

Luxalon® Baffles

A robust ceiling with
a graceful appearance

METAL BAFFLE CEILING SYSTEMS



Project: Law firm Wragge Lawrence Graham & Co, Birmingham, United Kingdom
Product: Tavola™ Straight
Architect: Weedon Architects

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Luxalon® Baffles Ceiling Systems

Create atmosphere

Luxalon® Baffles are part of Hunter Douglas Architectural's wide range of ceiling solutions. This intriguing open ceiling construction features vertical and linear bars that are designed to add grace and poise to a building's interior.

A myriad of options are available with the Tavola™ metal baffle variants that allow designers to create inspirational ceilings with superb acoustic performance. Extra space between the baffles allows for easy access to the plenum and the simple installation of integrated lighting, sprinkler and climate control systems.

A wide range of design options

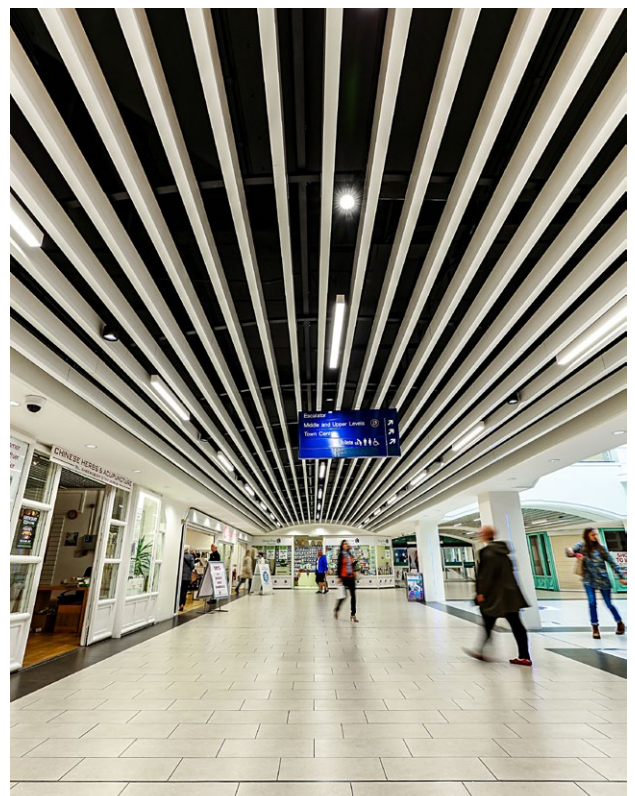
Luxalon® Baffles are available in a wide range of materials, dimensions, colours and designs, including wood décor. Straight, meandering or undulating shapes can be produced to create character and atmosphere in a wide range of interior spaces.

The various Tavola™ baffle systems ensure a perfect linear appearance with excellent acoustic performance. Our baffle ceilings are particularly suitable for use in areas where acoustic performance is critical such as schools, libraries, shopping and retail spaces, public lounges and transport hubs.

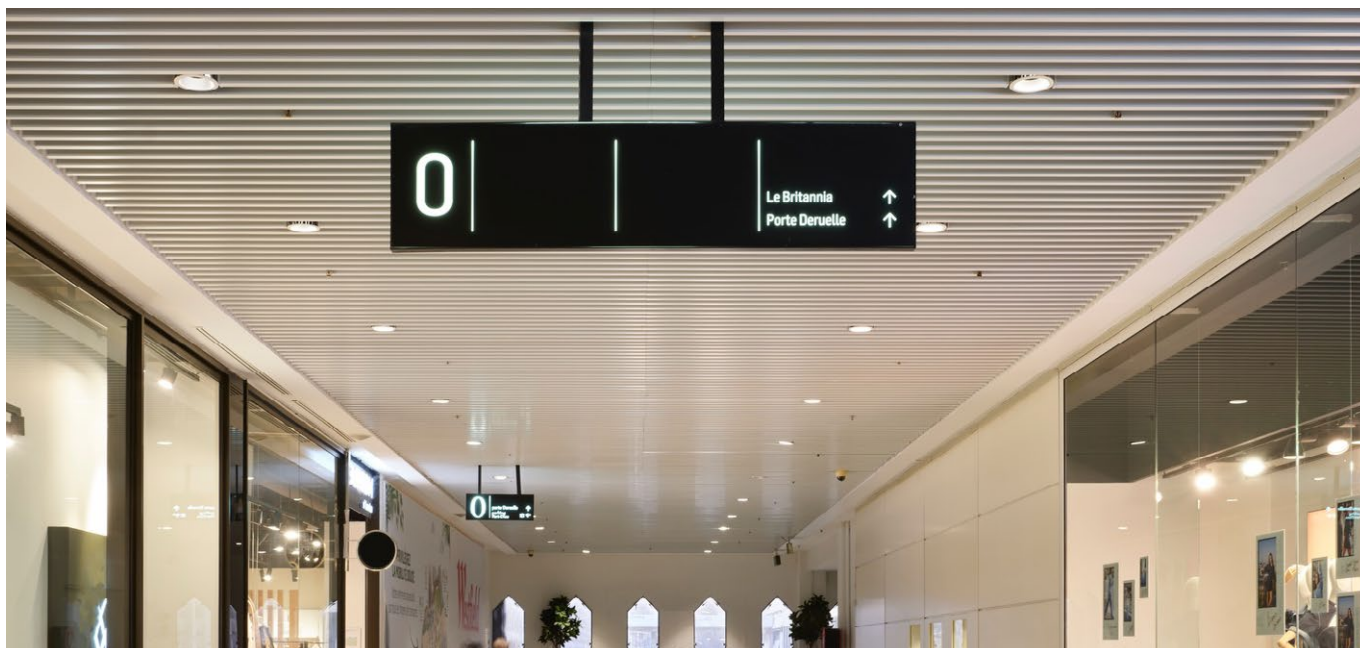
The benefits of Luxalon® Baffles

Visual and acoustical comfort in one robust ceiling system.

