metal ceiling system is the obvious choice.

Project: O.L.V. van Lourdescollege, Edegem, België - Product: 70U Sports Ceiling - Architect: René Van Steenberghe

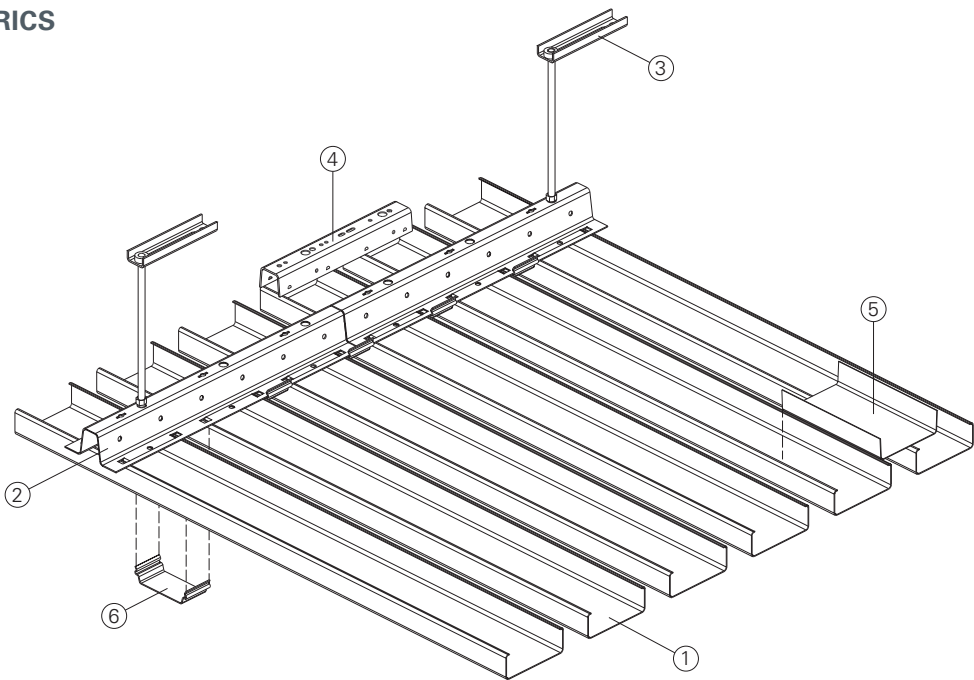
KEY FEATURES

- Panel widths: 70 mm, joint width 30 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 25 mm
- Square edge design
- Tested on ball impact resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

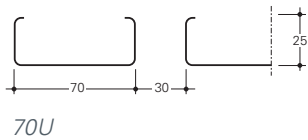


TYPICAL ISOMETRICS

- 1 = 70U panel
- 2 = Carrier
- 3 = Hanger
- 4 = Carrier splice
- 5 = Panel splice
- 6 = Fixing clip



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 350 to see all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



Plain

PHYSICAL DATA

- Substrate: Steel or Aluminium
- Fire rating: Class A2,s1,d0 according EN 13501-1
- Weight: Varies ca 2.9 kg/m² - 8.3 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0401: LR = 0.81

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight

CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- Ball impact resistance Class 1A
- French VOC Regulation Class A+
- Cradle to Cradle™ Level Bronze
- EPD: Available upon request

COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

PROTECTED BY LUXACOTE®

Luxacote® is a unique treatment for Luxalon® Exterior Ceilings.

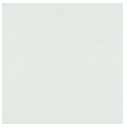
Unprecedented Protection



Proprietary Hunter Douglas’ Luxacote® makes exterior ceilings extremely durable, providing colour and gloss stability, high scratch resistance, and resistance to corrosion. With Luxacote®, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

Luxacote® protects the aluminium surface from corrosion and permanently anchors the paint to the metal surface. It contains highly colour-stable pigments for optimal colour-fastness and a highly scratch- and wear-resistant surface.

