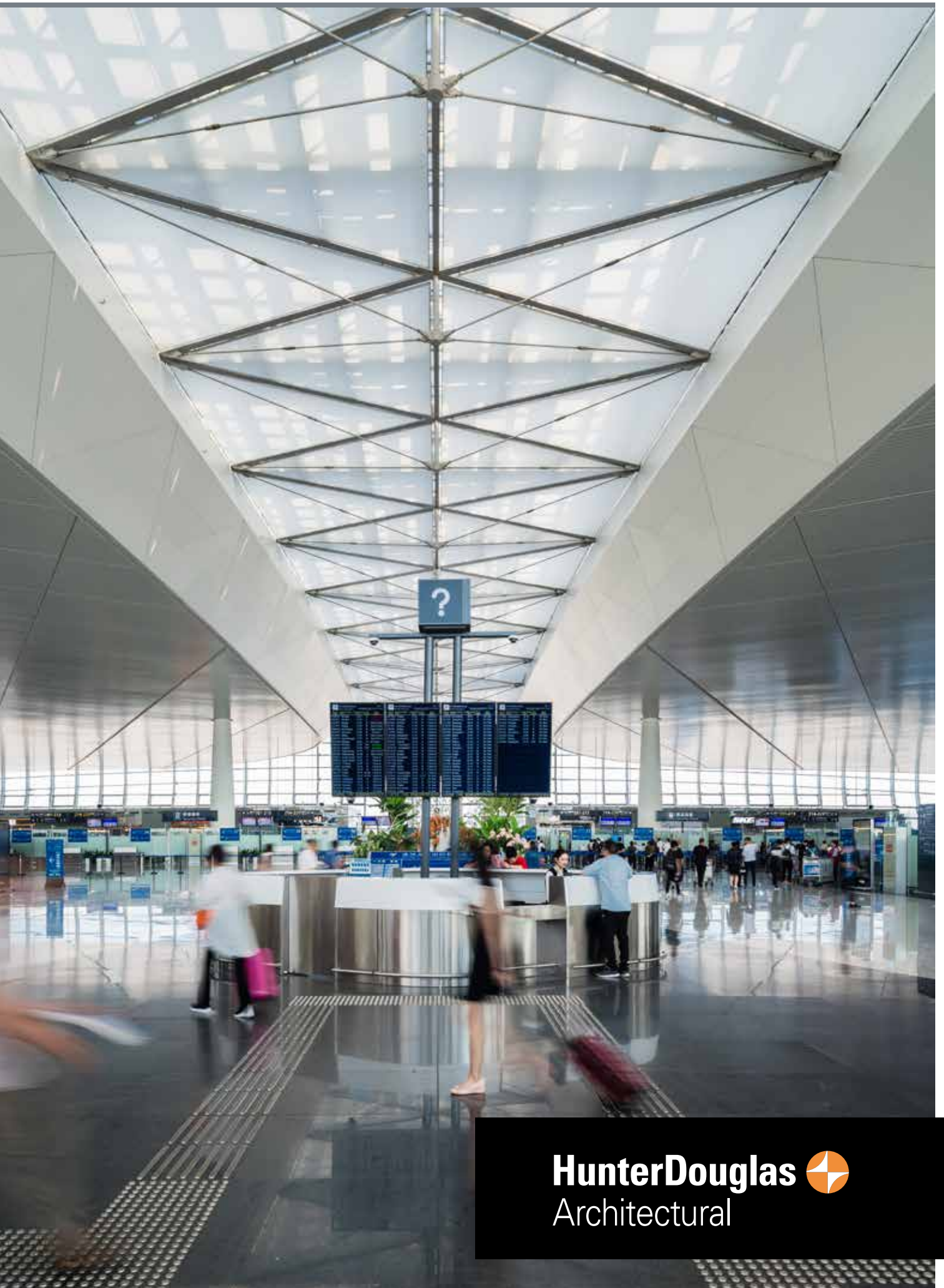


Commercial Ceilings & Walls Product Guide

2019 | 2020



HunterDouglas 
Architectural

Designed to work for you

COVER:

