

FOCUS ON Exterior

Ceiling systems

**ADD BEAUTY AND DURABILITY
TO ANY BUILDING'S EXTERIOR**



HunterDouglas 
Architectural



Luxalon® Exterior Ceilings

A proven system

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

Withstand outdoor conditions

Exterior building applications need to contend with a wide range of severe outdoor conditions.

Luxalon® Exterior Ceilings of Hunter Douglas have proven extremely durable for more than fifty years; developed with unique surface-treated panels and a wind resistant suspension system, they stand up to the harshest conditions.

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



Installed in a variety of projects

Architects and designers worldwide know the strength of Luxalon® Exterior Ceilings and have installed these ceilings in prestigious projects including airports, railway stations, office buildings, shopping malls and hotels.

Design flexibility

The Luxalon® Exterior Ceiling system creates new opportunities for expressive architecture and adds beauty and durability to any building's exterior. Allowing a wide range of design possibilities exterior ceilings are specially developed with the same aesthetic appearance as Luxalon® interior ceilings.

The benefits of a Luxalon® Exterior Ceiling system

Choose from a wide range of possibilities for expressive architecture and add beauty and durability to any building.

- Proven durability against the harshest conditions
- Windproof suspension sytem
- Create a flawles aesthetic appearance as Luxalon® interior ceilings
- Compliant with all safety regulations.

Unprecedented Protection
LUXACOTE
for exterior application

CONTENT	Page
Outdoor resistance	4
Wind Proof	6
Colour range	8
Design possibilities	9
Hunter Douglas Architectural	10



Outdoor resistance

Project : Subway Station De Akkers, Rotterdam, the Netherlands
Product : 300C Exterior Ceiling
Architect : RET Development

Severe Conditions, Extreme Resistance

Luxalon® Exterior Ceilings are the ideal in exterior solutions. Coated with Luxacote®, developed with a durable base of materials, and containing the Luxalon® ProFix™ exterior suspension system, these exterior ceilings can withstand the most oppressive outdoor conditions. All over the world, Luxalon® Exterior Ceilings stay strong and look impressive in the face of intensive sunshine, dramatic temperature changes, moisture, extreme climates, and strong wind loads.

Unprecedented Protection
LUXACOTE®
for exterior application

Protected by Luxacote®

Luxacote® is a special treatment for Luxalon® Exterior Ceilings. 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. Luxacote® also filters UV-light to provide extra colour and gloss durability.

Secured by Luxalon® ProFix™

Luxalon® ProFix™ is a suspension system made by Hunter Douglas expressly for Luxalon® Exterior Ceiling applications. A cost- and time-saving tool, the system simplifies installation and provides safety and reliability, even when faced with strong wind loads. With the same wind loads, fewer Luxalon® ProFix™ hangers are required to create the same level of wind load resistance as a standard suspension system.

Made with the strongest base material

It takes more than a good pre-treatment and stable colour coating to produce a product that holds up to the outdoors. For optimal durability, Luxalon® Exterior Ceilings are made with a highly corrosion-resistant aluminium alloy: EN AW 3005. The result: extremely durable products with slightly textured surfaces that manage potentially damaging outdoor conditions.



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

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





Above : PKOL Polish Olympic Committee, Warsaw, Poland
 Product : Multiple Panel Façade
 Architect: Kulczynski Architect

Below : De Rotterdam, The Netherlands
 Product : Cell 40 Exterior Ceiling
 Architect: OMA Rem Koolhaas

As an expert in exterior ceilings, Hunter Douglas offers excellent technical support to business partners. Our calculation tools help to make the designs of exterior ceilings durable and safe, even in the case of strong wind loads.