STANDARD PAINT COLOURS



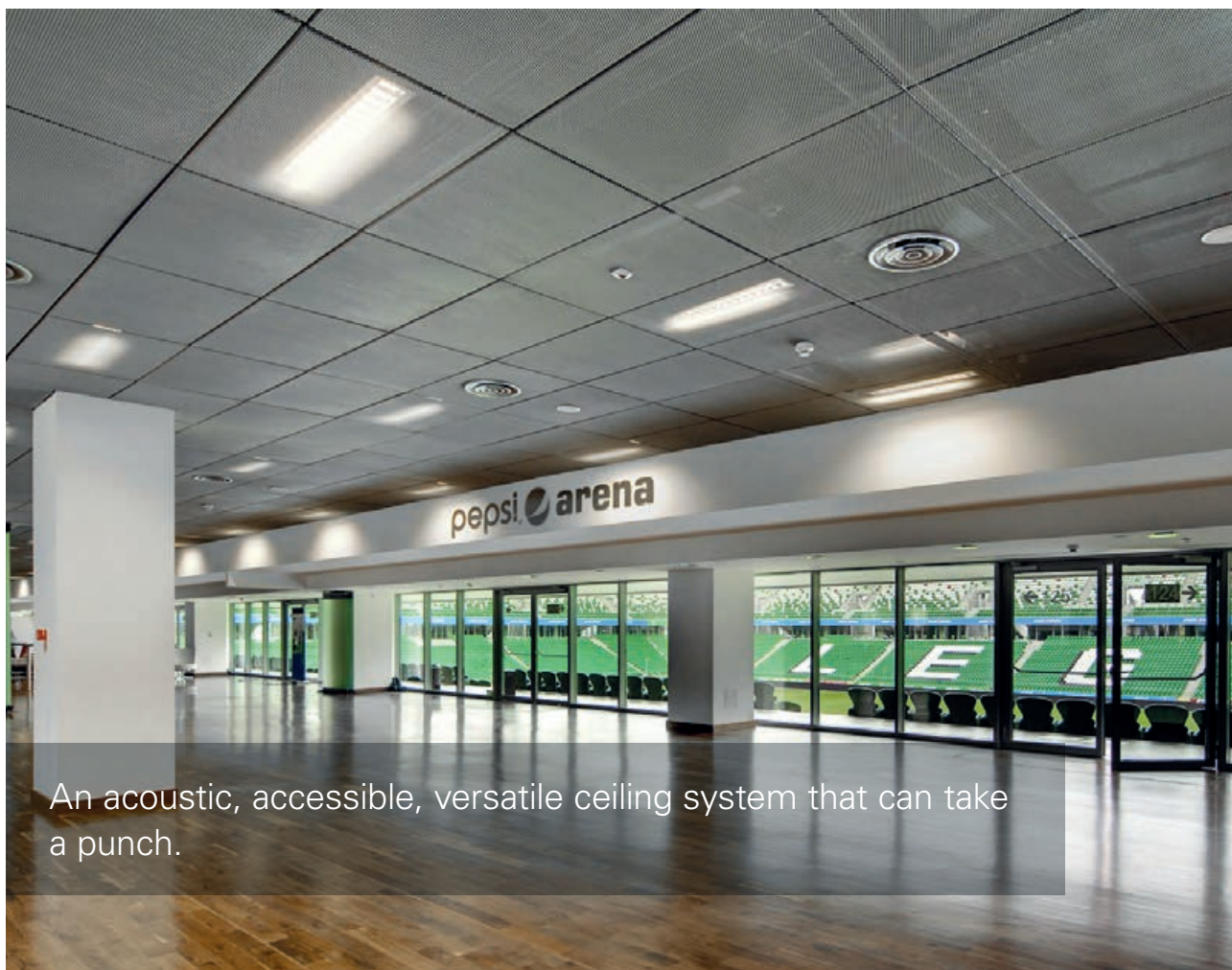
0401

CUSTOM COLOURS





Project: O.L.V. van Lourdescollege, Edegem, België - Product: 70U Sports Ceiling - Architect: René Van Steenberghe



An acoustic, accessible, versatile ceiling system that can take a punch.

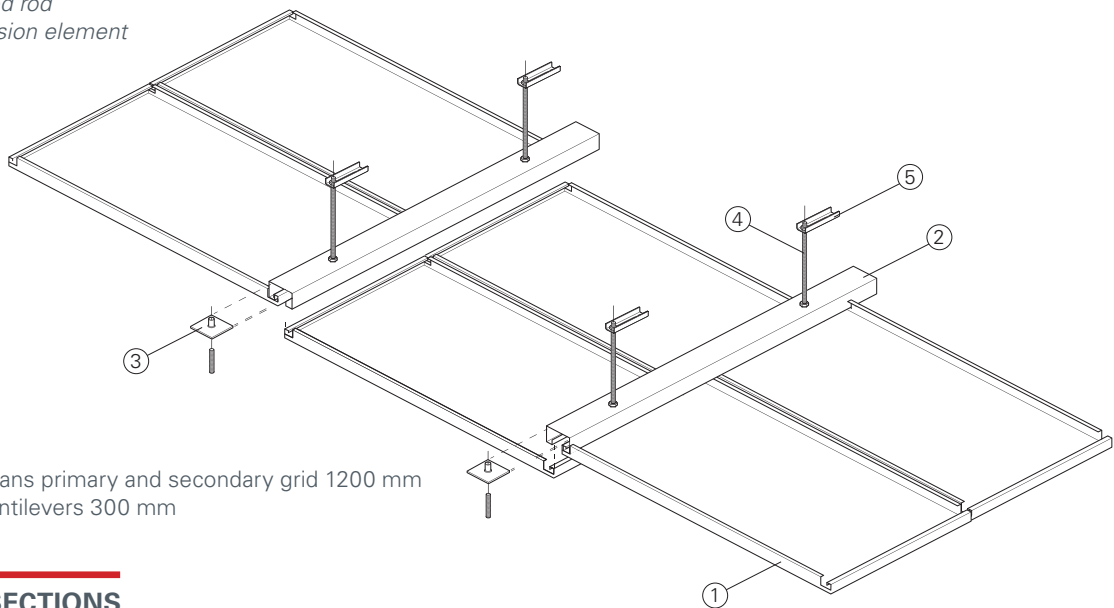
Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Beta (Safety-Loop) - Architect: JSK

KEY FEATURES

- Panel sizes 900 x 1940 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- Tested on ball impact resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

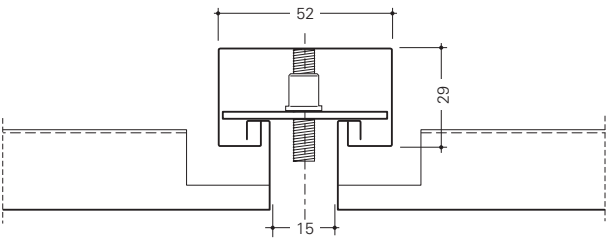
TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Safety-Loop profile
- 3 = Locking plate with screw
- 4 = Threaded rod
- 5 = Suspension element



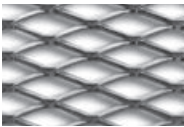
Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



MESH PATTERN

Scale 1:4



Moscow
Open area 55%,
Thickness 1.5 mm
Dimensions:
28 x 10 - 2 x 1.5
Weight
Alu 1.7/2.4 kg/m²
FE 4.2/6.4 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies ca 4,9 kg/m² - 7,8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00. See page 353

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

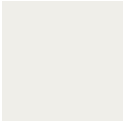
CERTIFICATIONS

TAIM QS
Ball impact resistance Class 1A
French VOC Regulation: Class A

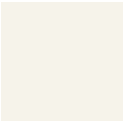
COLOURS AND FINISHES

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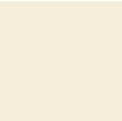
STANDARD PAINT COLOURS



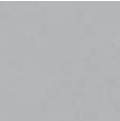
0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



