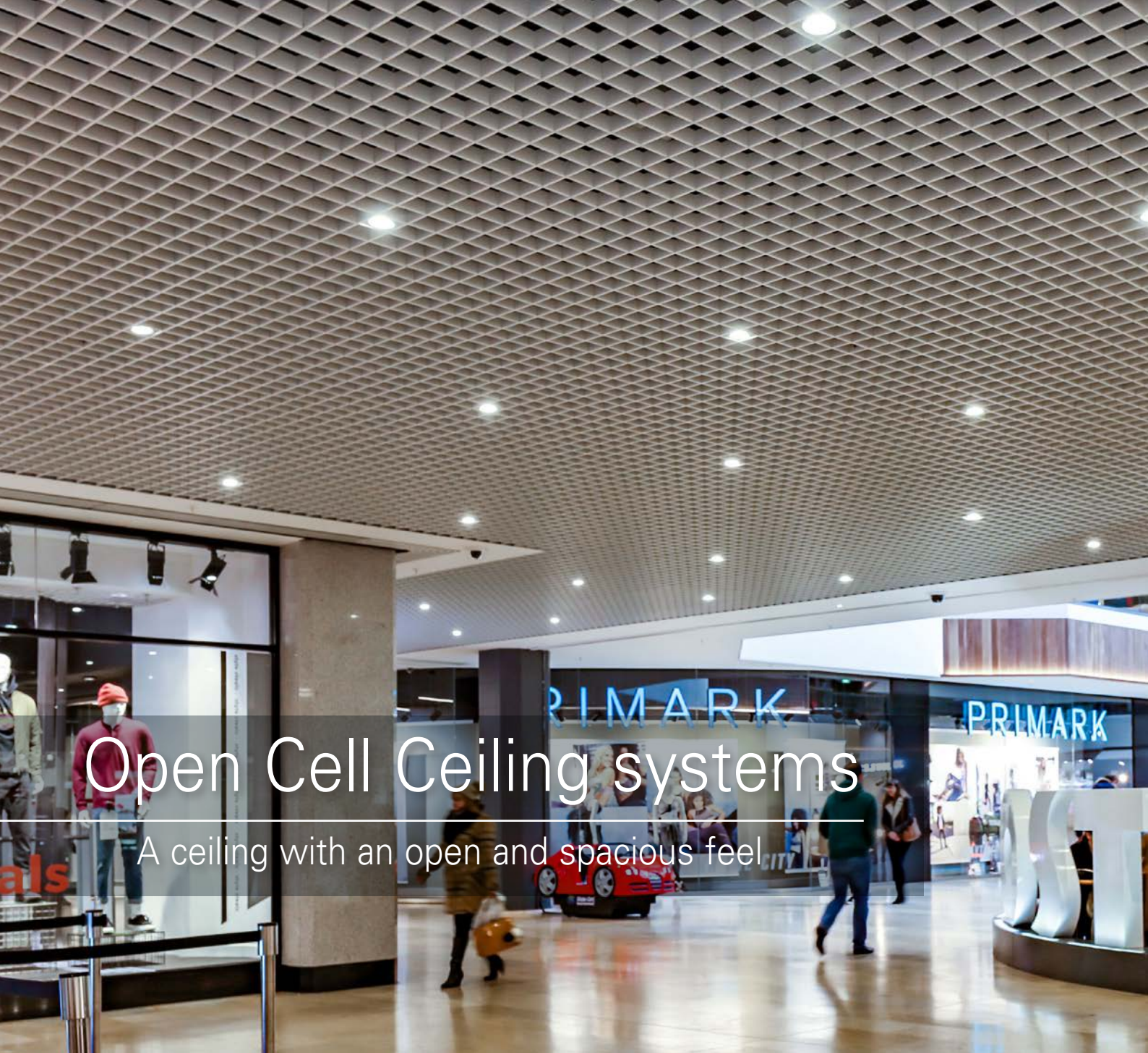


FOCUS ON Open Cell Ceiling systems

AESTHETIC INTEREST WITH
AN OPEN AND SPACIOUS FEEL





Open Cell Ceiling systems

A ceiling with an open and spacious feel

Versatile aesthetic

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

Our open ceilings are designed to give the illusion of additional space, while adding aesthetic interest to the area. They make it easy to create different modules in one ceiling and are ideal for very small plenum depths. Open Cell Ceilings provide a wide variety of design opportunities to create an open and spacious feel.