- Endless design options
- Can be customised to your needs
- Fully configurable solutions with variable baffle spacing
- Open space for integrated technology
- Compliant with all safety regulations



Project: Darwin Centre, Shrewsbury, United Kingdom
Product: Tavola™ Straight
Architect: Chapman Taylor

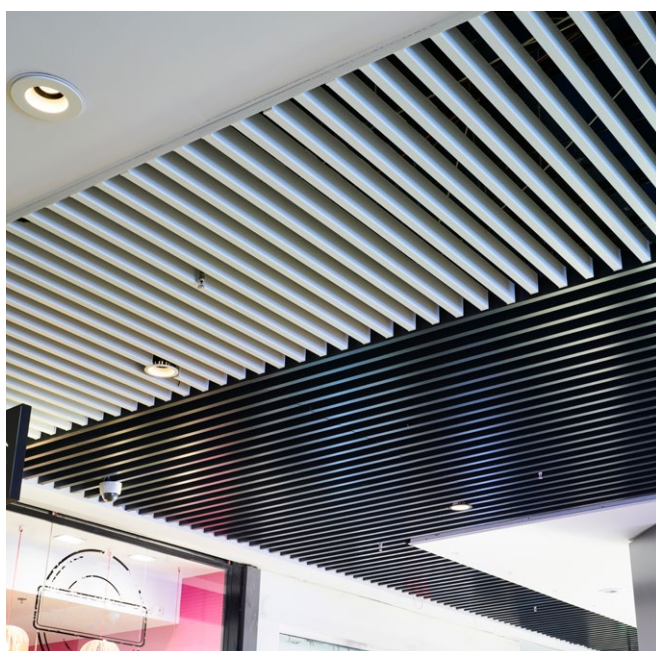


Project above and cover: Centre Commercial Westfield Part Dieu Lyon, France
Product: Tavola™ Straight

Tavola™ Straight

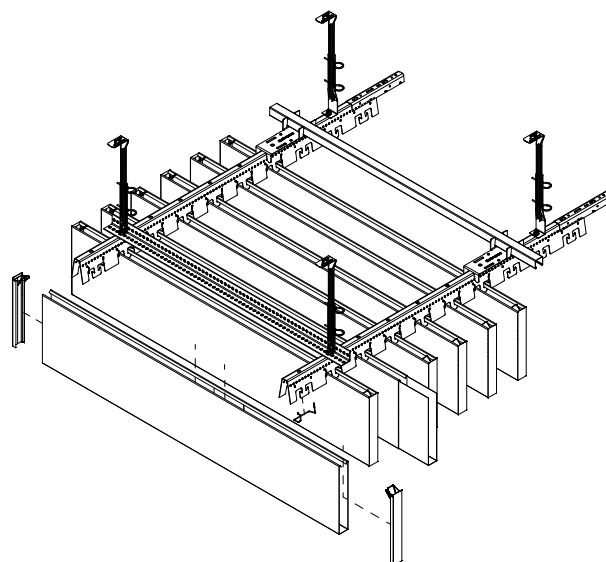
Distinctive looks, improved acoustics

Tavola™ Straight baffles from Hunter Douglas feature an open ceiling construction that allows a view to the plenum area and concrete ceiling above. They are particularly suited for remedial installation on ceilings where a distinctive design or improvement to the acoustic performance is required. A baffle is a construction or device that reduces the levels of airborne sound. As a ceiling system they are ideal for mitigating noise pollution and reverberating sound.



Project: Centre Commercial Westfield Part Dieu Lyon, France
Product: Tavola™ Straight

System composition



Tavola™ Straight



*Project: Metrocentre Gateshead, UK
Product: Tavola™ Straight woodprint*

This linear, open baffle ceiling offers a versatile range of design options. At a minimum viewing angle of approximately 45 degrees, the ceiling has a closed appearance. By varying the distance, size and perforation of the baffles, this ceiling system can fulfil various acoustic requirements. The perforated baffle elements are standard delivered with an acoustic non-woven tissue glued into the baffle. When selecting a baffle with woodprint, distinctive and warm room atmospheres can be realised.



*Project: Muzeum Józefa Piłsudskiego Sulejówkę, Poland
Product: Tavola™ Straight*

