

LUXALON®

XL Panels

Super-size your ceiling



Design Flexibility

HunterDouglas

CEILINGS

Acoustic XL Ceiling System

Innovative Products Make Innovative Projects

A new, extra large acoustic Ceiling Panel with outstanding sound absorption capabilities.

The monolithic look of the XL Acoustic Ceiling System fits perfectly in large open spaces with a high level of noise like in airports, shopping malls or conference halls. With excellent sound control properties, XL Acoustic Ceiling Panels turn noisy environments into spaces with a comfortable acoustic ambiance.

With the new XL Acoustic Ceiling System, Hunter Douglas extends its innovative ceiling solutions portfolio with a unique high performance system that delivers outstanding results with a unique design solution.



Specifications

IN GENERAL

Luxalon® XL Ceiling systems are designed for high quality ceiling specifications offering the following benefits:

- Superior flatness
- Large panel size
- Smooth appearance
- Narrow joints
- Easy installation
- High panel quality
- Swing down access
- Fire retardant

THE PRINCIPLE

The XL Ceiling panel principle:

- All Luxalon® XL panels are based on composite panel technology that originates from the aircraft industry.
- Pre-coated aluminium skins are roll-formed and bonded to the honeycomb core and aluminium suspension extrusions. With this state of the art technique, extremely flat panels can be produced.

SIZES

The effect of the composite technology construction is that very large and completely flat panels can be produced with reduced suspension, due to their lightweight nature.

The Luxalon® construction method enables the designer to almost ignore the span of the material giving him an enormous amount of freedom in creating his designs.

DETAILS

Panel types

Perforated or flat panels

Modular Sizes

Width : min. 600 mm - max. 1250 mm

Length : min. 1000 mm - max. 2500 mm

Joint width : 12.5 mm

Acoustic properties

$\alpha_w = 0.75$ (22% openness)

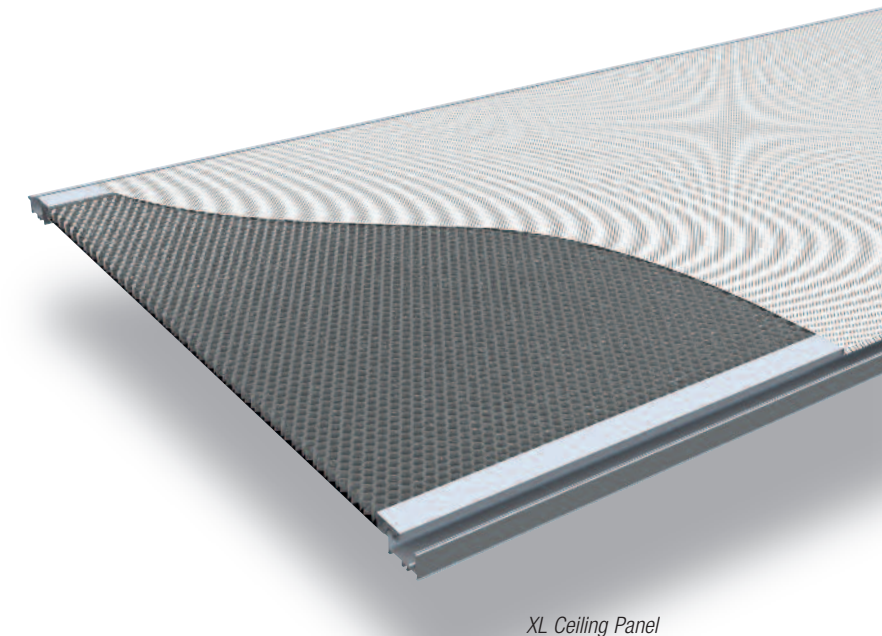
Perforation type

Front skin Ø 1.5 T3, 22% openness

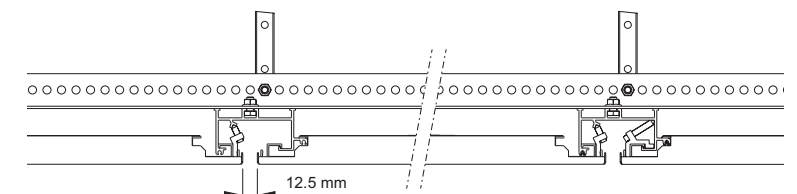
Back skin Ø 3.0 T5, 32% openness

Fire rating

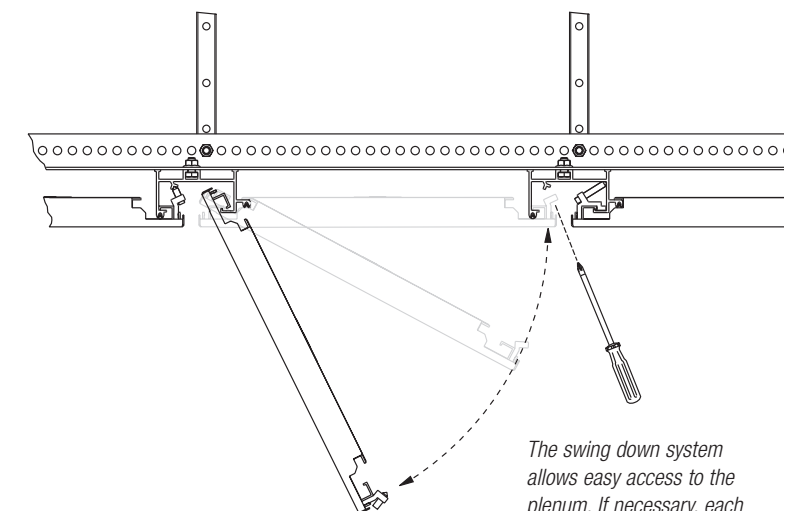
B s2 d0



XL Ceiling Panel

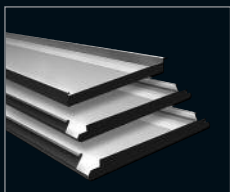


The panels have been designed with an integrated fixed narrow joint of 12.5 mm along 4 sides of the panel.

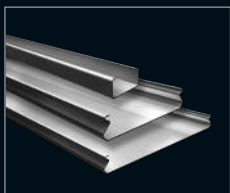


The swing down system allows easy access to the plenum. If necessary, each panel is demountable and replaceable by hand.

Wide Panel



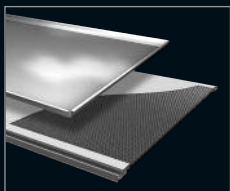
Linear



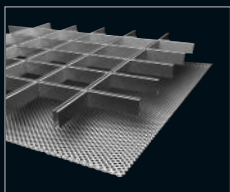
Screen



Tiles
XL panel



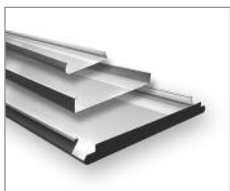
Cell
Stretch metal



Curved



Exterior



Belgium
Bulgaria
Croatia / Slovenia
Czechia
Denmark
France
Germany
Greece
Hungary
Italy
The Netherlands
Norway
Poland
Portugal
Romania
Russia
Serbia
Slovakia
Spain
Sweden
Switzerland
Turkey
United Kingdom
Africa
Middle East

Asia
Australia
Latin America
North America

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HunterDouglas

WINDOW COVERINGS

CEILINGS

SUN CONTROL

FAÇADES

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