Left : Queensgate Shopping Centre, Peterborough, United Kingdom
Product : Cell 50E
Architect: Benoy

Design options

HunterDouglas® Metal Open Cell ceilings enable architects to design an open ceiling with high-performance aluminium.

With a wide variety of cells and patterns, these ceilings offer maximum freedom in design. Open Cell Ceiling systems create a spacious appearance which is ideal for interior designs where open, light constructions are desired.

We offer two Open Cell Ceilings:

- Cell Systems, flexible and modular
- Cell Tiles, a standard-sized product

Characteristics

Open, lightweight constructions give aesthetic interest to the area.

- Profile dimensions: 10 mm width with 40 or 50 mm height or 15 mm width for T15 systems
- Visual reduction of room height whilst retaining the original room volume
- 7 different modules are available as standard. Other modules on request
- Assembled panels can be supplied with integral hooks for traditional Lay-In installation or sliding clips which allow panels to be hung into the main and cross runners
- Panels in standard sizes 600 x 600 mm and 600 x 1200 mm are lightweight yet strong and produced from 100% recyclable 0.4/0.5 mm aluminium.
- Cradle to Cradle Certified™ Bronze
(Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute).

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HunterDouglas 
Architectural



Production by
Hunter Douglas
Ceiling Center



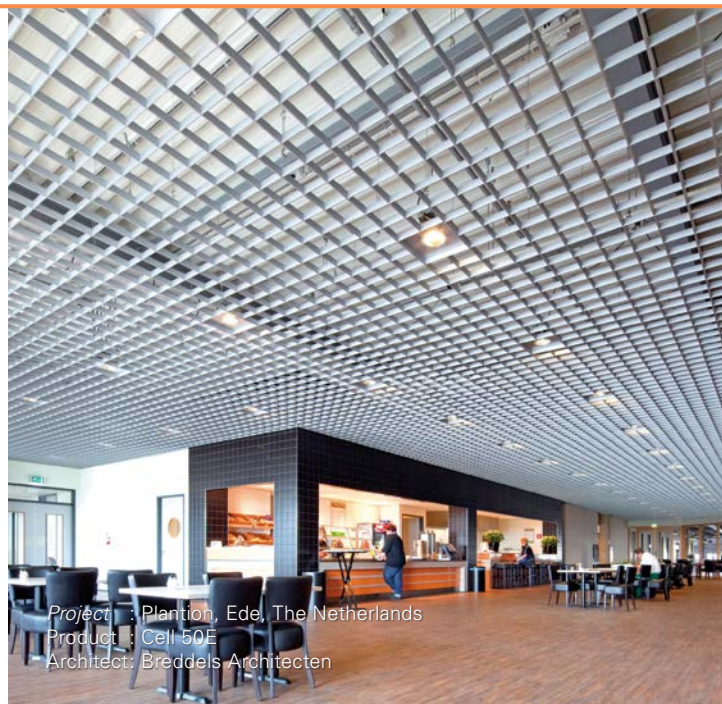
Cover and left: Ahoy Rotterdam, The Netherlands
Product : Cell 50 Ceiling system
Architect: xxx

Designed to work for you

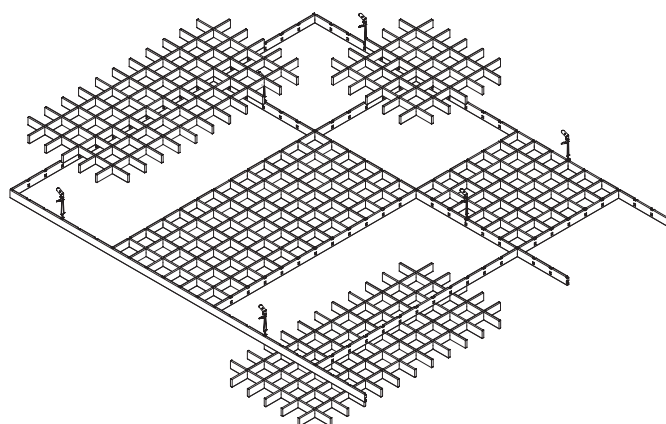
Cell 40/50/50E

Create interesting shadows en Lighting effects

Our Open Cell Ceiling Systems help define a space and create interesting shadows and lighting effects. Available in a range of sizes and colours, our Open Cell Ceilings provide a creative mask to the plenum that ensures the ceiling becomes the focal point of the roof void.