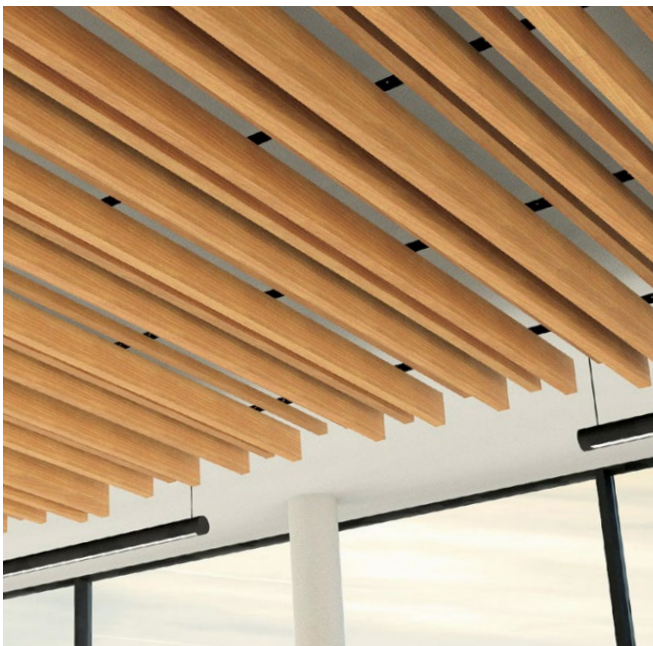


Project: Visualisation
Product: Tavola™ Levels Concept

Tavola™ Levels

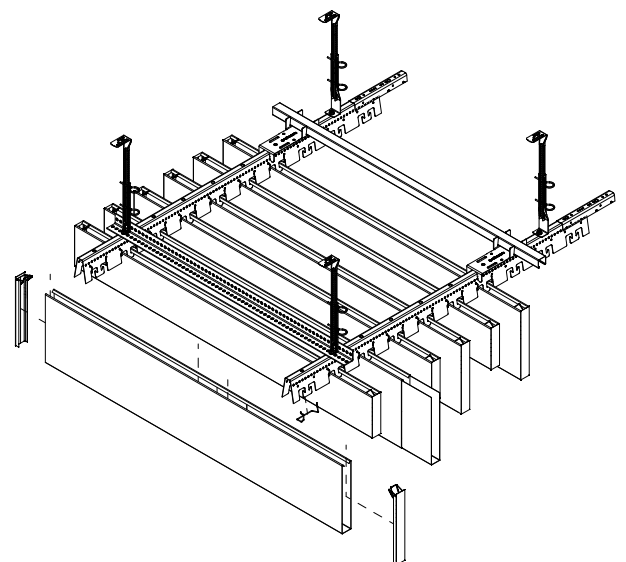
Create rhythm with height

Hunter Douglas Tavola™ Levels incorporate different baffle heights in one system, allowing the designer to create a unique rhythm or playful landscape to the ceiling surface. The Tavola™ Levels baffle ceiling system is easy to install with baffles simply clamped to a standard pre-punched carrier.



Project: Visualisation
Product: Tavola™ Levels Concept

System composition



Tavola™ Levels

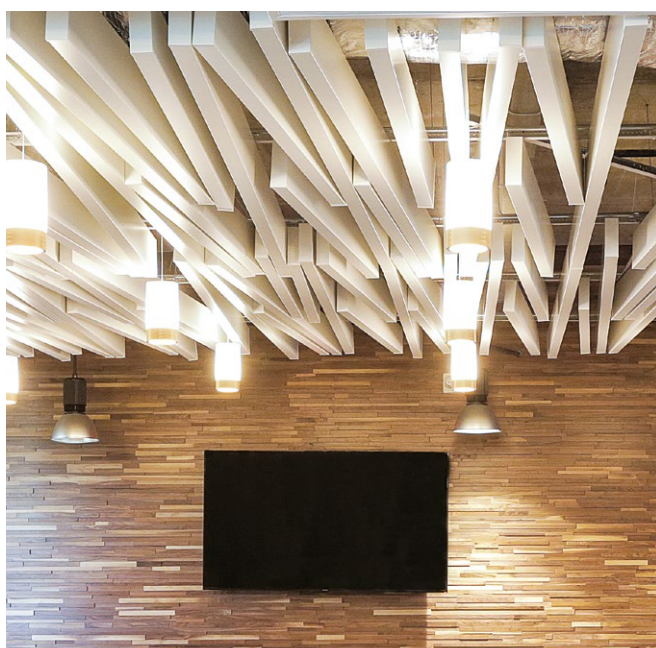


Project: Office Booking.com, Orlando, FL, USA
Product: Tavola™ Divergent

Tavola™ Divergent

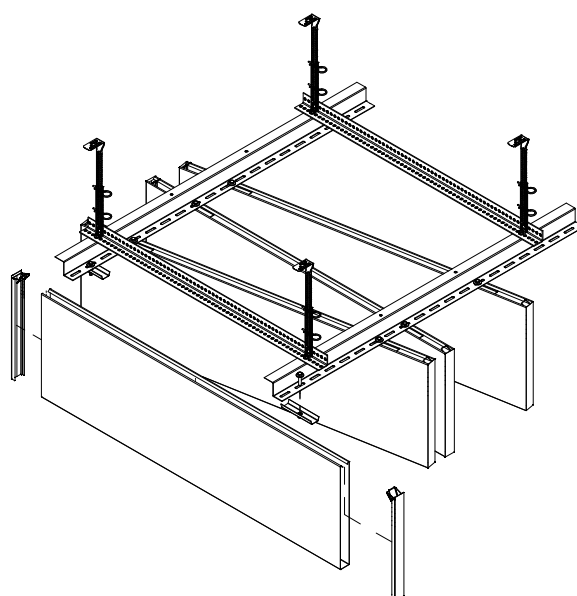
Find symmetry in the atypical

Non-parallel, diverging beams and baffles create organic textures in an unlimited variety of configurations for interior applications. With Tavola™ Divergent architects can design a ceiling with contemporary movement without the traditional lines. The system can also be applied when a radial design is desired.



Project: Office Booking.com, Orlando, FL, USA
Product: Tavola™ Divergent

System composition



Tavola™ Divergent



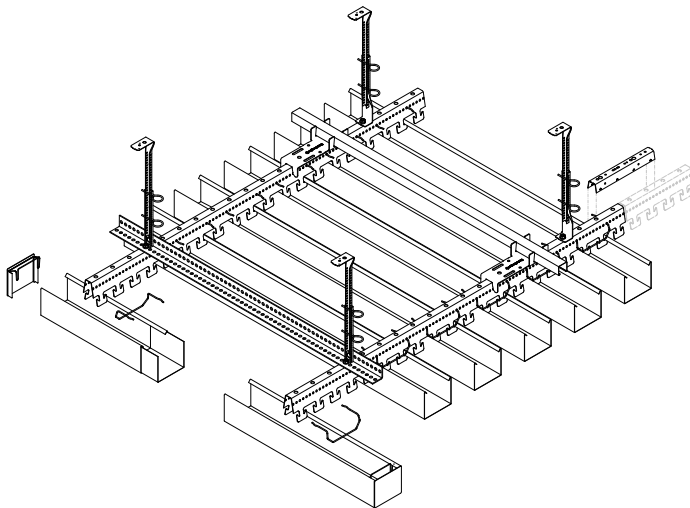
Project: Spoorzone Delft, The Netherlands
Product: Customised Baffles

