Designed to work for you
COVER:
Project: International Criminal Court,
The Hague, The Netherlands
Architect: Schmidt Hammer Lassen
Product: Linear 30BD and 40BD
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
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 Moneypenny Offices, Wrexham, UK
Architect: AEW Architects
Product: HeartFelt® Linear Ceilings
Project: Admix, Rotterdam, The Netherlands
Architect: Hunter Douglas Architectural
Product: HeartFelt® Linear Ceiling
HEARTFELT® CEILINGS

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

redot 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

- White 7593
- Off-White 7595
- Light Grey 7596
- Middle Grey 7597
- Dark Grey 7598
- Anthracite 7599
- Black 7594

EARTH TONES

- Creme 7575
- Light Brown 7576
- Medium Brown 7577
- Dark Brown 7578
- Umber 7579

ACOUSTICAL RATINGS - $\alpha_w$

<table>
<thead>
<tr>
<th>Module (mm)</th>
<th>Joints (mm)</th>
<th>Openness %</th>
<th>$\alpha_w$</th>
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<tbody>
<tr>
<td>M50</td>
<td>10</td>
<td>20%</td>
<td>0.70 (H)</td>
</tr>
<tr>
<td>M60</td>
<td>20</td>
<td>33%</td>
<td>0.65 (H)</td>
</tr>
<tr>
<td>M70</td>
<td>30</td>
<td>43%</td>
<td>0.60 (H)</td>
</tr>
<tr>
<td>M70*</td>
<td>30</td>
<td>43%</td>
<td>1.00 (H)</td>
</tr>
<tr>
<td>M80</td>
<td>40</td>
<td>50%</td>
<td>0.50 (H)</td>
</tr>
<tr>
<td>M90</td>
<td>50</td>
<td>55%</td>
<td>0.45 (H)</td>
</tr>
<tr>
<td>M100</td>
<td>60</td>
<td>60%</td>
<td>0.45 (H)</td>
</tr>
</tbody>
</table>

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

SOLID WOOD

The Solid Wood Linear panels offer a real wood, acoustic solution for any project.

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: $\alpha_w$ 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
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 - Product: 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 species.

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 ± 350 x 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: \( \alpha_w \) 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
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

<table>
<thead>
<tr>
<th>Wood Species</th>
<th>Wood Species</th>
<th>Wood Species</th>
<th>Wood Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accoya</td>
<td>American White Oak</td>
<td>Siberian Larch</td>
<td>African Ayous</td>
</tr>
<tr>
<td>Yellow Poplar</td>
<td>American Ash</td>
<td>European Oak</td>
<td>American Red Oak</td>
</tr>
<tr>
<td>European Pine</td>
<td>Cherry</td>
<td>Oregon Pine</td>
<td>Cambara</td>
</tr>
<tr>
<td>Merbau</td>
<td>Mahogany</td>
<td>Western Red Cedar</td>
<td>American Walnut</td>
</tr>
</tbody>
</table>

### BAMBOO

| Bamboo SP Natural   | Bamboo SP Caramel   | Bamboo DT Caramel   |
The cassette system allows quick installation and is the ideal system when demountability is a key factor.

**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 $\alpha_{w} 0.50$
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
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.

**WOOD SOLUTIONS**

**LINEAR VENEERED WOOD**

**COLOURS AND FINISHES**

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

### Organic Veneers

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

### Organic Dyed Veneers

Ash BF 001  
Ash BF 002  
Ash BF 049  
Ash BF 060  
Bolivar EB 064  
Walnut EA193

### Engineered Veneers

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 ± 300 x 2700 mm or cassettes in 600/1200 x 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
**VENEERED WOOD**

**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

**PHYSICAL DATA**

Acoustic rating: Up to $\alpha_W 0.85$

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
WOOD SOLUTIONS

WOODS

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 type shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.

<table>
<thead>
<tr>
<th>American Maple</th>
<th>American Red Oak</th>
<th>American Walnut</th>
<th>American/ European Oak</th>
<th>European Ash</th>
<th>European Birch</th>
<th>Pine</th>
<th>Steamed Beech</th>
</tr>
</thead>
</table>

ORGANIC DYED VENEERS

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

<table>
<thead>
<tr>
<th>Ash BF 001</th>
<th>Ash BF 002</th>
<th>Ash BF 049</th>
<th>Birch BG 046</th>
<th>Birds Eye Maple E 069</th>
<th>Bolivar EB 064</th>
<th>Walnut EA193</th>
</tr>
</thead>
</table>

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.

<table>
<thead>
<tr>
<th>Oak</th>
<th>Wenge</th>
<th>Birch</th>
<th>Rosewood</th>
<th>Teak</th>
<th>Walnut</th>
<th>Cherry</th>
<th>Zingana</th>
</tr>
</thead>
</table>

SPECIALS

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

Banana trunk veneers

<table>
<thead>
<tr>
<th>Grenada</th>
<th>Porto Rico</th>
<th>Martinique</th>
<th>St Barth</th>
<th>Aruba</th>
<th>Barbados</th>
<th>Anguilla</th>
<th>Dominica</th>
</tr>
</thead>
</table>

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 \( \alpha_{w} 0.95 \)**
- **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.

PHYSICAL DATA
Acoustic rating: Up to $\alpha_{\text{w}} = 0.95$
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
WOOD SOLUTIONS

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 type shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during its lifetime, making each veneer unique.

<wood species images>

ORGANIC DYED VENEERS

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

<wood species images>

ENGINEERED VENEERS

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

<wood species images>

SPECIALS

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

Banana trunk veneers

<wood species images>

Engineered special veneers

<wood species images>

• 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
Topline® is the ideal solution to accommodate the acoustic requirements in three different ways: sound absorption, deflection or diffusion.

**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
**WOOD SOLUTIONS**

**VENEERED WOOD**

**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 $\alpha_{W} 0.90$  
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
WOOD SOLUTIONS

TOPLINE®

VENEERED WOOD

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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.
Wood Solutions

Veneered Wood

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.

**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
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)**
WOOD SOLUTIONS  LINEAR / BAFFLES / PLANK  METAL WOODPRINT

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

![Tone 8476: Cedar](#)  ![Tone 8474: Pine](#)  ![Tone 8494: Oak](#)  ![Tone 8492: Birch](#)  ![Tone 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.

![Woodprint 8426: Fonthill Cherry](#)  ![Woodprint 8424: Walnut](#)  ![Woodprint 8435: Amber Bamboo](#)  ![Woodprint 8444: African Wenge](#)  ![Woodprint 8437: Grey Barnwood](#)  ![Woodprint 8436: Fir 8436](#)  ![Woodprint 8439: American Oak](#)  ![Woodprint 8442: Cajun Cypress](#)  ![Woodprint 8444: Swamp Cypress](#)  ![Woodprint 8446: Clipper Teak](#)  ![Woodprint 8449: Windjammer Teak](#)  ![Woodprint 8452: Douglas Fir](#)  ![Woodprint 8453: Anigre](#)  ![Woodprint 8458: Farm Maple](#)  ![Woodprint 8460: Caravel Teak](#)  ![Woodprint 8461: Regatta Teak](#)  ![Woodprint 8465: Summer Maple](#)  ![Woodprint 8466: Terrace Maple](#)  ![Woodprint 8487: Red River Pecan](#)  ![Woodprint 8468: Bayou Pecan](#)  ![Woodprint 8489: Northwest Mountain Hemlock](#)  ![Woodprint 8498: Whitewash](#)  ![Woodprint 8939: Rustic Cherry](#)  ![Woodprint 8942: Cherry](#)

LAMINATED (FILM) WOOD OPTIONS
Pre-painted coil with a PVC film finish, for interior only.