System composition



HunterDouglas® Open Cell Ceiling 40/50/50E

Left : De Rotterdam, The Netherlands
Product : Cell 40
Architect: OMA Rem Koolhaas

Dimensions & Colours

Open Cell Ceiling panels in size 600 x 600 mm or 600 x 1200 mm are assembled from aluminium U-profiles to create an integrated system. Open Cell Ceiling Systems feature an integrated suspension system with main and cross runners made from the same profiles as the Cell Ceiling panel.

A wide range of finishes are available including wood décor (Cell 50) or on request in any desired RAL colour.

Design elements

Cell panels provide surprising possibilities for an interesting ceiling design. Our Cell ceiling systems highlight versatility that, together with lighting, enable a variety of visual effects and give the space atmosphere and comfort.

The Open Cell ceiling system from Hunter Douglas provide the architect and designer with an opportunity to create an open exciting ceiling.

Below : Erasmus Hogeschool, Brussel, Belgium
Product : Cell 50
Architect: xxx



Above : Darwin centre, Shrewsbury, United Kingdom
Product : Cell 40
Architect: Chapman Taylor

Key features

OPEN CELL 40/50/50E CEILING SYSTEMS

- Tile dimensions 600 x 600 mm and 600 x 1200 mm
- Profile heights: 40 and 50 mm
- Profile width 10 mm
- Standard modules 50 (Cell 40), 60, 75, 86, 100, 120, 150 and 200 mm
- Monolithic design with integrated support structure
- Downweight: reduce static load with lightweight aluminium
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

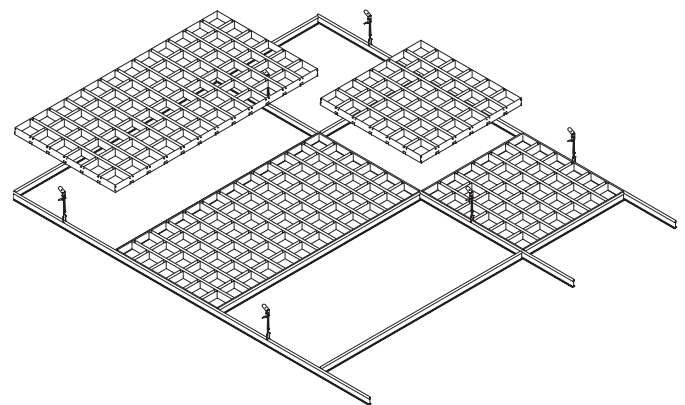


A ceiling with character on a standard grid

HunterDouglas® Open 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. The T15 Tiles are assembled from aluminium U-profiles and are provided with a closing strip all around.



System composition



HunterDouglas® Open Cell Ceiling T15

Dimensions & Colours

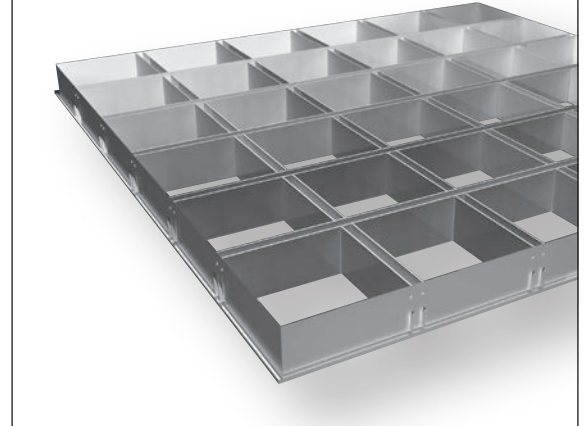
The Open Cell T15 Ceiling Tiles consists of 15 mm wide aluminium profiles assembled in 600 x 600 mm or 600 x 1200 mm modules. Other sizes are available on request. Panels are demountable for easy access to the plenum.

Cell T15 Ceiling Tiles are available in 3 finishes or on request in any desired RAL colour.