Customised Baffles

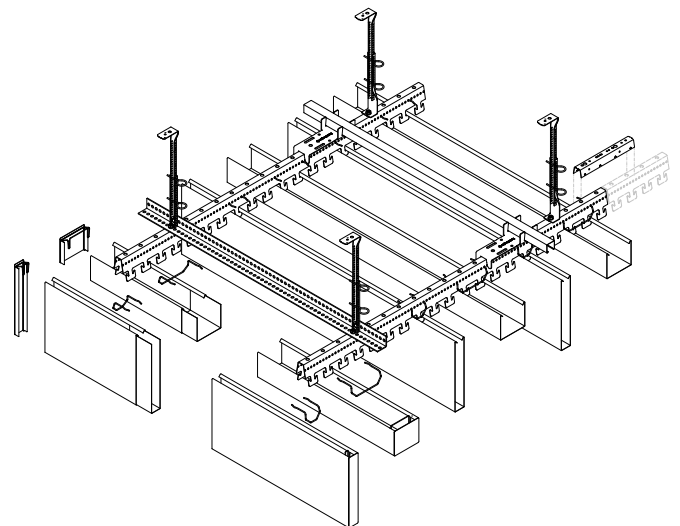
Bring your ideas to life

Do you have any special requirements or ideas regarding your next ceiling project? At Hunter Douglas Architectural we are more than willing to collaborate with you to engineer a baffle ceiling to your exact specification. Our Customised Baffles can be manufactured with different kinds of finishes, sizes, shapes, colours and patterns (customised baffle elements are subject to minimum order quantities). Contact your local Hunter Douglas sales office for more information.

System composition



Customised Baffles
System shown above: Tavola™ 80TB70 M150



Customised Baffles
System shown above: Tavola™ 30TB200-80TB70 M175

Dimensions & Colours

Tavola™ Baffles are easy to install and are available in widths of 30, 40 and 50 mm, heights from 100 to 200 mm and lengths up to 4000 mm. They are available non-perforated or perforated. A wide range of finishes is available including woodprint. Baffles can also be powder coated on request in any desired RAL colour (special colours are subject to minimum order quantities).

Tavola™ Baffles offer best-in-class panels and carrier options that make them ideal for large spaces requiring a one-way plenum mask or specific lighting effects.

Key features

Tavola™ Straight, Levels & Divergent

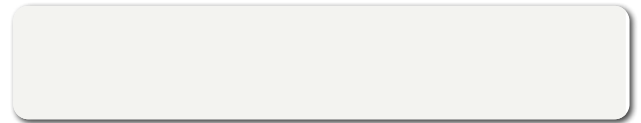
- Baffle lengths up to 4000 mm
- Baffle heights: 100, 150 and 200 mm
- Baffle widths: 30, 40 and 50 mm
- Standard length Straight and Levels carrier 5000 mm, Divergent carrier 2990 mm
- Choice of non-perforated and perforated
- On site waste reduction with factory fabricated dimensional material
- Lightweight: reduce static load on the roof structure
- Easy plenum access



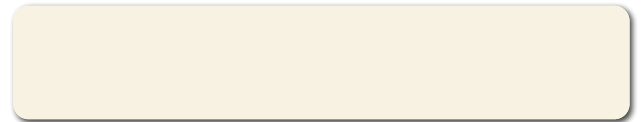
Project: Airport Vienna T2, Austria
Product: Tavola™ Straight

Colour range

Tavola™ Straight, Levels & Divergent (material base: steel)