![Laminate 8920: Oak](#)  ![Laminate 8921: Maple](#)  ![Laminate 8922: Cherry](#)  ![Laminate 8925: Cypress](#)  ![Laminate 8931: Grey Cedar](#)  ![Laminate 8923: Teak](#)  ![Laminate 8924: Whitewash](#)  ![Laminate 8927: Walnut](#)

COIL COATED WOOD-LOOK OPTIONS
Coil-coated paint finishes are suitable for interior applications.

![Woodprint 8928: Cherry](#)  ![Woodprint 8929: Teak](#)  ![Woodprint 8930: Dark Walnut](#)
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 808 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.

**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.

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Size</th>
<th>Openness</th>
<th>Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1522</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
<td>11%</td>
</tr>
<tr>
<td>D2022</td>
<td>Ø 2 mm</td>
<td>22%</td>
<td>11%</td>
</tr>
<tr>
<td>R1511</td>
<td>Ø 1.5 mm</td>
<td>11%</td>
<td>22%</td>
</tr>
<tr>
<td>R2011</td>
<td>Ø 2 mm</td>
<td>11%</td>
<td>22%</td>
</tr>
<tr>
<td>R2516</td>
<td>Ø 2.5 mm</td>
<td>16%</td>
<td>22%</td>
</tr>
</tbody>
</table>

**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:** $\alpha_w$ 0.55-0.90: See page 352

**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

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

<table>
<thead>
<tr>
<th>Standard Colour</th>
<th>RAL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0181</td>
<td>RAL 9003</td>
</tr>
<tr>
<td>0106</td>
<td>RAL 9016</td>
</tr>
<tr>
<td>0280</td>
<td>RAL 9010</td>
</tr>
<tr>
<td>7163</td>
<td>RAL 9006</td>
</tr>
</tbody>
</table>

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
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.

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: $\alpha_w$ 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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CERTIFICATIONS
TAIM QS
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<td>0106</td>
<td>9016</td>
</tr>
<tr>
<td>0280</td>
<td>0280</td>
<td>9010</td>
</tr>
<tr>
<td>7163</td>
<td>7163</td>
<td>9006</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin</td>
<td>7772C</td>
</tr>
<tr>
<td>Brushed</td>
<td>7774C</td>
</tr>
<tr>
<td>Bright</td>
<td>7776C</td>
</tr>
<tr>
<td>Mirror</td>
<td>7778C</td>
</tr>
</tbody>
</table>
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**

![Typical Sections Diagram]

**PERFORATION PATTERNS**

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

<table>
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<tr>
<th>Pattern</th>
<th>Diameter</th>
<th>Openness</th>
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<tbody>
<tr>
<td>D1522</td>
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</tr>
<tr>
<td>D2022</td>
<td>Ø 2.0 mm</td>
<td>22%</td>
</tr>
<tr>
<td>R1511</td>
<td>Ø 1.5 mm</td>
<td>11%</td>
</tr>
<tr>
<td>R2011</td>
<td>Ø 2.0 mm</td>
<td>11%</td>
</tr>
<tr>
<td>R2516</td>
<td>Ø 2.5 mm</td>
<td>16%</td>
</tr>
</tbody>
</table>

**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: $\alpha_w$ 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
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<td>7163</td>
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<td>9006</td>
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</table>

CUSTOM COLOURS

![Custom Colour Swatches]

DECORATED WOOD-LOOK OPTIONS

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

![Decorated Wood-LOOK Options]

LAMINATED (FILM) WOOD OPTIONS

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

![Laminated Film Wood Options]

COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

![Coil Coated Wood-LOOK Options]

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish

![Stainless Steel Options]
METAL CEILINGS

ALPHA SD2
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.

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</tr>
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<td>11%</td>
</tr>
<tr>
<td>R2011</td>
<td>Ø 2 mm</td>
<td>11%</td>
</tr>
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- RAL9010: LR = 0.81  
**Acoustic ratings:** $\alpha_w=0.55-0.90$: See page 352

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

**LEED V4 CREDITS**

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**EQ** : Daylight  
**EQ** : Acoustic Performance

**CERTIFICATIONS**

**TAIM QS**  
French VOC Regulation: Class A
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<td>0181</td>
<td>9003</td>
</tr>
<tr>
<td>0106</td>
<td>9016</td>
</tr>
<tr>
<td>0280</td>
<td>9010</td>
</tr>
<tr>
<td>7163</td>
<td>9006</td>
</tr>
</tbody>
</table>

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.
METAL CEILINGS

ALPHA SD3
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.

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: \( \alpha_w \) 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>0181</td>
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<td>0280</td>
<td>RAL 9010</td>
</tr>
<tr>
<td>7163</td>
<td>RAL 9006</td>
</tr>
</tbody>
</table>

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: Poortvrie 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.


**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

**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:** $\alpha_w$ 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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**CERTIFICATIONS**
TAIM QS
French VOC Regulation: Class A
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### Standard Paint Colours

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
<th>RAL Code</th>
</tr>
</thead>
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<td>RAL 9016</td>
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<td>RAL 9010</td>
</tr>
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<td>RAL 9006</td>
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### Custom Colours

<table>
<thead>
<tr>
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<th>Code</th>
<th>RAL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0106</td>
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<td>RAL 9003</td>
</tr>
<tr>
<td>7163</td>
<td></td>
<td>RAL 9006</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Size</th>
<th>Openness</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1522</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
</tr>
<tr>
<td>D2022</td>
<td>Ø 2 mm</td>
<td>22%</td>
</tr>
<tr>
<td>R1511</td>
<td>Ø 1.5 mm</td>
<td>11%</td>
</tr>
<tr>
<td>R2011</td>
<td>Ø 2 mm</td>
<td>11%</td>
</tr>
<tr>
<td>R2516</td>
<td>Ø 2.5 mm</td>
<td>16%</td>
</tr>
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</table>

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: $\alpha_w$ 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.

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.

**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: $\alpha_w = 0.55-0.90$: 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**

TAI/M QS
French VOC Regulation: Class A
COLOURS AND FINISHES

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STANDARD PAINT COLOURS

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
<th>Code</th>
<th>Colour</th>
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<td>RAL 9016</td>
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CUSTOM COLOURS

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
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<tbody>
<tr>
<td>0106</td>
<td>RAL 9016</td>
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<tr>
<td>0108</td>
<td>RAL 9018</td>
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</table>