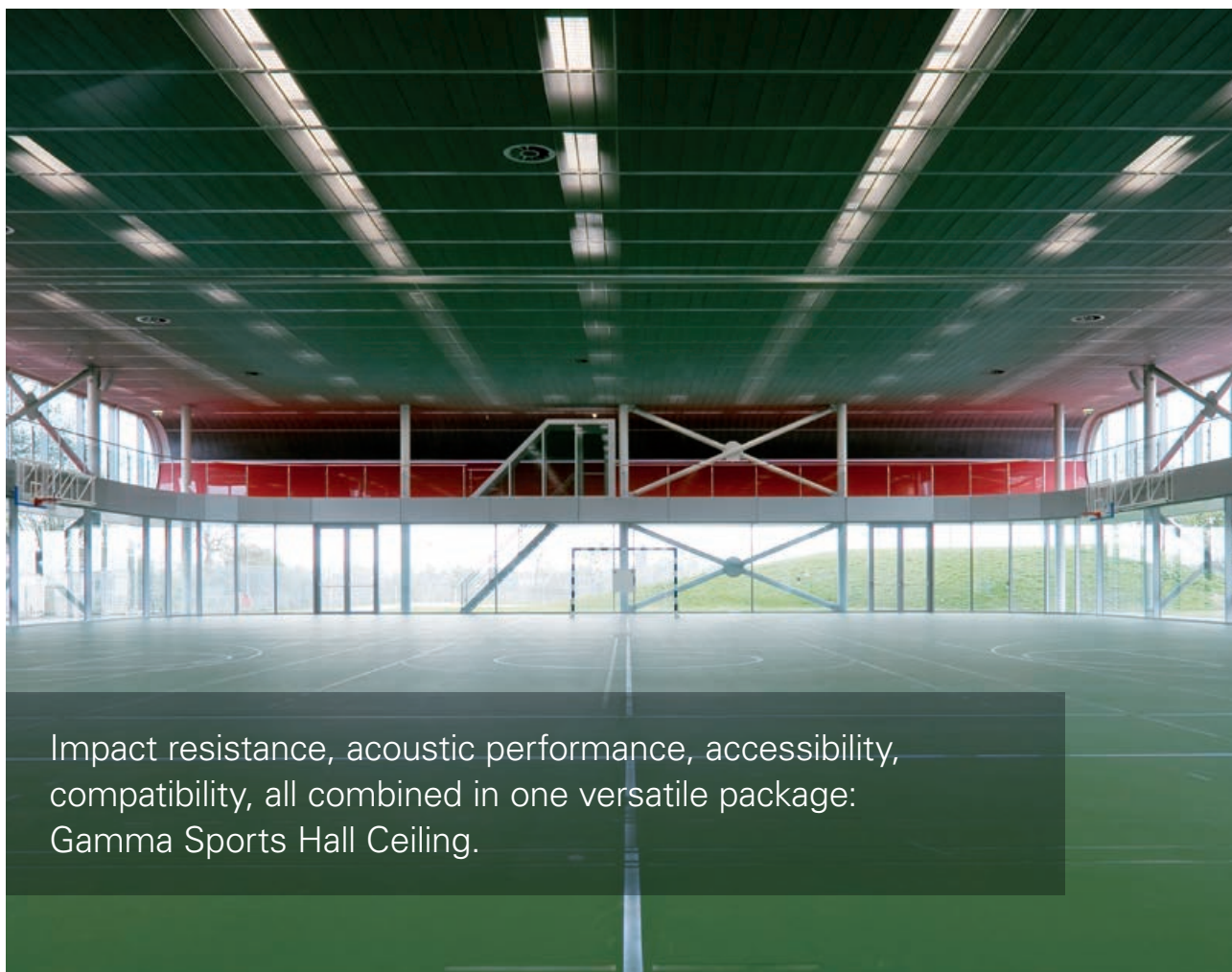
7163
RAL 9006

CUSTOM COLOURS





Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Beta (Safety-Loop) - Architect: JSK



Impact resistance, acoustic performance, accessibility, compatibility, all combined in one versatile package: Gamma Sports Hall Ceiling.

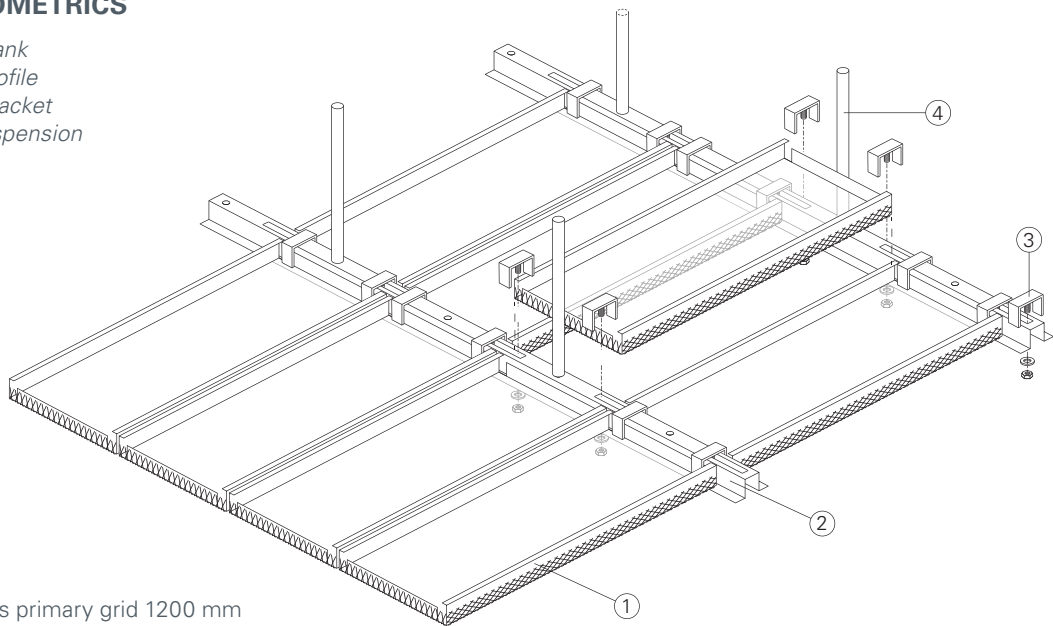
Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Gamma (Sports Hall) - Architect: FACT Architects

KEY FEATURES

- Panel sizes 300 x 1800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- Tested on ball impact resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

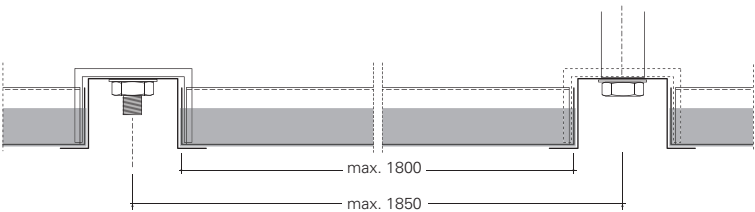
TYPICAL ISOMETRICS

- 1 = Lay-On Plank
- 2 = Omega profile
- 3 = Locking bracket
- 4 = Profix™ suspension



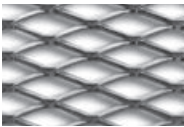
Maximum spans primary grid 1200 mm
Maximum cantilevers 300 mm

TYPICAL SECTIONS



MESH PATTERN

Scale 1:4



Moscow
Open area 55%,
Thickness 1.5 mm
Dimensions:
28 x 10 - 2 x 1.5
Weight
Alu 1.7/2.4 kg/m²
FE 4.2/6.4 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Weight: Varies ca 4.9 kg/m² - 7.8 kg/m²
Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-1.00. See page 353

BIM
REVIT files available, see website for details.

LEED V4 CREDITS

- EA : Optimise Energy Performance
- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Daylight
- EQ : Acoustic Performance

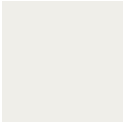
CERTIFICATIONS

TAIM QS
Ball impact resistance Class 1A
French VOC Regulation: Class A

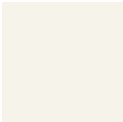
COLOURS AND FINISHES

Hunter Douglas offers a wide choice of colours and finishes. Custom colour matching is available upon request. Please contact your local Hunter Douglas sales office for minimum quantities and lead times. See website for the most up to date information. Colours are for illustration purposes only.