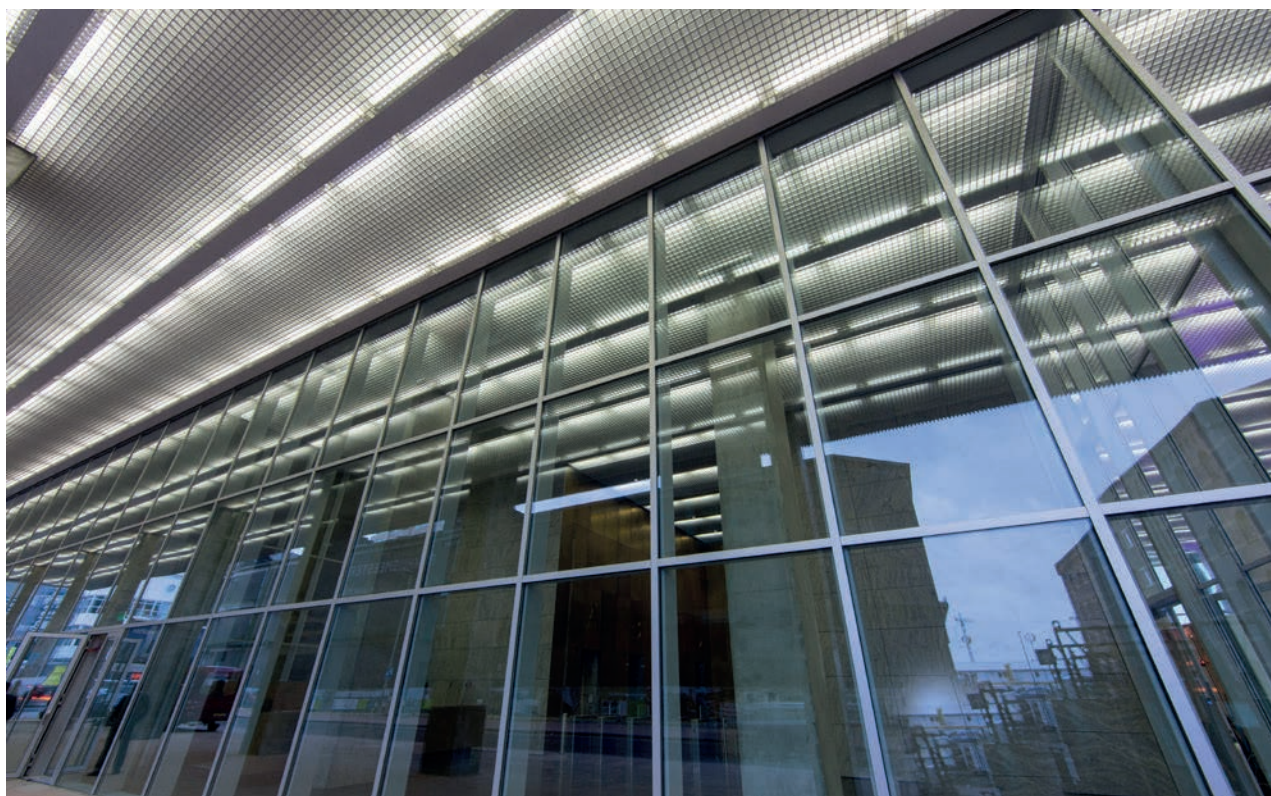
Model for wind loads

To improve service, Hunter Douglas asked a leading independent testing and research institute (TNO, the Netherlands) to develop a dedicated model for wind load calculations. With this model it is possible to calculate wind loads in relation to location, height and climate zone all over the world.

The results of wind load calculations make it easy to use our span tables, which are available for all types of Hunter Douglas ceiling panels and carriers. These tables support the engineer in developing the optimal and most economical suspension construction for the designed exterior ceiling.

A tested system

TNO, the Netherlands has extensively tested Luxalon® Exterior Ceilings against varying wind loads.