DECORATED WOOD-LOOK OPTIONS

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

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fonthill Cherry</td>
<td>8426</td>
</tr>
<tr>
<td>Walnut</td>
<td>8424</td>
</tr>
<tr>
<td>Amber Bamboo</td>
<td>8435</td>
</tr>
<tr>
<td>African Wenge</td>
<td>8944</td>
</tr>
<tr>
<td>Grey Barnwood</td>
<td>8437</td>
</tr>
<tr>
<td>Cedar 8437</td>
<td></td>
</tr>
<tr>
<td>Golden Douglas</td>
<td>8439</td>
</tr>
<tr>
<td>American Oak</td>
<td>8440</td>
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<tr>
<td>Cajun Cypress</td>
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<tr>
<td>Swamp Cypress</td>
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<tr>
<td>Clipper Teak</td>
<td>8448</td>
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<tr>
<td>Windjammer Teak</td>
<td>8449</td>
</tr>
<tr>
<td>Douglas Fir</td>
<td>8452</td>
</tr>
<tr>
<td>Anigre 8453</td>
<td></td>
</tr>
<tr>
<td>Farm Maple</td>
<td>8458</td>
</tr>
<tr>
<td>Caravel Teak</td>
<td>8460</td>
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<tr>
<td>Regatta Teak</td>
<td>8461</td>
</tr>
<tr>
<td>Summer Maple</td>
<td>8465</td>
</tr>
<tr>
<td>Terrace Maple</td>
<td>8466</td>
</tr>
<tr>
<td>Red River Pecan</td>
<td>8467</td>
</tr>
<tr>
<td>Bayou Pecan</td>
<td>8468</td>
</tr>
<tr>
<td>Northwest Mountain Hemlock</td>
<td>8489</td>
</tr>
<tr>
<td>Whitewash</td>
<td>8498</td>
</tr>
<tr>
<td>Rustic Cherry</td>
<td>8939</td>
</tr>
<tr>
<td>Cherry</td>
<td>8942</td>
</tr>
</tbody>
</table>

LAMINATED (FILM) WOOD OPTIONS

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

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oak</td>
<td>8920</td>
</tr>
<tr>
<td>Maple</td>
<td>8921</td>
</tr>
<tr>
<td>Cherry</td>
<td>8922</td>
</tr>
<tr>
<td>Cypress</td>
<td>8925</td>
</tr>
<tr>
<td>Grey Cedar</td>
<td>8931</td>
</tr>
<tr>
<td>Teak</td>
<td>8923</td>
</tr>
<tr>
<td>Whitewash</td>
<td>8924</td>
</tr>
<tr>
<td>Walnut</td>
<td>8927</td>
</tr>
</tbody>
</table>

COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry</td>
<td>8928</td>
</tr>
<tr>
<td>Teak</td>
<td>8929</td>
</tr>
<tr>
<td>Dark Walnut</td>
<td>8930</td>
</tr>
</tbody>
</table>

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Satin</td>
<td>7772C</td>
</tr>
<tr>
<td>Brushed</td>
<td>7774C</td>
</tr>
<tr>
<td>Bright</td>
<td>7776C</td>
</tr>
<tr>
<td>Mirror</td>
<td>7778C</td>
</tr>
</tbody>
</table>

90 | hunterdouglasarchitectural.eu
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)

Maximun 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.

**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:** $\alpha_w$ 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

<table>
<thead>
<tr>
<th>Colour</th>
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</thead>
<tbody>
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<td>9010</td>
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<td>9006</td>
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CUSTOM COLOURS

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<td>0280</td>
<td>9010</td>
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DECORATED WOOD-LOOK OPTIONS

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

<table>
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<td>8437</td>
</tr>
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<td>Cedar</td>
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<tr>
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<td>Fir</td>
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</tr>
<tr>
<td>American Oak</td>
<td>8442</td>
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<td>Hemlock</td>
<td>8489</td>
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<tr>
<td>Whitewash</td>
<td>8498</td>
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<tr>
<td>Rustic Cherry</td>
<td>8939</td>
</tr>
<tr>
<td>Cherry</td>
<td>8942</td>
</tr>
</tbody>
</table>

LAMINATED (FILM) WOOD OPTIONS

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

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Whitewash</td>
<td>8924</td>
</tr>
<tr>
<td>Walnut</td>
<td>8927</td>
</tr>
</tbody>
</table>

COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Cherry</td>
<td>8928</td>
</tr>
<tr>
<td>Teak</td>
<td>8929</td>
</tr>
<tr>
<td>Dark Walnut</td>
<td>8930</td>
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<tr>
<td>Satin</td>
<td>7772C</td>
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<tr>
<td>Brushed</td>
<td>7774C</td>
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<tr>
<td>Bright</td>
<td>7776C</td>
</tr>
<tr>
<td>Mirror</td>
<td>7778C</td>
</tr>
</tbody>
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STAINLESS STEEL OPTIONS

Object shows reflectivity of finish.

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
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<tbody>
<tr>
<td>Satin</td>
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<tr>
<td>Brushed</td>
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<td>Bright</td>
<td>7776C</td>
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<tr>
<td>Mirror</td>
<td>7778C</td>
</tr>
</tbody>
</table>
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

---

**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:** $\alpha_w = 0.55-0.90$: See page 352

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

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**PERFORATION PATTERNS**

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

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**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

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CUSTOM COLOURS

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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.

**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.

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: $\alpha_w$ 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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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

![Typical Isometrics Diagram]

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

**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:** $\alpha_W 0.55$-0.90: See page 352

**BIM**

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

**PERFORATION PATTERNS**

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

![Perforation Patterns]

**LEED V4 CREDITS**

- **EA:** Optimise Energy Performance
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- **EQ:** Indoor Air Quality Assessment
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**CERTIFICATIONS**

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- French VOC Regulation: Class A
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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
**METAL CEILINGS**

**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

**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: $\alpha_w$ 0.55-0.90: See page 352

**TYPICAL SECTIONS**

**PERFORATION PATTERNS**

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

**LEED V4 CREDITS**

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

**CERTIFICATIONS**

TAIM QS
French VOC Regulation: Class A

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

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.

**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

---

**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: $\alpha_W 0.55-0.90$: See page 352

**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
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**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
STRETCH METAL
TILES (LAY-IN / LAY-ON)

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

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

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

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

---

**TYPICAL SECTIONS**

Lay-In  
M = M  

Lay-On  
M = M

---

**MESH PATTERNS**

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

- **LS6 (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:** $\alpha_w = 0.55-1.00$: See page 353

---

**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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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

---

**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: $\alpha_w = 0.55-1.00$: See page 353

**LEED V4 CREDITS**

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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

---

**TYPICAL SECTIONS**

---

**MESH PATTERNS**

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

---

**BIM**

REVIT files available for BIM contributions, see website for details.
COLOURS AND FINISHES

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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.

**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.

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: $\alpha_w$, 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

<table>
<thead>
<tr>
<th>Code</th>
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<th>Code</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0181</td>
<td>0106</td>
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<td>7163</td>
</tr>
<tr>
<td>RAL 9003</td>
<td>RAL 9016</td>
<td>RAL 9010</td>
<td>RAL 9006</td>
</tr>
</tbody>
</table>

CUSTOM COLOURS
PROJECT: Royal Wilanów office building, Warsaw, Poland - Product: Stretch Metal Alpha (Hook-On Singular Type 1) - Architect: JEMS Architekci
STRETCH METAL
BETA A (HOOK-ON SINGULAR TYPE 2)

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

<table>
<thead>
<tr>
<th>Mesh Patterns</th>
<th>Min. Width</th>
<th>Max. Width</th>
<th>Min. Length</th>
<th>Max. Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York</td>
<td>340 mm</td>
<td>680 mm</td>
<td>595 mm</td>
<td>2800 mm</td>
</tr>
<tr>
<td>Dubai</td>
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<td>2783 mm</td>
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<tr>
<td>Moscow</td>
<td>308 mm</td>
<td>588 mm</td>
<td>600 mm</td>
<td>2800 mm</td>
</tr>
<tr>
<td>Rotterdam</td>
<td>300 mm</td>
<td>600 mm</td>
<td>600 mm</td>
<td>2800 mm</td>
</tr>
</tbody>
</table>
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: 2.8/3.4 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

TA/M QS
French VOC Regulation: Class A
COLOURS AND FINISHES

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STANDARD PAINT COLOURS

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
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</thead>
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</tr>
<tr>
<td>0280</td>
<td>RAL 9010</td>
</tr>
<tr>
<td>7163</td>
<td>RAL 9006</td>
</tr>
</tbody>
</table>

CUSTOM COLOURS

Colours are for illustration purposes only.
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.