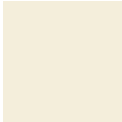
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Gamma (Sports Hall) - Architect: FACT Architects



Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Gamma (Sports Hall) - Architect: FACT Architects





Project: Sports Stadium Suites, Santa Clara, CA
Product: Sedes™ - Straight
Photo credit: Bob Perzel

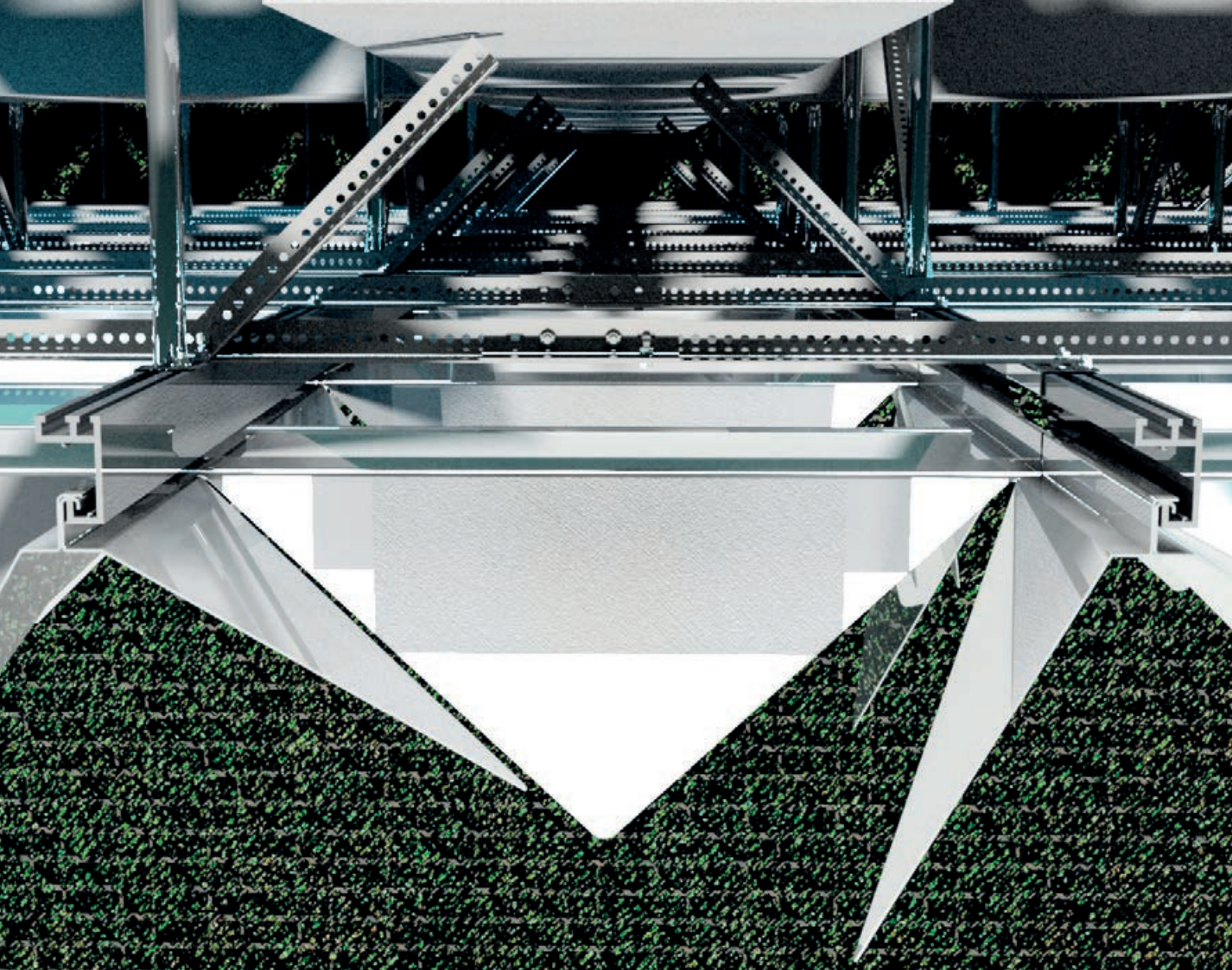




Project: North Carolina State - Reynolds Coliseum, Raleigh, NC
Product: Custom Wall
Photo credit: Bob Perzel



Project: Train Station Delft, The Netherlands
Architect: Benthem Crouwel Architecten
Product: Custom baffle ceiling