Project : T2 of Wenzhou Airport, China

Architect: ECADI

*Product : Luxalon® Honeycomb Panels, Metal
Exterior Wall and Metal Ceiling*

Commercial Ceilings & Walls Product Guide

2019 | 2020





DESIGNED TO WORK FOR YOU

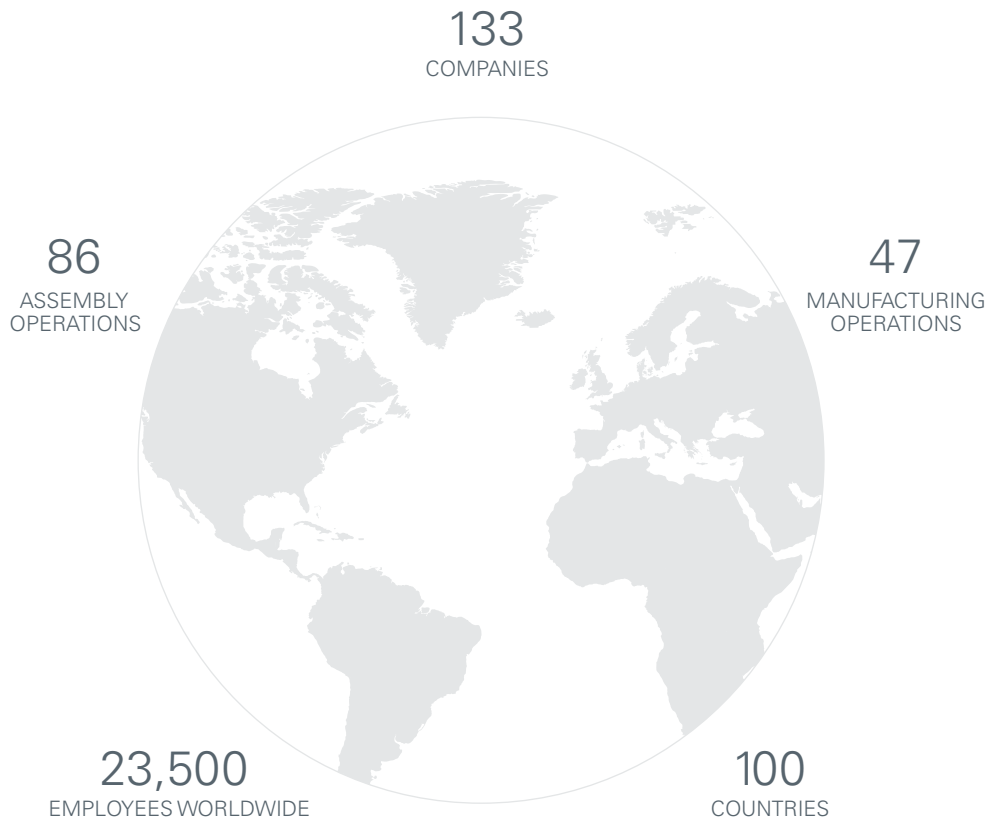
Hunter Douglas is fluent in design. Working with architects and contractors, we translate aesthetic specifications into construction requirements, creating solutions that express the vision of each project. For over 60 years, this collaborative approach has contributed to thousands of buildings around 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 : Beijing University of Architecture
Library , China*

*Architect : China Architectural Culture Center
Product : Linear Ceiling*

HUNTER DOUGLAS, A WORLD OF INNOVATION



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.