0181 - RAL 9003



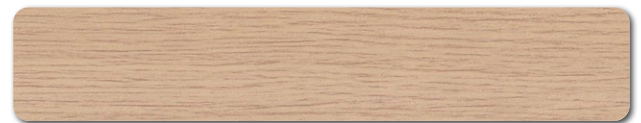
0280 - RAL 9010



1883 - RAL 9011



8920 - EUROPEAN OAK



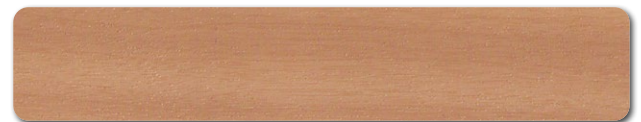
8921 - MAPLE*



8932 - VINTAGE OAK*



8945 - DOCK YARD*



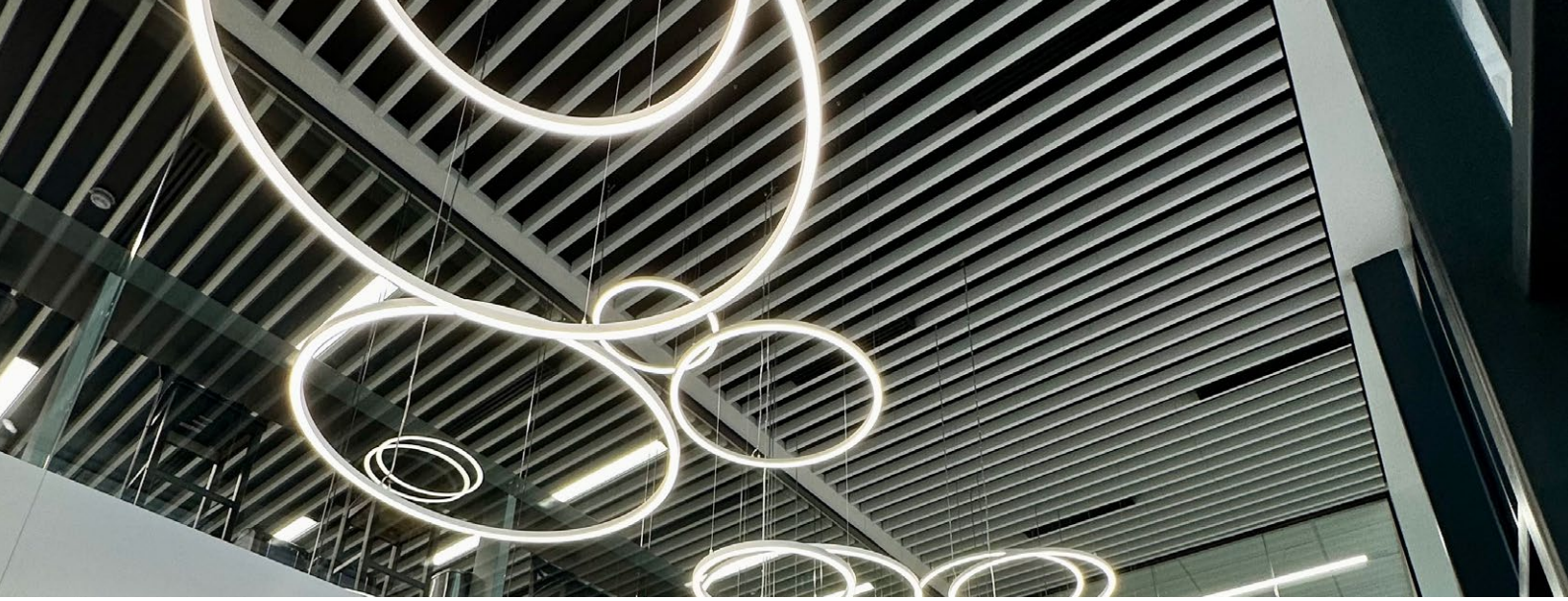
8933 - ASH*



8927 - WALNUT*

Many more custom colours and finishes are available on request.

*Non-stock colours, subject to minimum order quantities.



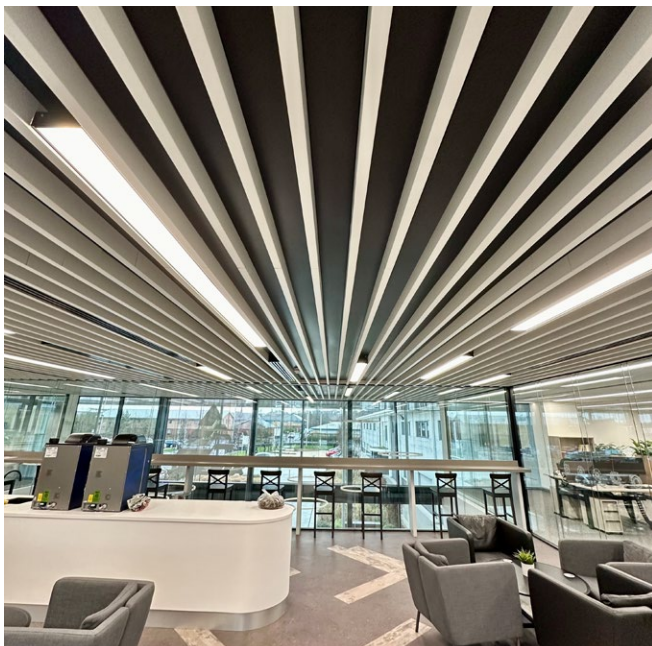
Project: Aesseal Rotherham, UK
Product: Tavola™ Closed Baffles

Tavola™ Closed Baffles

Uniting strength, sound, and style

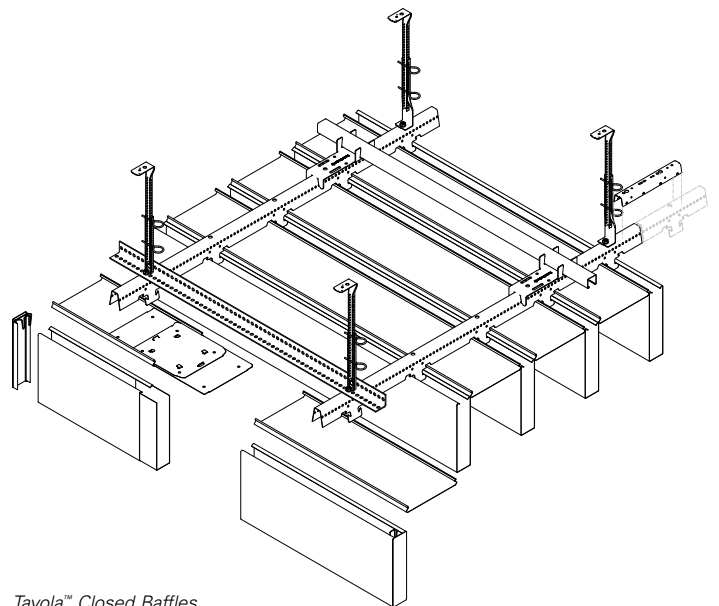
The Tavola™ Closed Baffles system features a closed ceiling design, integrating two distinct metal ceiling panels: the Tavola™ baffle and the linear panel 150C. This fusion results in a sophisticated ceiling aesthetic, surpassing the conventional open baffle ceiling in several aspects. One of the key advantages lies in its efficiency - the closed ceiling construction eliminates the need for finishing the ceiling plenum, such as painting. With the flat linear panel available in black, it hides unpainted areas for a polished finish that goes unnoticed by occupants. This system thus enhances the visual properties of a space by providing a uniform closed ceiling design that conceals any imperfections or distractions of the plenum.

As both panels can be perforated and backed with acoustic non-woven tissue, the Tavola™ Closed Baffles system delivers outstanding acoustic performance. With a wide range of colours and finishes available for both panels, from subtle to expressive, designers can create diverse and captivating ceiling designs.