RESOURCES

BIM 348

PERFORATION PATTERNS 350

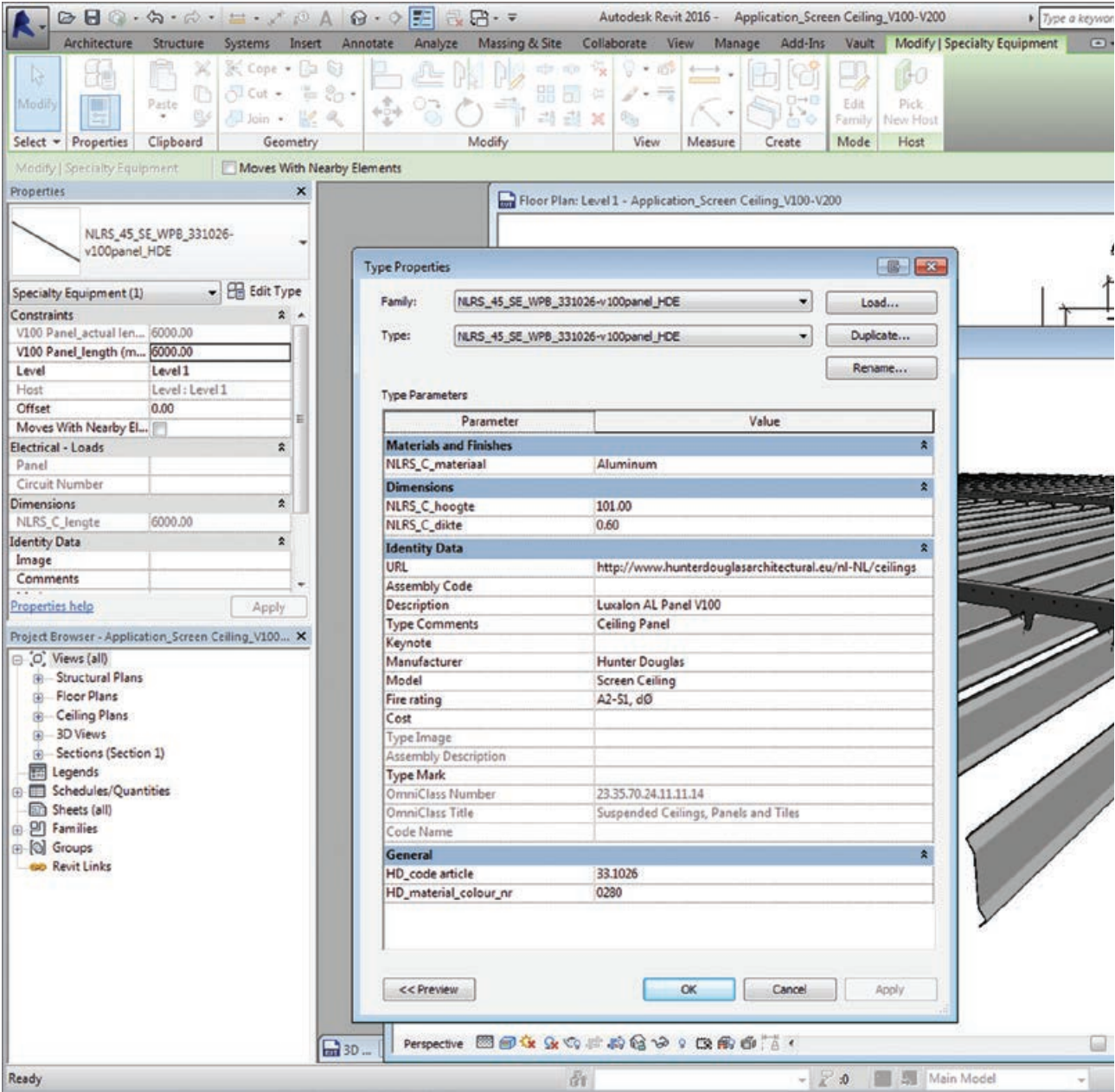
ACOUSTIC TEST RESULTS 352

SUSTAINABILITY 354

BIM CAPABLE

Collaboration starts with Hunter Douglas.

Hunter Douglas Ceilings offer a comprehensive REVIT file library for BIM requirements, with resources that support the entire project, from design development, to working drawings, to preconstruction and construction, all the way through to ongoing operations and maintenance.

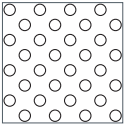




Perforation patterns improve acoustical performance as well as create aesthetic effects. Non-perforated option available for all products.Contact Hunter Douglas Ceilings for wood finish perforation options. Scale 1:1 shown, unless otherwise noted.

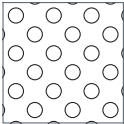
METAL CEILINGS

Planks



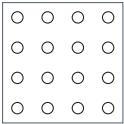
D1522
Ø 1.5 mm
⌈ 4 ⇄ 4
Openness 22%

(Scale 1:10)

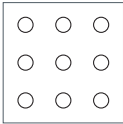


D2022
Ø 2 mm
⌈ 5 ⇄ 5
Openness 22%

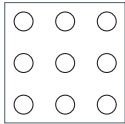
(Scale 1:10)



R1511
Ø 1.5 mm
⌈ 4 ⇄ 4
Openness 11%

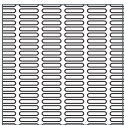


R2011
Ø 2 mm
⌈ 5 ⇄ 5
Openness 11%

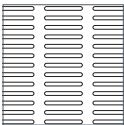


R2516
Ø 2.5 mm
⌈ 5.5 ⇄ 5.5
Openness 16%

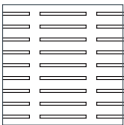
(Scale 1:2)



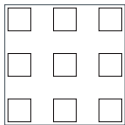
A5x25R
WxH 25 x 5 mm
⌈ 8 ⇄ 30
Openness 50%



A5x50R
WxH 50 x 5 mm
⌈ 12.5 ⇄ 64
Openness 30.6%

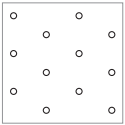


F4x61R
WxH 61 x 4 mm
⌈ 17 ⇄ 75
Openness 19%

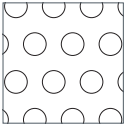


Q6025
□ 6 mm
⌈ 12 ⇄ 12
Openness 25%

XL Acoustic

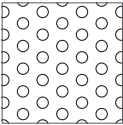


Front side
D0804
Ø 0.8 mm
⌈ 5 ⇄ 8.66
Openness 3.6%

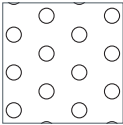


Reverse side
D3033
Ø 3 mm
⌈ 5 ⇄ 5
Openness 32,6%

Wide Panel

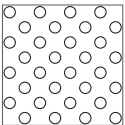


D1523
Ø 1.5 mm
⌈ 3 ⇄ 5.2
Openness 23%

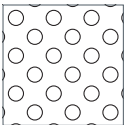


D2016
Ø 2 mm
⌈ 5 ⇄ 8.66
Openness 16%

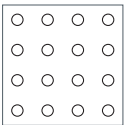
Tiles and TAVOLA™



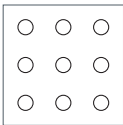
D1522
Ø 1.5 mm
⌈ 4 ⇄ 4
Openness 22%



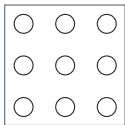
D2022
Ø 2 mm
⌈ 5 ⇄ 5
Openness 22%



R1511
Ø 1.5 mm
⌈ 4 ⇄ 4
Openness 11%

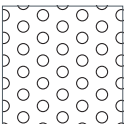


R2011
Ø 2 mm
⌈ 5 ⇄ 5
Openness 11%



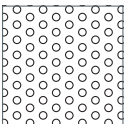
R2516
Ø 2.5 mm
⌈ 5.5 ⇄ 5.5
Openness 16%

Linear

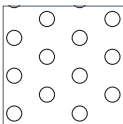


D1523
Ø 1.5 mm
⌈ 3 ⇄ 5.2
Openness 23%

On request

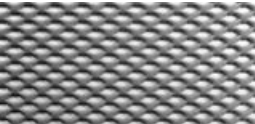


D1023
Ø 1 mm
⌈ 2 ⇄ 3.46
Openness 23%




D2016
Ø 2 mm
⌈ 5 ⇄ 8.66
Openness 16%


Stretch Metal




LD6 (Fe) (Scale 1:4)
Open area 40%
Thickness 1.7 mm
Dimensions:
6 x 3.5 - 1.1 x 0.8
Weight 1.6 kg/m²



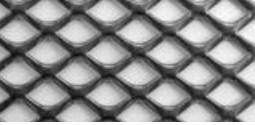
LS6 (Fe) (Scale 1:4)
Open area 36%
Thickness 1.7 mm
Dimensions:
6 x 4.5 - 1.2 x 1.0
Weight 1.3 kg/m²