Application

Open Cell T15 Ceiling System is suitable for projects where a lightweight and open ceiling is required. These include corporate, transport (airports, metro, bus & train stations), retail, leisure, public space and hospitality environments.

Cell T15



Below : Birmingham International Airport, United Kingdom
Product : Cell T15
Architect: D5 Birmingham and Pascal Watson London

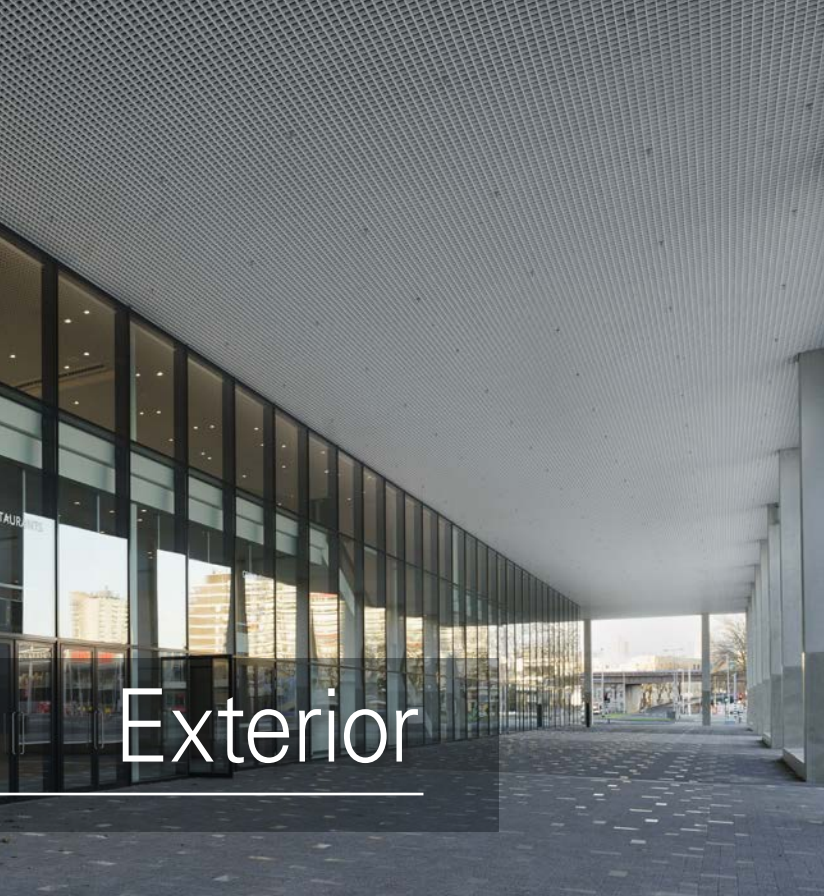


Key features

CELL T15 CEILING TILES AND PANELS

- 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
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.





Exterior

Above and below: Ahoy Rotterdam, The Netherlands
Product : Cell 50 Ceiling system Exterior
Architect: xxx

Bring the ceiling out

HunterDouglas® Open Cell Systems and Tiles can be installed as an exterior ceiling so your internal design can find its way out. With Luxacote®, an exclusive Hunter Douglas innovation that enhances the durability of exterior aluminium building applications the ceiling is protected by a powerful coating system with integrated UV filter and scratch resistant formula.

Unprecedented Protection
LUXACOTE®
for exterior application



Physical data

- Substrate: Aluminium
- Weight: Varies 3.0 - 4.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - 0280: LR = 0.65
- Acoustic ratings: (Cell 40) α_w 0.15 - 0.85 (H)
Depending on module and acoustic nonwoven

BIM

- REVIT files available, see website for details.

Fire classification

- Metal ceilings from Hunter Douglas are fully tested for reaction to fire according to EN 13501-1. More information is available on request.

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
- C2C bronze

For more information visit our website:

www.hunterdouglas.co.uk

HunterDouglas 
Architectural



Project : Incubator, Niel, Belgium
Product : Cell 50
Architect: LOW Architecten

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



Alle aluminiumproducten zijn 100% herbruikbaar aan het einde van hun levenscyclus.



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CEILINGS



WALLS



SUN LOUVRE



FAÇADES



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