Project: Aesseal Rotherham, UK
Product: Tavola™ Closed Baffles

System composition



Tavola™ Closed Baffles

Dimensions & Colours

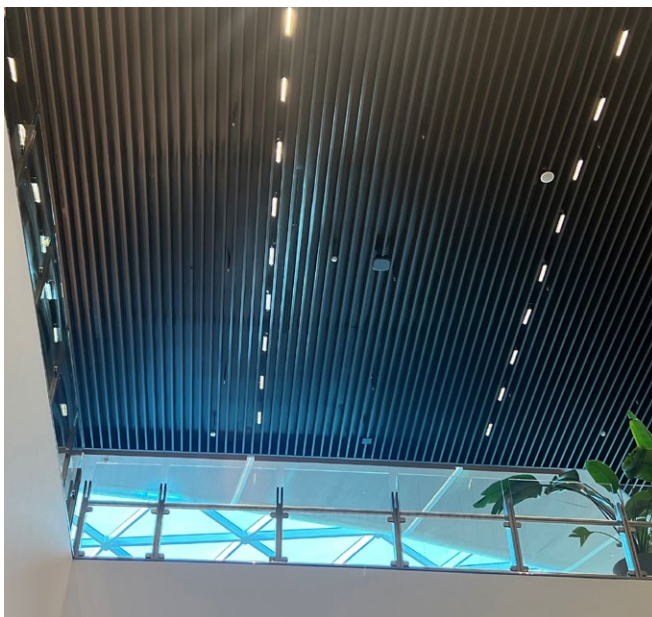
The ceiling system Tavola™ Closed Baffles is created by combining two types of aluminium panels: a baffle element with a width of 40 mm (different heights possible) and the linear panel 150C. For both panels, a perforated and non-perforated version is available.

A wide range of finishes is available including woodprint. Baffles can also be powder coated on request in any desired RAL colour (special RAL colours are subject to minimum order quantities).

Key features

Tavola™ Closed Baffles (aluminium)

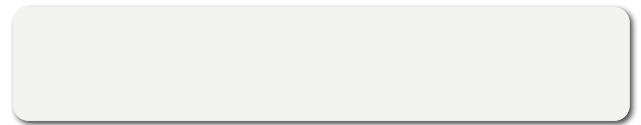
- Baffle length up to 4000 mm
- Baffle width: 40 mm
- Baffle height: 162 mm
- Plenum closed with 150C panel, resulting in a modulation of 190 mm
- Also possible in combination with a steel baffle (width 40 mm, different heights available)
- Choice of non-perforated and perforated
- Standard length carrier 5000 mm
- Lightweight: reduce static load on the roof structure



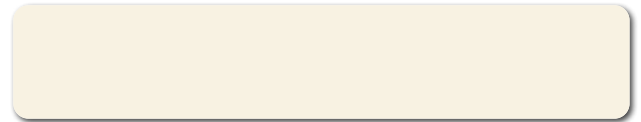
Project: Hamad International Airport, Qatar
Product: Tavola™ Closed Baffles

Colour range

Tavola™ Closed Baffles (baffle 40x162 & 150C) (material base: aluminium)



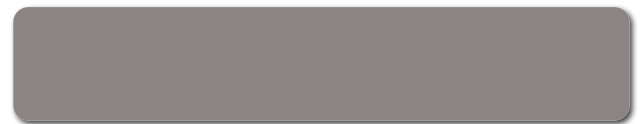
0181 - RAL 9003



0280 - RAL 9010



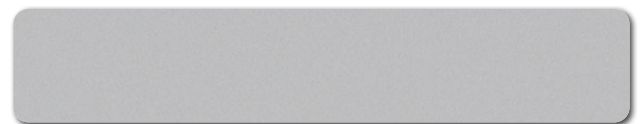
1883 - RAL 9011



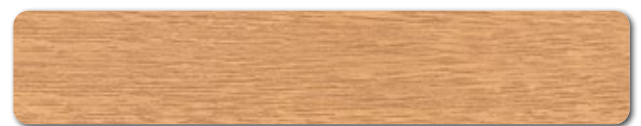
1585



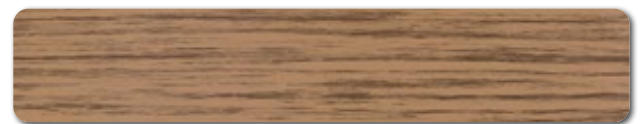
7177



7163 - RAL 9006



8602 - OAK*



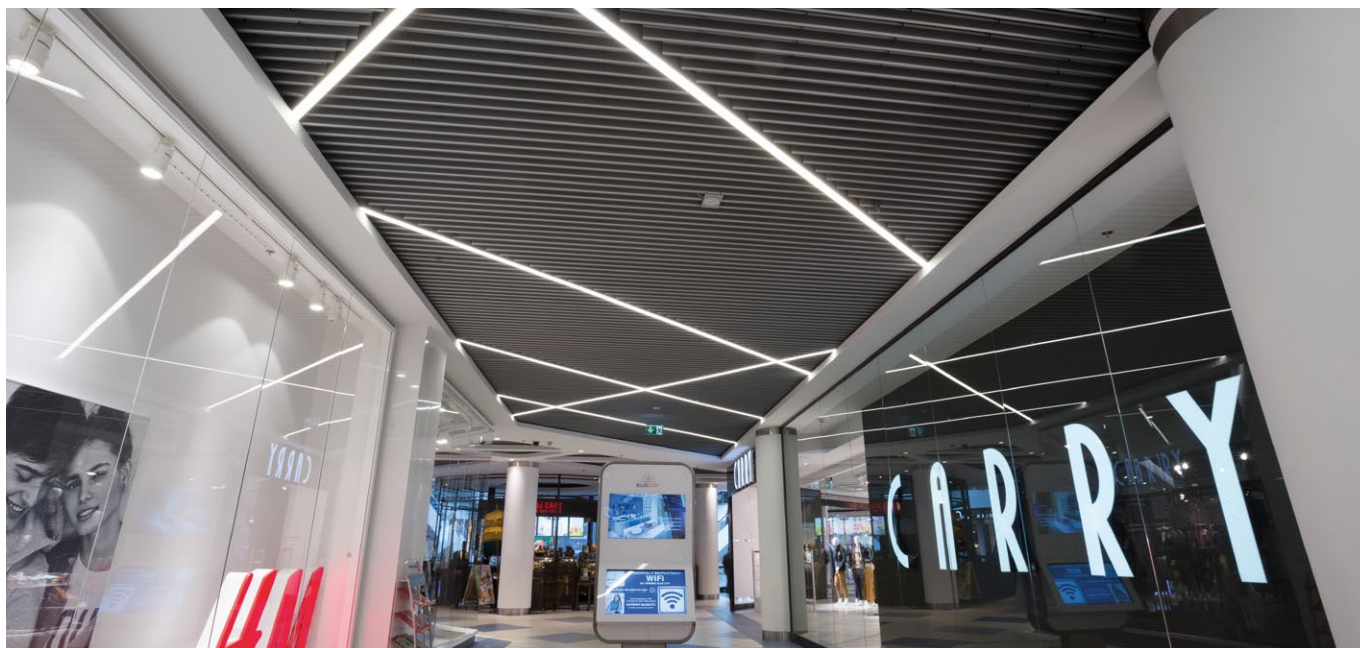
8611 - PALISSANDER*



8617 - ELM*

Many more custom colours and finishes are available on request.