<table>
<thead>
<tr>
<th>Mesh Pattern</th>
<th>Description</th>
<th>Open area</th>
<th>Thickness</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD6 (Fe)</td>
<td>Open area 40%, Thickness 1.7 mm</td>
<td>6 x 3.5 - 1.1 x 0.8</td>
<td>1.6 kg/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS6 (Fe)</td>
<td>Open area 36%, Thickness 1.7 mm</td>
<td>6 x 4.5 - 1.2 x 1.0</td>
<td>1.3 kg/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS8 (Fe+Al)</td>
<td>Open area 54%, Thickness 1.9 mm</td>
<td>8 x 6.0 - 1.2 x 1.0</td>
<td>1.7 kg/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS10 (Fe)</td>
<td>Open area 57%, Thickness 2.0 mm</td>
<td>10 x 7.0 - 1.5 x 1.0</td>
<td>1.3 kg/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS12 (Fe+Al)</td>
<td>Open area 66%, Thickness 2.0 mm</td>
<td>12 x 9.5 - 1.6 x 1.0</td>
<td>1.7 kg/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS16 (Fe)</td>
<td>Open area 46%, Thickness 2.0 mm</td>
<td>16 x 11.0 - 3.0 x 2.0</td>
<td>2.0 kg/m²</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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:** αₜₐₚₐₜ 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**

TAI/M QS  
French VOC Regulation: Class A
COLOURS AND FINISHES

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STANDARD PAINT COLOURS

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>RAL 9003</th>
<th>RAL 9016</th>
<th>RAL 9010</th>
<th>RAL 9006</th>
</tr>
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<tbody>
<tr>
<td>0181</td>
<td>0106</td>
<td>0280</td>
<td>7163</td>
<td></td>
</tr>
</tbody>
</table>

CUSTOM COLOURS
Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Beta B (Hook-On Continuous Type 1) - Architect: JSK
STRETCH METAL
BETA B (HOOK-ON CONTINUOUS TYPE 2)

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

<table>
<thead>
<tr>
<th>Mesh Patterns</th>
<th>Min. Width</th>
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<tr>
<td>Rotterdam</td>
<td>300 mm</td>
<td>600 mm</td>
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<td>2800 mm</td>
</tr>
</tbody>
</table>
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: $\alpha_W$ 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
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EQ : Acoustic Performance

CERTIFICATIONS

TAIM QS
French VOC Regulation: Class A
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<td>9010</td>
</tr>
<tr>
<td>7163</td>
<td>9006</td>
</tr>
</tbody>
</table>

CUSTOM COLOURS
METAL CEILINGS

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.

---

**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: $\alpha_w$ 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

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**CERTIFICATIONS**

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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
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.

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: $\alpha_w$, 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

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 Wenge 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, Tavemola, 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.

**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.

**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: $\alpha_w$ 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 |

SPARKLING MICA

| Onyx White | White Purple | 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 Wenge | 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: 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.

**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.

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: $\alpha_w$ 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
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

<table>
<thead>
<tr>
<th>Traffic White</th>
<th>Stone Grey</th>
<th>Anthracite Grey</th>
<th>Marine Blue</th>
<th>Neutron Red</th>
</tr>
</thead>
</table>

### SPARKLING MICA

<table>
<thead>
<tr>
<th>Onyx White</th>
<th>White Purple</th>
<th>Onyx White</th>
<th>Silver</th>
<th>Pyrite Gold</th>
<th>Silver</th>
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<th>Green</th>
<th>Amethyst Purple</th>
<th>Red</th>
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</table>

### NATURAL - ANODISED ALUMINIUM

<table>
<thead>
<tr>
<th>Bright Brushed</th>
<th>Anodised Brushed</th>
<th>Champagne Brushed</th>
<th>New Gold Brushed</th>
<th>Redzinc Brushed</th>
</tr>
</thead>
</table>

### AMAZING METALLIC

<table>
<thead>
<tr>
<th>Brilliant Silver Metallic</th>
<th>Brilliant Champagne Metallic</th>
<th>Dark Anthracite Metallic</th>
<th>Pearl Beige Metallic</th>
<th>Dark Copper Metallic</th>
</tr>
</thead>
</table>

### DESIGNS AND SPECIALS

<table>
<thead>
<tr>
<th>Travertin Classic</th>
<th>Royal Wenge</th>
<th>Titanzinc Futura</th>
<th>Carbon Zoom</th>
<th>Perforated Metal</th>
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</table>

Buildings are defined by form and design. Often they are the product of an architect’s 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.
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.

**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.

 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: αw 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
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

**SPARKLING MICA**

Onyx White  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 Wenge  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.
METAL CEILINGS

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
METAL CEILINGS

**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.

**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:** $\alpha_w$ 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

**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 Walesa 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.

**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
300C/300L LAY-ON

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

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: $\alpha_w$ 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

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

(Standard 1:1)

300C

(Typical 300L Perforations)

300L

(Plain)

D1523
Ø 1.5 mm
5.2 Openness 23%

D2016
Ø 2 mm
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

(Typical Sections)

(Scale 1:3)
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

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WARM WHITES

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METALS

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<td>7007</td>
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<td>7178</td>
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<td>7113</td>
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CUSTOM COLOURS
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 bandraster configuration with V- or square joint detail give easy access to the plenum.

Project: Brezan automaterialen, Ede, Nederland - Product: Wide Panel 300C/300L (Bandraster) - 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)

---

**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:** $\alpha_w$ 0.75: See page 352

**BIM**

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

---

**PERFORATION PATTERNS**

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

- **Plain**
  - D1923  
  - Ø 1.5 mm  
  - Openness 23%

- **D2016**  
  - Ø 2 mm  
  - Openness 8.66%

- **300C**  
  - Ø 1.5 / 2.0 mm  
  - A = 8.5 mm

- **300L**  
  - Ø 1.5 / 2.0 mm  
  - A = 8.5 mm

---

**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

NATURE TONES

- 1585
- 4648
- 0785
- 0735
- 1883 ±RAL 9011

WARM WHITES

- 0280 ±RAL 9010
- 0585
- 0684

METALS

- 7163
- 7007
- 7178
- 7113

CUSTOM COLOURS
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.

**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

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

**METAL CEILINGS**

**300C/300L C-GRID**

**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:** \( \alpha _{w} 0.75 \): 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

**PERFORATION PATTERNS**

Standard patterns shown. See page 350 for all perforation patterns.

Scale shown: 1:1, unless otherwise noted.

- **Plain**
  - D1923
    - Ø 1.5 mm
    - Openness 23%
  - D2016
    - Ø 2 mm
    - Openness 16%

- **300C**

  - Ø 1.5 / 2.0 mm A = 8.5 mm
  - 300C

- **300L**

  - Ø 1.5 / 2.0 mm A = 8.5 mm
  - 300L
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

**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

**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: $\alpha_w$ 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

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#### 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

- Satin 7772C
- Brushed 7774C
- Bright 7776C
- Mirror 7778C
METAL CEILINGS

TAVOLA™ STRAIGHT

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

TAVOLA™ (LEVELS)

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.