LS8 (Fe+Al) (Scale 1:4)
Open area 54%
Thickness 1.9 mm
Dimensions:
8 x 6.0 - 1.2 x 1.0
Weight 1.7 kg/m²



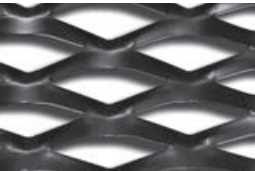
LS10 (Fe+Al) (Scale 1:4)
Open area 57%
Thickness 2.0 mm
Dimensions:
10 x 7.0 - 1.5 x 1.0
Weight 1.3 kg/m²



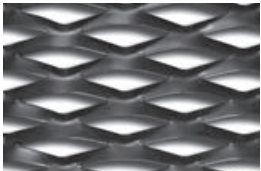
LS12 (Fe+Al) (Scale 1:4)
Open area 66%
Thickness 2.0 mm
Dimensions:
12 x 9.5 - 1.6 x 1.0
Weight 1.7 kg/m²



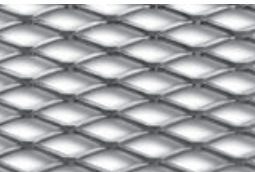
LS16 (Fe) (Scale 1:4)
Open area 46%
Thickness 2.0 mm
Dimensions:
16 x 11.0 - 3.0 x 2.0
Weight 2.0 kg/m²



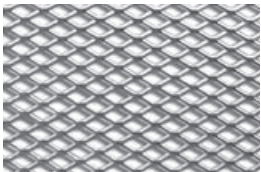
New York (Scale 1:4)
Open area 48%
Thickness 2.0 mm
Dimensions:
85 x 35 - 11 x 2
Weight (Al) 2.6/3.4 kg/m²
Weight (Fe) 7.6/10.2 kg/m²



Dubai (Scale 1:4)
Open area 36%
Thickness 1.5 mm
Dimensions:
62 x 23 - 8 x 1.5
Weight (Al) 2.7/3.6 kg/m²
Weight (Fe) 8.2/11.2 kg/m²



Moscow (Scale 1:4)
Open area 55%
Thickness 1.5 mm
Dimensions:
28 x 10 - 2 x 1.5
Weight (Al) 1.7/2.4 kg/m²
Weight (Fe) 4.2/6.4 kg/m²

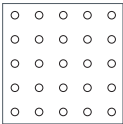


Rotterdam (Scale 1:4)
Open area 50%
Thickness 2.4 mm
Dimensions:
20 x 10 - 2.5 x 1.0
Weight (Al) 2.4 kg/m²
Weight (Fe) 5.4 kg/m²

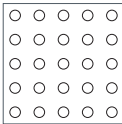
WOOD CEILINGS

Veneered Wood Tiles & Panels

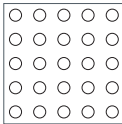
Single perforations - Regular (Scale 1:5)



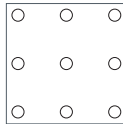
R5008
Ø 5 mm
⇄ 16 ⇄ 16
Openness 8%



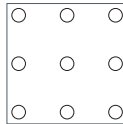
R7015
Ø 7 mm
⇄ 16 ⇄ 16
Openness 15%



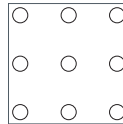
R8020
Ø 8 mm
⇄ 16 ⇄ 16
Openness 20%



R8005
Ø 8 mm
⇄ 32 ⇄ 32
Openness 5%

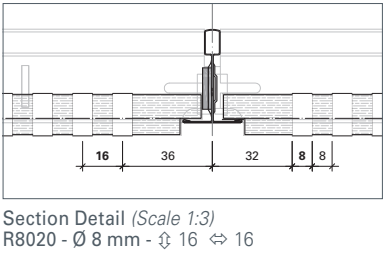


R9006
Ø 9 mm
⇄ 32 ⇄ 32
Openness 6%

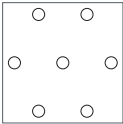


R10008
Ø 10 mm
⇄ 32 ⇄ 32
Openness 8%

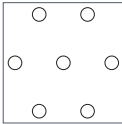
Example single perforation



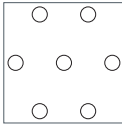
Single perforations - Irregular (Scale 1:5)



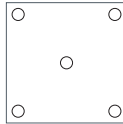
D8005
Ø 8 mm
⇄ 32 ⇄ 32
Openness 5%



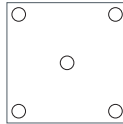
D9006
Ø 9 mm
⇄ 32 ⇄ 32
Openness 6%



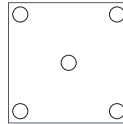
D10008
Ø 10 mm
⇄ 32 ⇄ 32
Openness 8%



D8003
Ø 8 mm
⇄ 32 ⇄ 64
Openness 3%

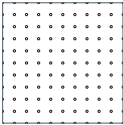


D9003
Ø 9 mm
⇄ 32 ⇄ 64
Openness 3%

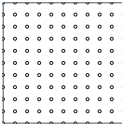


D10004
Ø 10 mm
⇄ 32 ⇄ 64
Openness 4%

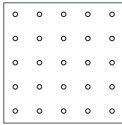
Double perforations - Regular (Scale 1:5)



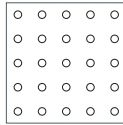
R1503A
Ø 1.5 mm
⇄ 8 ⇄ 8
Openness 3%



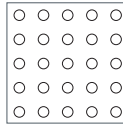
R2005A
Ø 2 mm
⇄ 8 ⇄ 8
Openness 5%



R3003A
Ø 3 mm
⇄ 16 ⇄ 16
Openness 3%

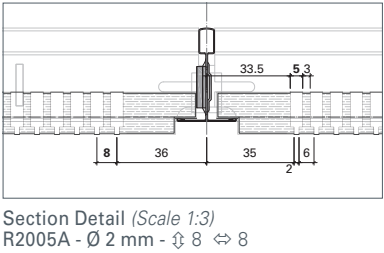


R5008B
Ø 5 mm
⇄ 16 ⇄ 16
Openness 8%

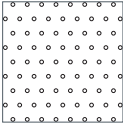


R7015B
Ø 7 mm
⇄ 16 ⇄ 16
Openness 15%

Example double perforation

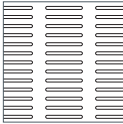


Nano perforations (Scale 1:1)

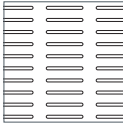


D0505A
Ø 0.5 mm
⇄ 1.9 ⇄ 1.9
Regular
Openness 5%

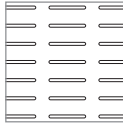
Slotted perforation (Scale 1:20)