*Non-stock colours, subject to minimum order quantities.

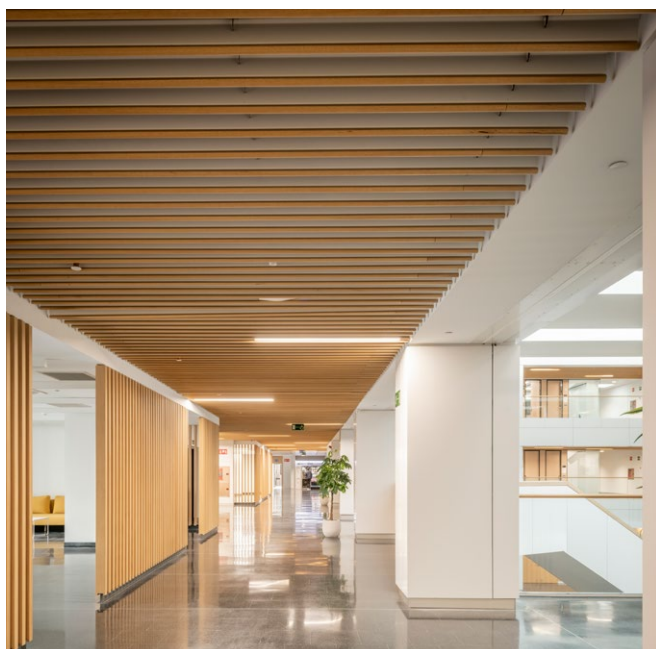


Project: Blue City shopping mall Warsaw, Poland
Product: V100

V100/V200 Screens

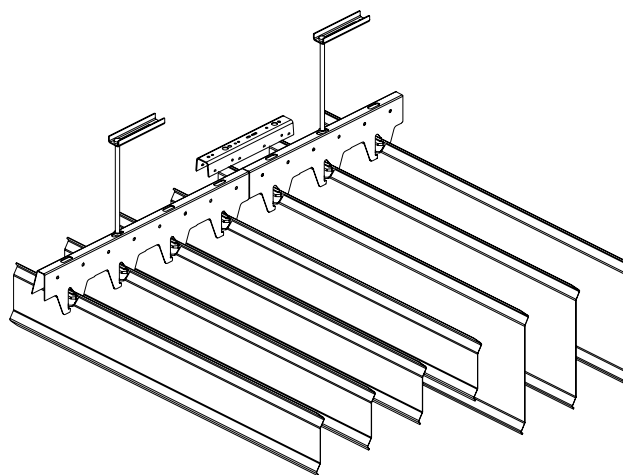
Employ smooth, unique visual patterns and lines

Luxalon® V100/V200 Screens open up new possibilities in directional room design. Consisting of vertically hung, 'floating' baffles, V100/V200 Screens employ smooth, open ceilings with unique visual patterns and lines without compromising the sense of a spacious environment. V100/V200 Screens ceilings mask the plenum while allowing easy access as well as efficient performance of air conditioning, lighting, sprinkler system. This system is ideal for visually reducing room height while retaining original room volume.



Project: ESIC Madrid, Spain
Product: V100 Deco

System composition



Luxalon® V100/V200 Screens

Dimensions & Colours

Luxalon® V100/V200 Screens are easy to install and are available in 100 and 200 mm in height with lengths up to 6000 mm.

A standard range of finishes is available, on request also in steel, or in any desired RAL or custom colour.

Key features

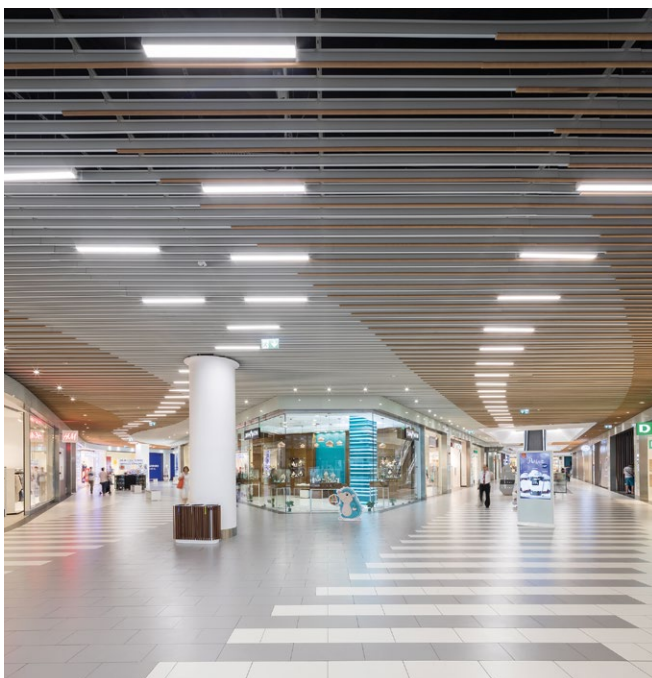
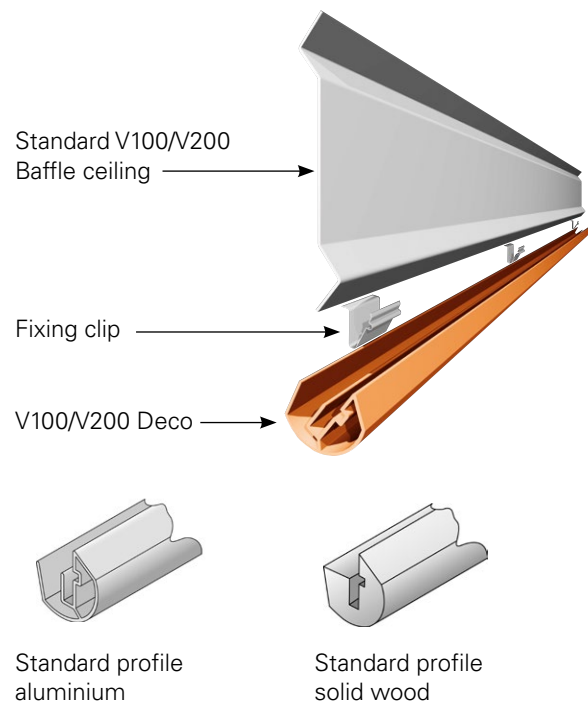
V100/V200 (DECO)