Down on the
LEFT



Project: Wrexham Money Penny Offices, Wrexham, UK
Architect: AEW Architects
Product: HeartFelt® Linear Ceilings



Project: Admix, Rotterdam, The Netherlands
Architect: Hunter Douglas Architectural
Product: HeartFelt® Linear Ceiling



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

HEARTFELT® CEILINGS

HEARTFELT® LINEAR 12



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

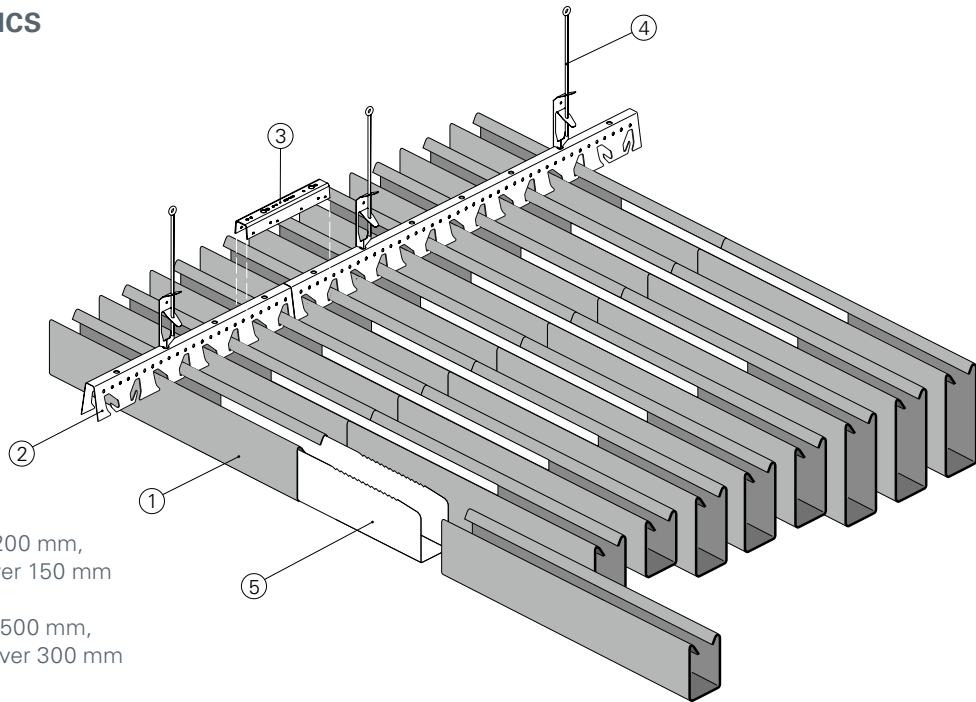
- Modular ceiling system with felt panels
- Panel dimensions 40 x 55 mm, 40 x 80 mm and 40 x 105 mm
- Panel length 1000 to 6000 mm
- Six standard carrier modules to vary reveal (M50-M100) for acoustics and aesthetics, larger modules up to M200 on request
- Easy plenum access
- Interior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



reddot award 2017
best of the best

TYPICAL ISOMETRICS

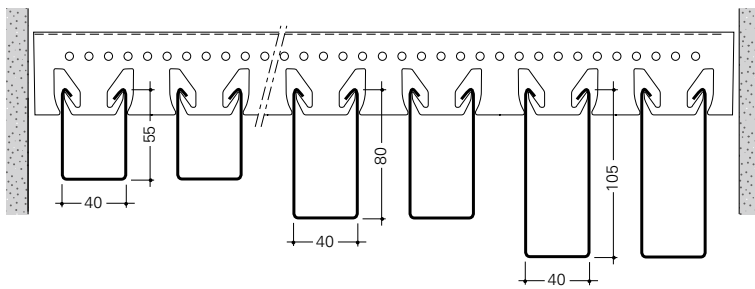
- 1 = Panel
2 = Carrier
3 = Carrier splice
4 = Hanger
5 = Panel Splice



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 Bronze
Oekotex Standard 100 Class IV
SundaHus Miljödata Class A

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



Crema
7575



Light Brown
7576



Medium Brown
7577



Dark Brown
7578



Umber
7579

ACOUSTICAL RATINGS - α_w

Module (mm)	Joints (mm)	Openness %	α_w
M50*	10	20%	1.00 (H)
M50	10	20%	0.70 (H)
M60	20	33%	0.65 (H)
M70	30	43%	0.60 (H)
M80	40	50%	0.50 (H)
M90	50	55%	0.45 (H)
M100	60	60%	0.45 (H)