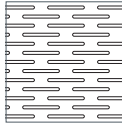
R9724S
WxH 97/8 mm
⇄ 24 ⇄ 132
Regular
Openness 24%



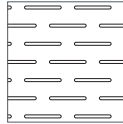
R9718S
WxH 97/8 mm
⇄ 32 ⇄ 132
Regular
Openness 18%



R9711S
WxH 97/8 mm
⇄ 48 ⇄ 132
Regular
Openness 11%



D9724S
WxH 97/8 mm
⇄ 24 ⇄ 132
Irregular
Openness 24%

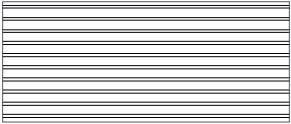


D9711S
Ø 97 mm
⇄ 48 ⇄ 132
Irregular
Openness 11%


Topline® Panels

Topline® perforations - Irregular (Scale 1:5)

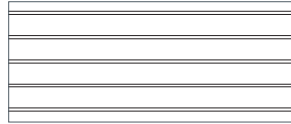
View sides



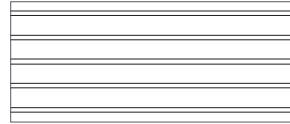
Topline® 6/2
Plain 6 mm
Groove 2 mm
Openness 25%



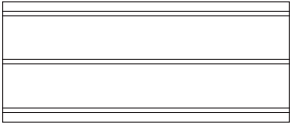
Topline® 9/2
Plain 9 mm
Groove 2 mm
Openness 18%



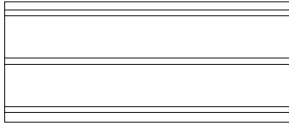
Topline® 14/2
Plain 14 mm
Groove 2 mm
Openness 13%



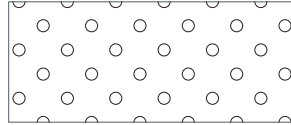
Topline® 13/3
Plain 13 mm
Groove 3 mm
Openness 19%



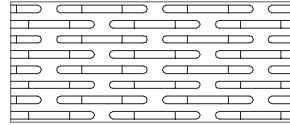
Topline® 29/3
Plain 29 mm
Groove 3 mm
Openness 9%



Topline® 28/4
Plain 28 mm
Groove 4 mm
Openness 13%



Round



Slotted

SOUND ABSORPTION (α_w) SUMMARY

Ceiling panels are available in a variety of perforation patterns for optimum acoustical performance. Sound absorption can be achieved by the addition of backing these panels with acoustical fabric or pad

HEARTFELT®

Plenum depth 200 mm

Module	% Open Area	Panel description	Acoustic Infill	α _w
50	20%	Panel 40 x 55 mm	none	0.70
60	33%	Panel 40 x 55 mm	none	0.65
70	43%	Panel 40 x 55 mm	none	0.60
70	43%	Panel 40 x 55 mm	Mineral wool tiles or PES acoustical tiles	1.00
80	50%	Panel 40 x 55 mm	none	0.50
90	55%	Panel 40 x 55 mm	none	0.45
100	60%	Panel 40 x 55 mm	none	0.45

TILES

Plenum depth 400 mm

Perforation Pattern	% Open Area*	Panel description	Acoustic Infill	α _w
D1522	22%	Tiles 600 x 600 mm	Non-Woven Acoustic tissue	0.65
R1511	11%			
D2022	22%	Tiles 600 x 600 mm	Non-Woven Acoustic tissue	0.55
R2011	11%			
R2516	16%	Tiles 600 x 600 mm	Non-Woven Acoustic tissue	0.70

* With post painted products the openness will decrease due to paint thickness

PLANKS & TAVOLA BAFFLES

Plenum depth 300 mm

Perforation Pattern	% Open Area*	Panel description	Acoustic Infill	α _w
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 150 mm	Non-Woven Acoustic tissue	0.50
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 200 mm	Non-Woven Acoustic tissue	0.50
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 300 mm	Non-Woven Acoustic tissue	0.40
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 400 mm	Non-Woven Acoustic tissue	0.40
R1511	11%			
D2022	22%			
R2011	11%			
R2516	16%			

* With post painted products the openness will decrease due to paint thickness

LINEAR

Plenum depth 200 mm

Perforation Pattern	% Open Area	Panel description	Acoustic Infill	α _w
D1523	23 %	All panel types, closed joints	Non-Woven Acoustic tissue	0.75
D1023	23%	75C panel	Non-Woven Acoustic tissue	0.65
D2016	16%	All panel types, closed joints	Non-Woven Acoustic tissue	0.80

WIDE PANEL

Plenum depth 400 mm

Perforation Pattern	% Open Area	Panel description	Acoustic Infill	α _w
D1523	23 %	300C/L	Non-Woven Acoustic tissue	0.75
D2016	16%	300C/L	Non-Woven Acoustic tissue	0.75

XL ACOUSTIC

Plenum depth 200 mm

Perforation Pattern	% Open Area	Panel description	Acoustic Infill	α_w
D0804 / D3033	3.6 %	XL50, XL100, XLts and XLnt	Non-Woven Acoustic tissue	0.75

STRETCH METAL

Plenum depth 200 mm

Stretch Pattern	% Open Area*	Panel description	Acoustic Infill	α_w
LD6	23 %	Tile 600 x 600 mm	Acoustical pad 25 mm	0.85
LS10	68%	Tile 800 x 800 mm	Acoustical pad 85 mm	1.00
LS8	62%	Tile 600 x 600 mm	Acoustical pad 25 mm	0.85

* With post painted products the openness will decrease due to paint thickness

SOLID WOOD

Linear Module	% Open Area	Acoustic Infill	α_w
Solid Wood Linear 92 mm (module 111 mm)	21 %	Non-Woven Acoustic tissue	0.30
Solid Wood Linear 92 mm (module 111 mm)	21 %	Non-Woven Acoustic tissue + 20 mm rock wool	0.50
Grill Module	% Open Area	Acoustic Infill	α_w
Solid Wood Grill 25-15-55	63%	40 mm mineral wool	0.90
Solid Wood Grill 25-15-55	63%	50 mm rock wool	0.85