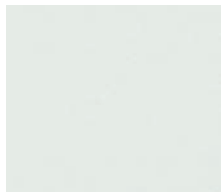
Turbulent Design, Absolutely Wind Proof

Project : Domoteka Furniture shopping Mall, Marki, Poland
Product : 300C Exterior - Interior
Architect: Archmo

Colour range

Unprecedented Protection
LUXACOTE®
for exterior application

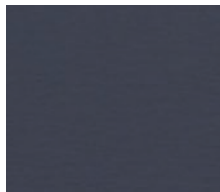
EXTERIOR STANDARD COLOUR RANGE



0401 - ±RAL9016



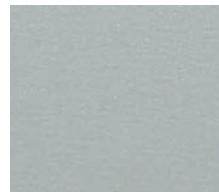
0260 - ±RAL9010



1660 - ±RAL7015



7035 - ±RAL9007



7080 - ±RAL9006

Visit our website to see the actual Exterior Colour range. Due to the printing process there might be small colour differences compared to real samples. Request the Exterior Colour card to ensure accurate colour matching. Special colours: It is possible to create any desired RAL or NCS colour.

www.hunterdouglas.co.uk



Project : Parking garage University Lodz University, Poland
Product : 75C-150C-225C Exterior
Architect: OOA

Endless design possibilities

Luxalon® Exterior Ceilings consist of five standard colours, twelve optional colours and many different panel systems. Three of the systems contain different panel sizes, making it possible to mix and match the different sizes to customize the perfect look for your design.

In addition to Luxalon® Exterior Ceilings, Hunter Douglas offers Solid Linear Wood ceilings, Wood Panels and Stretch Metal ceilings for exterior use. For more details, please request our specific product brochures.

Bring the outside inside

Some Luxalon® Exterior Ceilings are also available for interior applications. You'll find the details in the table below. Use these matching items to design a homogeneous ceiling that visually connects the interior and exterior of a building.

Design opportunities

SYSTEM	PANEL WIDTH (MM)	JOIN WIDTH (MM)	MIX DIFFERENT SIZES	CURVED	INTERIOR APPLIC. AVAILABLE	ACCESS TO PLENUM	LUXALON® PROFIX™	LUXACOTE®
84R	84	16*		•	•	•	•	•
80B	80	20*		•	• (Multi panel system)	•	•	•
84B	84	16		•	•	•	•	•
84C	84	16			•	•	•	•
75C 150C 225C	75 150 225		•		•	•	•	•
300C	300				•	•	•	•
300L	300				•	•	•	•
150F 200F	150 200		•	•			•	•
70U	70	30		•	•	•	•	•
V100	100	Module 100, 150 or 200			• (V100, V200)	•	•	On request

*Join profiles are available and provide a visually closed ceiling



Above : Antwerpen Berchem Railway Station, Antwerpen, Belgium
Product : 84R Exterior
Architect: NMBS (NL), SNCB (FR)

Add a curve

Concave, convex, and undulating sections can be easily formed to design the perfect curved ceiling.

Designed to work for you

Hunter Douglas is a global player within the field of modern architecture. We understand the conflict between form and function better than anyone, and enrich the market with inspiring solutions that strengthen the aesthetic appeal of buildings and their functionality in terms of indoor climate, energy use and acoustics.

We develop clever and aesthetically appealing solutions in collaboration with architects and designers to control heat, light, sound and energy. We are also inspired by real-world challenges and ideas as well as developments in technology and materials. All our products are thought out in great detail to make a difference to both architects and end users.



Hunter Douglas adopts the cradle to cradle (C2C) product philosophy to the design of products that fit the circular paradigm. Our products 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.



Hunter Douglas products and solutions are specifically designed to improve the indoor climate and save energy. They create an environment that is pleasant, healthy, productive and sustainable.



▲ CEILINGS

SUN LOUVRES ▼



▲ WALLS

FAÇADES ▼



Architectural services

We support our business partners with a wide range of technical consulting and support services for architects and installers. We assist architects and developers with recommendations for materials, shapes, dimensions, colours and finishes. We also help create design proposals, visualisations and technical drawings. Our services to installers range from providing detailed installation drawings and instructions.

More information

Contact our **Project Support** for further help and advice on the design possibilities our applications can create.

Call us:

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Send us an e-mail:

info@hunterdouglas.co.uk

Visit our website:

www.hunterdouglas.co.uk



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CEILINGS



WALLS



SUN LOUVRES



FAÇADES



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