- Panel length: 800 mm up to 6000 mm
- Panel heights: 100 mm (V100); 200 mm (V200)
- Also available in exterior application (V100 only)
- On site waste reduction with factory fabricated dimensional material
- 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 panel in extruded aluminium or solid wood

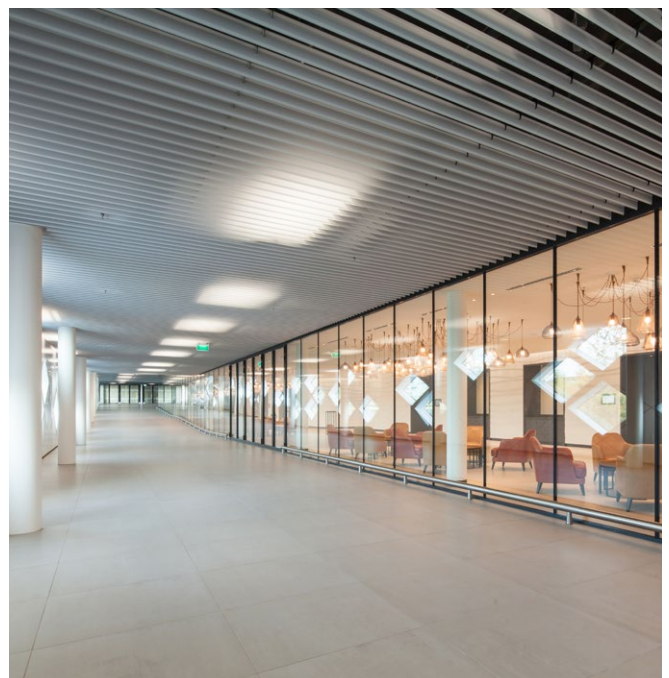
Design elements

Luxalon® V100/V200 can be provided with Deco elements which are wooden or aluminium profiles that open up new design possibilities.

Deco elements are available in stained solid wood, powder-coated or anodized extruded aluminium (all profile elements are subject to minimum order quantities). These elements are easily fixed to the baffle ceiling. You can use a standard profile design or customise your own.



Project: Shopping mall Veranda, Bucharest, Romania
Product: V100/V200 Deco
Architect: Chapman Taylor Studio 10M



Project: Hilton Schiphol, The Netherlands
Product: V100/V200
Architect: Mecanoo architecten

Specifications

Luxalon® Baffle ceilings from Hunter Douglas are ideal for visually reducing room height while maintaining original room volume. Baffle ceilings excel at diffusing daylight or artificial light entering from above.

Integrated technology

The baffle ceiling system is a modular sized system that comes with open spaces between the baffles for a smooth integration of technology. Climate control, lighting, sprinklers, smoke detectors, speaker and security systems can all be installed and maintained with ease.



Project: Ecocolor Jucu, Romania
Product: Tavola™ Straight

Physical data

- Substrate: Steel or aluminium
- Weight: Varies 4.7 - 12.3 kg/m²
- Light reflectance (LR) coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
- Acoustic ratings: α_w 0.40 - 0.65 (H)

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
- VOC emissions class A+
- Indoor Air Comfort Gold

For more information visit our website:
www.hunterdouglasarchitectural.eu



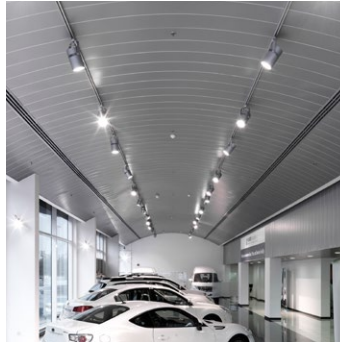
Production by
Hunter Douglas
Ceiling Center



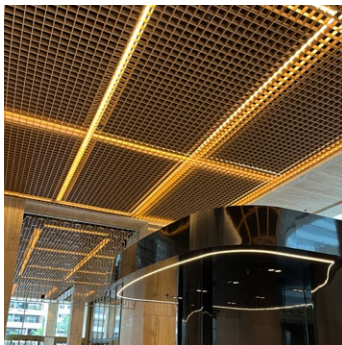
Hunter Douglas is a global player within the field of modern architecture. We understand the conflict between form and function better than anyone, and enrich the market with inspiring solutions that strengthen the aesthetics of buildings and their functionality in terms of indoor climate, energy use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



LINEAR ▲



WIDE PANEL ▲



CELL ▲



STRETCH METAL ▲

Our metal ceilings offer outstanding acoustics and unique design options, ranging from linear ceiling panels to baffle and cell ceilings.



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



All steel products are 100% recyclable at the end of their lifecycle.



All aluminium products are 100% recyclable at the end of their lifecycle.

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 creating 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.

More information

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

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CEILINGS



WALLS



SUN LOUVRES



FAÇADES



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