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: $\alpha_w$ = 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

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CUSTOM COLOURS

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DECORATED WOOD-LOOK OPTIONS

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

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LAMINATED (FILM) WOOD OPTIONS

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

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<tr>
<td>8923</td>
<td>Teak</td>
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</tr>
<tr>
<td>8924</td>
<td>Whitewash</td>
<td></td>
</tr>
<tr>
<td>8927</td>
<td>Walnut</td>
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COIL COATED WOOD-LOOK OPTIONS

Coil-coated paint finishes are suitable for interior applications.

<table>
<thead>
<tr>
<th>Colour</th>
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<tbody>
<tr>
<td>Cherry</td>
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<td>Teak</td>
<td>8929</td>
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<td>Dark Walnut</td>
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STAINLESS STEEL OPTIONS

Object shows reflectivity of finish

<table>
<thead>
<tr>
<th>Finish</th>
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<tbody>
<tr>
<td>Satin</td>
<td>7772C</td>
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<tr>
<td>Brushed</td>
<td>7774C</td>
</tr>
<tr>
<td>Bright</td>
<td>7776C</td>
</tr>
<tr>
<td>Mirror</td>
<td>7778C</td>
</tr>
</tbody>
</table>
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.

**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.

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: $a_w$ 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

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<tr>
<td>7163</td>
<td>7163 RAL 9006</td>
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</table>

### CUSTOM COLOURS

[Image showing a rainbow of 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 8437
- Golden Douglas Fir 8439
- American Oak 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: 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.

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

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CUSTOM COLOURS

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<tbody>
<tr>
<td>0280</td>
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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: 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.

**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
**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

---

**TYPICAL ISOMETRICS**

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

---

**TYPICAL SECTIONS**

1 = V100 panel
2 = V200 panel
3 = Decoprofile extruded aluminium (optional)
4 = Decoprofile Solid wood (optional)
5 = Carrier
6 = Hanger
7 = Carrier splice
8 = Panel fixing clip

---

**METAL CEILINGS**

**V100/V200**

**PHYSICAL DATA LEED V4 CREDITS**

**TYPICAL ISOMETRICS**

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

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STANDARD PAINT COLOURS (CELL50E)

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COOL WHITES

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NATURE TONES

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WARM WHITES

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METALS

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WOOD TONES

(only Cell 50)

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<tr>
<td>8474</td>
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<td>8494</td>
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<td>8492</td>
<td>Birch</td>
</tr>
<tr>
<td>8472</td>
<td>Palisander</td>
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Project: Planton Afmijzoal, Ede, the Netherlands - Product: Cell 40/50/50E - Architect: Bredtels 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

**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 | 1883 | 7163 |
| ±RAL 9003 | ±RAL 9011 | ±RAL 9006 |

CUSTOM COLOURS
Project: Port Łódz shopping mall, Łódz, 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

**TYPICAL SECTIONS**

- **Type Focal**: the face is flat
- **Type Wave**: the face is undulating
- **Type Crête**: the face has an angular pattern
- **Type 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.

**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
**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

---

**TYPICAL ISOMETRICS**

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

---

**TYPICAL SECTIONS**
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

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<tr>
<td>7163</td>
<td>7163</td>
<td>9006</td>
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</table>

CUSTOM COLOURS
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.

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:** $\alpha_w = 0.75$: 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

CUSTOM COLOURS

NATURE TONES

WARM WHITES

METALS

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

MULTIPANEL

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.

**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:** $\alpha_w$ 0.55 - 0.76; 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

### 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

---

**CUSTOM COLOURS**

---
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.

**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

Project: Chisinau airport, Republic of Moldavia - Product: Linear 80BXD/130BXD - Architect: Vladimir Pinzaru (Arhform)
### 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:** $\alpha_w = 0.75$: See page 352

### 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

---

**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**

80BXD  
130BXD

---

**PERFORATION PATTERNS**

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

---

**Plain**

D1923  
Ø 1.5 mm  
$\frac{2}{5}, \frac{2}{5}$  
Openness 23%

---

**D1923**

Ø 1.5 mm: $A = 17$ mm  
80BXD/130BXD

---

**BIM**

REVIT files available, see website for details.
COLOURS AND FINISHES

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COOL WHITES

0181  ±RAL 9003
0106  ±RAL 9016
0299
0179

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

---

**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:** $\alpha_w$ 0.75: See page 352

---

**TYPICAL SECTIONS**

---

**PERFORATION PATTERNS**

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

---

**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

---

**REVIT files available, see website for details.**
COLOURS AND FINISHES

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COOL WHITES

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NATURE TONES

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METALS

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WOOD TONES

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<td>8472</td>
<td>Palisander</td>
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The Linear Closed ceiling system combines three widths of panels, distinguished by their bevelled edges for a closed smooth appearance.

**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

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

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: $\alpha_w$ 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 (75C only)

WOOD TONES

(only available for 75C)

- 8476 Cedar
- 8474 Pine
- 8494 Oak
- 8492 Birch
- 8472 Palisander
METAL CEILINGS

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.

**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**

---

**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 ca 2.9 kg/m² - 10.4 kg/m²  
Light reflectance (LR) Coefficient:  
- Varies with finish  
- HD0280: LR = 0.81  
Acoustic rating: $\alpha_w$ 0.75: See page 352

---

**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

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NATURE TONES

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WARM WHITES

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METALS

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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.

**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**

**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), 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**: $\alpha_w$ 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: minium 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 ondulating
- 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)

---

**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:** $\alpha_w$ 0.75: See page 352

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

---

**PERFORATION PATTERNS**

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

- Plain  
  - D1923  
    - Ø 1.5 mm  
    - $2 \times 5.2$ Openness 23%
  - D2016 (300C Only)  
    - Ø 2 mm  
    - $3 \times 8.66$ Openness 16%

---

**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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Please refer to the respective product pages for colour availability.
Project: Wroclaw Airport, Wroclaw, 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: Parking Holdame, 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
Hunters 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
- Frêke Noir
- Nobel Wood
- Bamboo
- Charred Wood
The humidity resistant MDF core and special finish creates the possibility to use Veneered Wood externally.

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

<table>
<thead>
<tr>
<th>American Maple</th>
<th>American Red Oak</th>
<th>American Walnut</th>
<th>American/European Oak</th>
<th>European Ash</th>
<th>European Birch</th>
<th>Pine</th>
<th>Steamed Beech</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Ash BF 001</th>
<th>Ash BF 002</th>
<th>Ash BF 049</th>
<th>Birch BG 046</th>
<th>Birds Eye Maple E 069</th>
<th>Bolivar EB 064</th>
<th>Walnut EA193</th>
</tr>
</thead>
</table>

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.

<table>
<thead>
<tr>
<th>Oak</th>
<th>Wenge</th>
<th>Birch</th>
<th>Rosewood</th>
<th>Teak</th>
<th>Walnut</th>
<th>Cherry</th>
<th>Zingana</th>
</tr>
</thead>
</table>

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

**Banana trunk veneers**

<table>
<thead>
<tr>
<th>Grenada</th>
<th>Porto Rico</th>
<th>Martinique</th>
<th>St Barth</th>
<th>Aruba</th>
<th>Barbados</th>
<th>Anguilla</th>
<th>Dominica</th>
</tr>
</thead>
</table>

**Engineered special veneers**

<table>
<thead>
<tr>
<th>Arrow</th>
<th>Brown Devil</th>
<th>Deco M02</th>
<th>Deco M06</th>
<th>Burl</th>
<th>Cherry EVH</th>
<th>Vega</th>
<th>Mark</th>
</tr>
</thead>
</table>

- Other finishes such as HPL, melamine or handsprayed RAL colours are available upon request. Please refer to our website for the latest product range.
Veneered Wood can be used to create canopies for a stunning first impression.