VENEERED WOOD TILES

Perforation Pattern	% Open Area	Acoustic Infill	α_w
R7015	15%	Non-Woven Acoustic tissue	0.75
R8020	20%	Non-Woven Acoustic tissue	0.75
R9006	6%	Non-Woven Acoustic tissue	0.40
D7030	30%	Non-Woven Acoustic tissue	0.95
D9012	12%	Non-Woven Acoustic tissue	0.60
R9025	25%	Non-Woven Acoustic tissue	0.90
R1503A	3%	Non-Woven Acoustic tissue	0.35
R5008B	8%	Non-Woven Acoustic tissue	0.65
D0505A	5%	Non-Woven Acoustic tissue	0.95
R9724S	24%	Non-Woven Acoustic tissue	0.75
R9718S	18%	Non-Woven Acoustic tissue	0.65
R9711S	11 %	Non-Woven Acoustic tissue	0.50
D9724S	24%	Non-Woven Acoustic tissue	0.75
D9711S	11 %	Non-Woven Acoustic tissue	0.50

VENEERED WOOD TOPLINE®

Perforation Pattern	% Open Area	Acoustic Infill	α_w
TLS 6/2	25%	Non-Woven Acoustic tissue	0.90
TLS 14/2	13%	Non-Woven Acoustic tissue	0.65
TLS 13/3	19%	Non-Woven Acoustic tissue	0.75
TLS 28/4	13%	Non-Woven Acoustic tissue	0.65
TTA 13/3 FD	16%	Non-Woven Acoustic tissue	0.80
TTA 13/3 HD	16%	Non-Woven Acoustic tissue	0.65
TTA 28/4 FD	13%	Non-Woven Acoustic tissue	0.60
TTA 28/4 HD	13%	Non-Woven Acoustic tissue	0.40

VENEERED WOOD

Perforation Pattern	% Open Area	Acoustic Infill	α_w
Veneered Wood Grill 44-17-55	72%	3 mm acoustic felt	0.85

Hunter Douglas Ceilings utilizes metal, wood and felt materials to design, engineer and manufacture ceiling systems that optimise interior environmental quality, material resources and energy usage. Hunter Douglas incorporates sustainable materials and employs sustainable practices in

its manufacturing processes. When applied as part of an overall building plan for new and renovation construction, solutions from Hunter Douglas may contribute to Green Globes and LEED BD+C and ID+C certification for schools, retail, hospitality, healthcare and commercial interiors.



PARTNERS & PROGRAMS



LEED

LEED is transforming the way we think about how building spaces are designed, constructed, maintained and operated. Hunter Douglas’ continued research and development to create ceilings products that are more environmentally friendly contribute to the overall performance of a building, as well as to LEED certification by optimising daylighting and improving acoustical comfort and energy efficiency.



ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Hunter Douglas understands the importance of transparency to sustainable design and building. From raw material extraction through final disposal or reuse, we can provide life-cycle assessments on many of our products environmental impacts.



ECOSCORECARD

Our ecoScorecard LEED calculator helps customers search and evaluate the impact of Hunter Douglas’ ceilings products against leading environmental rating systems. Using the most up-to-date data in the marketplace, ecoScorecard provides clear, concise product information as well as supporting documentation.



GREENGUARD

Hunter Douglas is committed to meeting the growing demand for healthier, more sustainable products. Meeting the rigorous and comprehensive standards for low emissions of VOC’s, our Greenguard Gold Certified ceilings contribute to the overall indoor air quality and general health of a building space.



FSC® CERTIFIED (FOREST STEWARDSHIP COUNCIL)

Hunter Douglas is committed to protecting our forests for future generations. Many of our wooden ceilings are FSC certified, which employ forest friendly resource management and help to reduce environmental impact by promoting responsible consumption. Hunter Douglas’ FSC Chain of Custody Certificate # is NC-COC-016324.



CRADLE TO CRADLE

Hunter Douglas adopts the cradle to cradle (C2C) product philosophy to the design of products that fit the circular paradigm. Both our metal and felt ceilings are *Cradle to Cradle™* Bronze certified. They are designed for longevity, using materially healthy technical nutrients that can be reused at end of life as a high-quality source for something new.

Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.



OEKO-TEX® STANDARD 100

Hunter Douglas is committed to products that are safe to use and do not contain harmful chemicals or have a detrimental effect on health. Products that are certified according the OEKO-TEX® Standard 100 contribute to high and effective product safety from a consumer’s point of view.

HUNTER DOUGLAS

ARCHITECTURAL

For more than 60 years, we've been fortunate enough to help turn countless innovative sketches into innovative buildings. Architects, designers, investors and contractors from around the world have taken advantage of Hunter Douglas' unmatched product development, service and support. Chances are, you've seen more of Hunter Douglas than you think.

Major operation centres in Europe, North America, Latin America, Asia and Australia, we've contributed to thousands of high-profile projects, from retail and commercial facilities to major transit centres and government buildings.



▲ SUN LOUVRE



▲ CEILINGS

FAÇADES ▼



Not only are the world's architects and designers our partners, they're our inspiration. They continue to raise the bar for excellence. We create products that help bring their visions to life: Ceilings, Sun Louvres and Façades.

Designed to work for you

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HISTORY HUNTER DOUGLAS

1919 - Henry Sonnenberg founds his machine tool distribution, later manufacturing, company in Düsseldorf, Germany

1933 - Henry uses 150 railroad cars to move his entire operation to Rotterdam, The Netherlands.

1942 - Henry moves to the US and founds Douglas Machinery Corporation.

1946 - Joe Hunter joins forces with Henry and develops new technology and equipment for the continuous casting and fabrication of lightweight aluminium, leading to the production of Venetian Blinds.

1960 - Hunter Douglas expands into Europe, Australia and Latin America.

1969 - Hunter Douglas stocks are first listed on the Montreal and Amsterdam Stock Exchanges.

2007 - Two new companies join the Hunter Douglas Group - 3Form and NBK Architectural Terracotta. High design, high performance sustainable building solutions, extending Hunter Douglas' commitment to architectural products that are good for people and the planet.

2014 - Hunter Douglas launches BXD 3-dimensional linear ceiling.

2015 - XLnt, a super flat swing down acoustic ceiling is launched.

2016 - Hunter Douglas launches HeartFelt®, the first modular Felt Ceiling system ever.



ARCHITECTURAL SERVICES

We support our business partners with a wide range of technical consulting and support services for architects, developers and installers. We assist architects and developers with recommendations regarding materials, shapes and dimensions, colours and finishes.

We also help with the creation of design proposals, visualisations, and installation drawings. Our services to installers range from providing detailed installation drawings and instructions to training installers and advising on the building site.

Learn More

- Contact our Sales office
- www.hunterdouglasarchitectural.eu



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Hunter Douglas products and solutions are designed to improve indoor environmental quality and conserve energy, supporting built environments that are comfortable, healthy, productive, and sustainable.



Our paint and aluminium melting processes are considered to be one of the industry standards in terms of clean production processes. All aluminium products are 100% recyclable at the end of their lifecycle.

HunterDouglas Architectural

Hunter Douglas Architectural

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