**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
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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
- 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.
EXTERIOR CEILINGS

VENEERED WOOD

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

**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

TYPICAL SECTIONS

Spans vary with the applicable wind load

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

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
for exterior application

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

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<td>±RAL 9006</td>
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WOOD TONES (OPTIONAL), NON LUXACOTE®

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<tr>
<th>Colour</th>
<th>Colour</th>
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<tr>
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<td>Birch</td>
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<tr>
<td>8472</td>
<td>Palisander</td>
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</table>

STANDARD LUXACOTE® PAINT COLOURS 70U

<table>
<thead>
<tr>
<th>Colour</th>
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<tbody>
<tr>
<td>0401</td>
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</table>
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.

**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
EXTERIOR CEILINGS

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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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.


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**

150F 200F

**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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PROTECTED BY LUXACOTE®

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STANDARD LUXACOTE® PAINT COLOURS

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
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<tbody>
<tr>
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<tr>
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<td>±RAL 9006</td>
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CUSTOM COLOURS

WOOD TONES (OPTIONAL), NON LUXACOTE®

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>8476</td>
<td>Cedar</td>
</tr>
<tr>
<td>8474</td>
<td>Pine</td>
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<td>8494</td>
<td>Oak</td>
</tr>
<tr>
<td>8492</td>
<td>Birch</td>
</tr>
<tr>
<td>8472</td>
<td>Palisander</td>
</tr>
</tbody>
</table>
The slim blades of V100 offer one-way plenum masking while at the same time providing wind load resistance.

**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
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STANDARD LUXACOTE® PAINT COLOURS

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<th>RAL Code</th>
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CUSTOM COLOURS

WOOD TONES (OPTIONAL), NON LUXACOTE®

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<tr>
<td>8492</td>
<td>Birch</td>
</tr>
<tr>
<td>8472</td>
<td>Palisander</td>
</tr>
</tbody>
</table>
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.

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 Section](image)

![300L Section](image)

**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®
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Unprecedented Protection
for exterior application

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STANDARD LUXACOTE® PAINT COLOURS

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<tr>
<td>7080</td>
<td>±RAL 9006</td>
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</tbody>
</table>

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

**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

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>0260</td>
<td>RAL 9010</td>
<td>0401</td>
<td>7035</td>
</tr>
</tbody>
</table>

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


**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
**EXTERIOR CEILINGS**

**PROFIX™**

**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

---

**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**

---

max 600 mm  
non HD  
max 400 mm

1  
2  
5  
4  
3  
6
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
WALL SYSTEMS

HEARTFELT® LINEAR 296

SOLID WOOD GRILL AND LINEAR 300

VENEERED WOOD GRILL AND LINEAR 304

VENEERED WOOD TILES AND TOPLINE® 308

Project: eclipsLife, Amstelveen, The Netherlands
Architect: M3 Interieur
Product: HeartFelt® Linear Wall systems
HeartFelt® is an innovative, patented felt product that turns every wall into a visual and acoustic playground.

**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

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

- White 7593
- Off-White 7595
- Light Grey 7596
- Middle Grey 7597
- Dark Grey 7598
- Anthracite 7599
- Black 7584

EARTH TONES

- Creme 7575
- Light Brown 7576
- Medium Brown 7577
- Dark Brown 7578
- Umber 7579

ACOUSTICAL RATINGS - $\alpha_w$

<table>
<thead>
<tr>
<th>Module (mm)</th>
<th>Joints (mm)</th>
<th>Openness %</th>
<th>$\alpha_w$</th>
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<tbody>
<tr>
<td>M50</td>
<td>10</td>
<td>20%</td>
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</tr>
<tr>
<td>M90</td>
<td>50</td>
<td>55%</td>
<td>0.45 (H)</td>
</tr>
<tr>
<td>M100</td>
<td>60</td>
<td>60%</td>
<td>0.45 (H)</td>
</tr>
</tbody>
</table>

*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
**PHYSICAL DATA**

**Fire rating:** B,s1,d0 (according to 13501-1), depending on wood specie and treatment  
**Acoustic ratings:** $\alpha_w$ 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
VENEERED WOOD
GRILL AND LINEAR

Create beautiful wall designs with the Veneered Wood Linear or Grill elements in large projects.


**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 indivual 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: $\alpha_w = 0.50$

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 type shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during its lifetime, making each veneer unique.

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

Engineered veneer is a natural material, processed to create a specific pre-designed 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

- 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: canondesign

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
VENEERED WOOD

PHYSICAL DATA
depending on wood specie and treatment
Acoustic rating: up to $\alpha_{rw} 0.50$
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

TYPICAL ISOMETRICS
1 = Veneered Wood Tile
2 = Wooden substructure (Non-HD)
3 = Wall clip

TYPICAL SECTIONS
Standard Tiles / Linear
Trend Tiles
Topline®

Tiles wall application
Topline® wall application
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
- 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.
VENEERED WOOD
TILES AND TOPLINE®

Project: Amity University Dubai, UAE - Product: Veneered Wood Ceiling and Wall Topline®, American Cherry, Nano perforation - Architect: cannondesign
VENEERED WOOD

WALL SYSTEMS
Project: Freizeitbad California, 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 Steenbergen
Product: Sports Ceiling
Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands
Architect: FACT Architects
Product: Sports Ceiling
SPORTS CEILINGS

SOLID WOOD LINEAR  320

VENEERED WOOD LINEAR  324

70U  328

BETA SAFETY-LOOP  332

GAMMA  336

Project: Mahler 4, Amsterdam, the Netherlands
Architect: De Architecten Cie.
Product: Sports Ceiling
Our specially designed Solid Wood ceilings are tested and certified in accordance with the highest standards for sport facilities or swimming pools.

**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: $\alpha_w$ 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
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.
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.

**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

PHYSICAL DATA
Acoustic rating: $\alpha_w = 0.50$
Weight: 10.0 - 15.0 kg/m²

TYPICAL SECTIONS

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.

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

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

VENEERED WOOD LINEAR

When you need to make an impact, 70U Linear metal ceiling system is the obvious choice.

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**

| 1 | 70U panel | 2 | Carrier | 3 | Hanger | 4 | Carrier splice | 5 | Panel splice | 6 | Fixing clip |

**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.

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

CUSTOM COLOURS
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: $\alpha_w$ 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 GS
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: 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.

**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

Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Gamma (Sports Hall) - Architect: FACT Architects
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: $\alpha_w$ 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

<table>
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<tr>
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<td>0280</td>
<td>RAL 9010</td>
</tr>
</tbody>
</table>

CUSTOM COLOURS

[Image of custom colours]
Project: Ronald McDonald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Gamma (Sports Hall) - Architect: FACT Architects
SPORTS CEILINGS

METAL GAMMA (SPORTS HALL)

Project: Ronald McDonald 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
Architects and designers from around the world trust our unrivalled product development, service and support. Whether you are working to meet LEED requirements or solve unique architectural challenges, Hunter Douglas delivers outstanding, high-performance architectural products for design, comfort, and sustainability.
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**

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Diameter</th>
<th>Openness</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1522</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
<td>1:10</td>
</tr>
<tr>
<td>D2022</td>
<td>Ø 2 mm</td>
<td>22%</td>
<td>1:10</td>
</tr>
<tr>
<td>R1511</td>
<td>Ø 1.5 mm</td>
<td>11%</td>
<td>1:10</td>
</tr>
<tr>
<td>R2011</td>
<td>Ø 2 mm</td>
<td>11%</td>
<td>1:10</td>
</tr>
<tr>
<td>R2516</td>
<td>Ø 2.5 mm</td>
<td>16%</td>
<td>1:10</td>
</tr>
</tbody>
</table>

**XL Acoustic**

- **Front side**
  - D0804: Ø 0.8 mm, 36%, Ø 5 x 8.66, Openness 36%.
  - D1523: Ø 1.5 mm, 22%, Ø 5 x 5, Openness 32.6%.

- **Reverse side**
  - D0333: Ø 0.8 mm, 36%, Ø 5 x 3, Openness 32.6%.

**Wide Panel**

- D1523: Ø 1.5 mm, 22%, Ø 5 x 5, Openness 23%.
- D2016: Ø 2.5 mm, 16%, Ø 5 x 5, Openness 16%.

**Tiles and TAVOLA™**

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Diameter</th>
<th>Openness</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1522</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
</tr>
<tr>
<td>D2022</td>
<td>Ø 2 mm</td>
<td>22%</td>
</tr>
<tr>
<td>R1511</td>
<td>Ø 1.5 mm</td>
<td>11%</td>
</tr>
<tr>
<td>R2011</td>
<td>Ø 2 mm</td>
<td>11%</td>
</tr>
<tr>
<td>R2516</td>
<td>Ø 2.5 mm</td>
<td>16%</td>
</tr>
</tbody>
</table>

**Linear**

- D1523: Ø 1.5 mm, 3%, Ø 5 x 5.2, Openness 23%.
- D1023: Ø 1 mm, 2%, Ø 3 x 3.46, Openness 23%.
- D2016: Ø 2 mm, 16%, Ø 5 x 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.

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Diameter</th>
<th>Openness</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD6</td>
<td>Ø 4.4 mm</td>
<td>22%</td>
<td>1:10</td>
</tr>
<tr>
<td>LS6</td>
<td>Ø 4.1 mm</td>
<td>22%</td>
<td>1:10</td>
</tr>
</tbody>
</table>

**New York (Scale 1:4)**

- Open area 46%.
- Thickness 2.0 mm.
- Dimensions: 12 x 9.5 - 1.6 x 1.0.
- Weight 1.7 kg/m².

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Diameter</th>
<th>Openness</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS12</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
</tr>
<tr>
<td>LS10</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
</tr>
<tr>
<td>LS16</td>
<td>Ø 1.5 mm</td>
<td>22%</td>
</tr>
</tbody>
</table>

**Rotterdam (Scale 1:4)**

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

**Dubai (Scale 1:4)**

- Open area 36%.
- Thickness 2.0 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.

**Rimini (Scale 1:4)**

- Open area 57%.
- Thickness 2.0 mm.
- Dimensions: 16 x 11.0 - 3.0 x 2.0.
- Weight 1.3 kg/m².

**Cefalu’ (Scale 1:4)**

- Open area 66%.
- Thickness 2.0 mm.
- Dimensions: 2.6/3.4 x 7.8/10.2.
- Weight 1.7/2.4 kg/m².

**Rapallo (Scale 1:4)**

- Open area 66%.
- Thickness 2.0 mm.
- Dimensions: 2.6/3.4 x 7.8/10.2.
- Weight 1.7/2.4 kg/m².

**Moscow (Scale 1:4)**

- Open area 66%.
- Thickness 2.0 mm.
- Dimensions: 2.6/3.4 x 7.8/10.2.
- Weight 1.7/2.4 kg/m².

**New York (Scale 1:4)**

- Open area 46%.
- Thickness 2.0 mm.
- Dimensions: 12 x 9.5 - 1.6 x 1.0.
- Weight 1.7 kg/m².

**Dubai (Scale 1:4)**

- Open area 36%.
- Thickness 2.0 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.

**Cefalu’ (Scale 1:4)**

- Open area 66%.
- Thickness 2.0 mm.
- Dimensions: 2.6/3.4 x 7.8/10.2.
- Weight 1.7/2.4 kg/m².

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- Thickness 2.0 mm.
- Dimensions: 2.6/3.4 x 7.8/10.2.
- Weight 1.7/2.4 kg/m².

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- Open area 66%.
- Thickness 2.0 mm.
- Dimensions: 2.6/3.4 x 7.8/10.2.
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**New York (Scale 1:4)**

- Open area 46%.
- Thickness 2.0 mm.
- Dimensions: 12 x 9.5 - 1.6 x 1.0.
- Weight 1.7 kg/m².

**Dubai (Scale 1:4)**

- Open area 36%.
- Thickness 2.0 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.
WOOD Ceilings

Veneered Wood Tiles & Panels

Single perforations - Regular (Scale 1:5)

Single perforations - Irregular (Scale 1:5)

Double perforations - Regular (Scale 1:5)

Nano perforations (Scale 1:1)

Slotted perforation (Scale 1:20)

Topline® Panels

Topline® perforations - Irregular (Scale 1:5)

View sides

Back sides

Round

Slotted

Nano perforations (Scale 1:1)

Slotted perforation (Scale 1:20)
## ACOUSTIC TEST RESULTS

### SOUND ABSORPTION (\(\alpha_w\)) 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

<table>
<thead>
<tr>
<th>Module</th>
<th>% Open Area</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>(\alpha_w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>20%</td>
<td>Panel 40 x 55 mm</td>
<td>none</td>
<td>0.70</td>
</tr>
<tr>
<td>60</td>
<td>33%</td>
<td>Panel 40 x 55 mm</td>
<td>none</td>
<td>0.65</td>
</tr>
<tr>
<td>70</td>
<td>43%</td>
<td>Panel 40 x 55 mm</td>
<td>none</td>
<td>0.60</td>
</tr>
<tr>
<td>70</td>
<td>43%</td>
<td>Panel 40 x 55 mm</td>
<td>Mineral wool tiles or PES acoustical tiles</td>
<td>1.00</td>
</tr>
<tr>
<td>80</td>
<td>50%</td>
<td>Panel 40 x 55 mm</td>
<td>none</td>
<td>0.50</td>
</tr>
<tr>
<td>90</td>
<td>55%</td>
<td>Panel 40 x 55 mm</td>
<td>none</td>
<td>0.45</td>
</tr>
<tr>
<td>100</td>
<td>60%</td>
<td>Panel 40 x 55 mm</td>
<td>none</td>
<td>0.45</td>
</tr>
</tbody>
</table>

#### TILES

Plenum depth 400 mm

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area*</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>(\alpha_w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1522</td>
<td>22%</td>
<td>Tiles 600 x 600 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>R1511</td>
<td>11%</td>
<td></td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>D2022</td>
<td>22%</td>
<td>Tiles 600 x 600 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.55</td>
</tr>
<tr>
<td>R2011</td>
<td>11%</td>
<td></td>
<td>Non-Woven Acoustic tissue</td>
<td>0.70</td>
</tr>
<tr>
<td>R2516</td>
<td>16%</td>
<td>Tiles 600 x 600 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.70</td>
</tr>
</tbody>
</table>

* With post painted products the openness will decrease due to paint thickness

#### PLANKS & TAVOLA BAFFLES

Plenum depth 300 mm

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area*</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>(\alpha_w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1522</td>
<td>22%</td>
<td>Baffle 200 x 30 mm, plain bottom, ctc 150 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
<tr>
<td>D1522</td>
<td>22%</td>
<td>Baffle 200 x 30 mm, plain bottom, ctc 200 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
<tr>
<td>D1522</td>
<td>22%</td>
<td>Baffle 200 x 30 mm, plain bottom, ctc 300 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.40</td>
</tr>
<tr>
<td>D1522</td>
<td>22%</td>
<td>Baffle 200 x 30 mm, plain bottom, ctc 400 mm</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.40</td>
</tr>
<tr>
<td>R1511</td>
<td>11%</td>
<td></td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
<tr>
<td>D2022</td>
<td>22%</td>
<td></td>
<td>Non-Woven Acoustic tissue</td>
<td>0.40</td>
</tr>
<tr>
<td>R2011</td>
<td>11%</td>
<td></td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
<tr>
<td>R2516</td>
<td>16%</td>
<td></td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
</tbody>
</table>

* With post painted products the openness will decrease due to paint thickness

#### LINEAR

Plenum depth 200 mm

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>(\alpha_w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1523</td>
<td>23%</td>
<td>All panel types, closed joints</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>D1023</td>
<td>23%</td>
<td>75C panel</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>D2016</td>
<td>16%</td>
<td>All panel types, closed joints</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.80</td>
</tr>
</tbody>
</table>

#### WIDE PANEL

Plenum depth 400 mm

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>(\alpha_w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1523</td>
<td>23%</td>
<td>300C/L</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>D2016</td>
<td>16%</td>
<td>300C/L</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
</tbody>
</table>
**ACOUSTIC TEST RESULTS**

### XL ACOUSTIC
Plenum depth 200 mm

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>$\alpha_W$</th>
</tr>
</thead>
<tbody>
<tr>
<td>D0804 / D3033</td>
<td>3.6 %</td>
<td>XL50, XL100, XLts and XLnt</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
</tbody>
</table>

### STRETCH METAL
Plenum depth 200 mm

<table>
<thead>
<tr>
<th>Stretch Pattern</th>
<th>% Open Area*</th>
<th>Panel description</th>
<th>Acoustic Infill</th>
<th>$\alpha_W$</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD6</td>
<td>23 %</td>
<td>Tile 600 x 600 mm</td>
<td>Acoustical pad 25 mm</td>
<td>0.85</td>
</tr>
<tr>
<td>LS10</td>
<td>68%</td>
<td>Tile 800 x 800 mm</td>
<td>Acoustical pad 85 mm</td>
<td>1.00</td>
</tr>
<tr>
<td>LS8</td>
<td>62%</td>
<td>Tile 600 x 600 mm</td>
<td>Acoustical pad 25 mm</td>
<td>0.85</td>
</tr>
</tbody>
</table>

* With post painted products the openness will decrease due to paint thickness

### SOLID WOOD

<table>
<thead>
<tr>
<th>Linear Module</th>
<th>% Open Area</th>
<th>Acoustic Infill</th>
<th>$\alpha_W$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Wood Linear 92 mm (module 111 mm)</td>
<td>21%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.30</td>
</tr>
<tr>
<td>Solid Wood Linear 92 mm (module 111 mm)</td>
<td>21%</td>
<td>Non-Woven Acoustic tissue + 20 mm rock wool</td>
<td>0.50</td>
</tr>
<tr>
<td>Grill Module</td>
<td>% Open Area</td>
<td>Acoustic Infill</td>
<td>$\alpha_W$</td>
</tr>
<tr>
<td>Solid Wood Grill 25-15-55</td>
<td>63%</td>
<td>40 mm mineral wool</td>
<td>0.90</td>
</tr>
<tr>
<td>Solid Wood Grill 25-15-55</td>
<td>63%</td>
<td>50 mm rock wool</td>
<td>0.85</td>
</tr>
</tbody>
</table>

### VENEERED WOOD TILES

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area</th>
<th>Acoustic Infill</th>
<th>$\alpha_W$</th>
</tr>
</thead>
<tbody>
<tr>
<td>R7015</td>
<td>15%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>R8020</td>
<td>20%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>R9006</td>
<td>6%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.40</td>
</tr>
<tr>
<td>D7030</td>
<td>30%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.95</td>
</tr>
<tr>
<td>D9012</td>
<td>12%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.60</td>
</tr>
<tr>
<td>R9025</td>
<td>25%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.90</td>
</tr>
<tr>
<td>R1503A</td>
<td>3%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.35</td>
</tr>
<tr>
<td>R5008B</td>
<td>8%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>D0505A</td>
<td>5%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.95</td>
</tr>
<tr>
<td>R9724S</td>
<td>24%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>R9718S</td>
<td>18%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>R9711S</td>
<td>11%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
<tr>
<td>D9724S</td>
<td>24%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>D9711S</td>
<td>11%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.50</td>
</tr>
</tbody>
</table>

### VENEERED WOOD TOPLINE®

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area</th>
<th>Acoustic Infill</th>
<th>$\alpha_W$</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLS 6/2</td>
<td>25%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.90</td>
</tr>
<tr>
<td>TLS 14/2</td>
<td>13%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>TLS 13/3</td>
<td>19%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.75</td>
</tr>
<tr>
<td>TLS 28/4</td>
<td>13%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>TTA 13/3 FD</td>
<td>16%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.80</td>
</tr>
<tr>
<td>TTA 13/3 HD</td>
<td>16%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.65</td>
</tr>
<tr>
<td>TTA 28/4 FD</td>
<td>13%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.60</td>
</tr>
<tr>
<td>TTA 28/4 HD</td>
<td>13%</td>
<td>Non-Woven Acoustic tissue</td>
<td>0.40</td>
</tr>
</tbody>
</table>

### VENEERED WOOD

<table>
<thead>
<tr>
<th>Perforation Pattern</th>
<th>% Open Area</th>
<th>Acoustic Infill</th>
<th>$\alpha_W$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veneered Wood Grill 44-17-55</td>
<td>72%</td>
<td>3 mm acoustic felt</td>
<td>0.85</td>
</tr>
</tbody>
</table>
SUSTAINABILITY

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.

ACOUSTIC COMFORT
Noise of equipment and conversation have been shown to impact worker comfort and productivity. Hunter Douglas acoustical ceilings have noise reduction coefficients $\alpha_w$ up to 1.00.

DAYLIGHTING
Hunter Douglas ceilings diffuse light for visual comfort and move daylight into a space, reducing energy used by artificial lights.

ENERGY PERFORMANCE
Interior spaces designed with light colours and a minimum of 70% reflectance on the ceilings and walls can reduce artificial lighting requirements significantly, reducing energy consumption.

BUILDING PRODUCT DISCLOSURE
Hunter Douglas Ceilings uses products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.

INDOOR AIR QUALITY
Perfect for projects where air quality is a priority, nearly all Hunter Douglas products meet low emissions standards for GREENGUARD and GREENGUARD Gold certification.

RECYCLED CONTENT
Using both pre-consumer and post-consumer materials, many Hunter Douglas systems feature recycled components in steel, aluminum, and HDPE plastics.
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.
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.

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
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.


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

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.