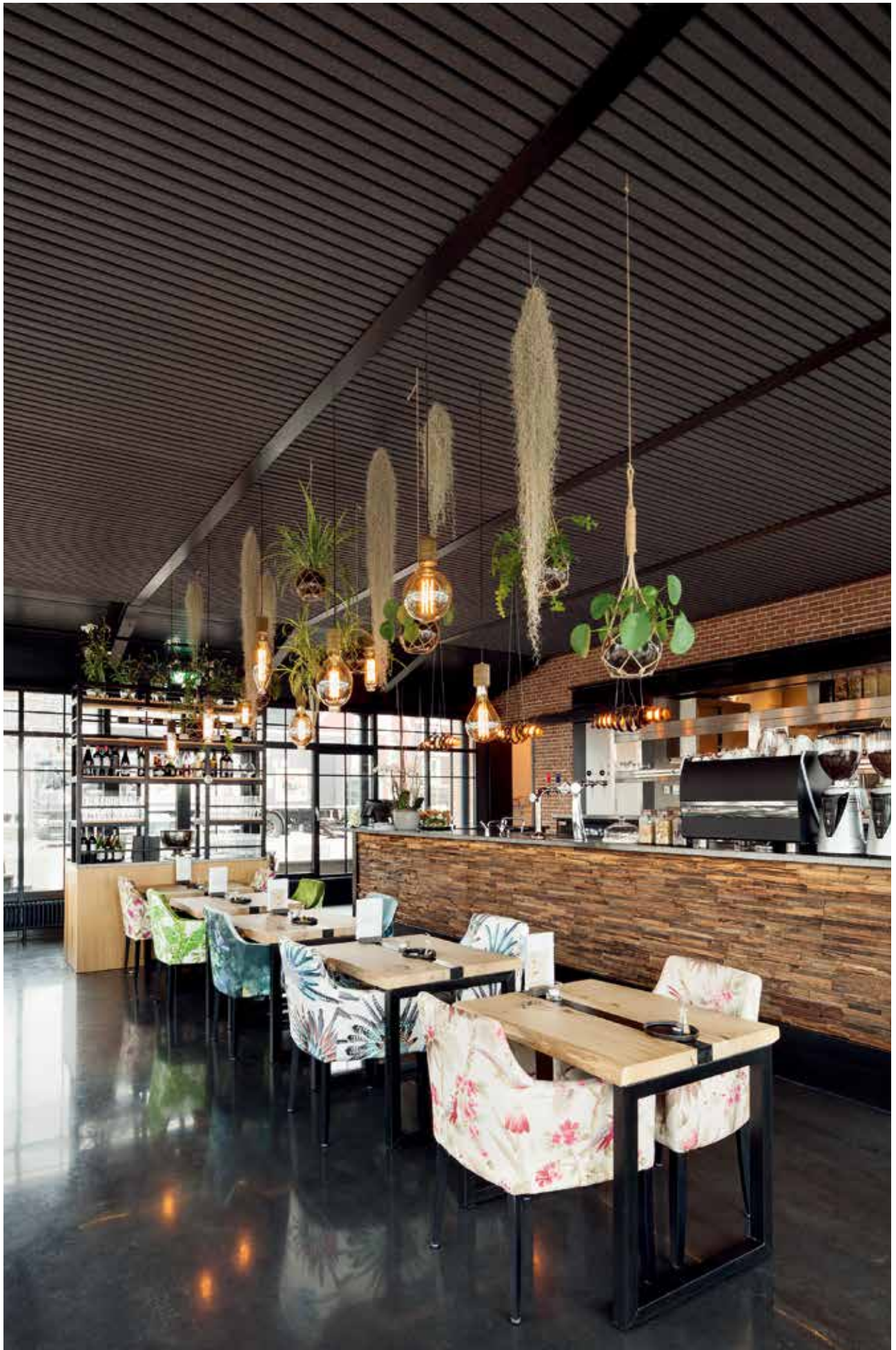
*Ceiling panels covered with mineral wool tiles or PES acoustical tiles.



Project: Corporate Office, The Netherlands - Product: HeartFelt® Linear - Architect: Hunter Douglas Architectural



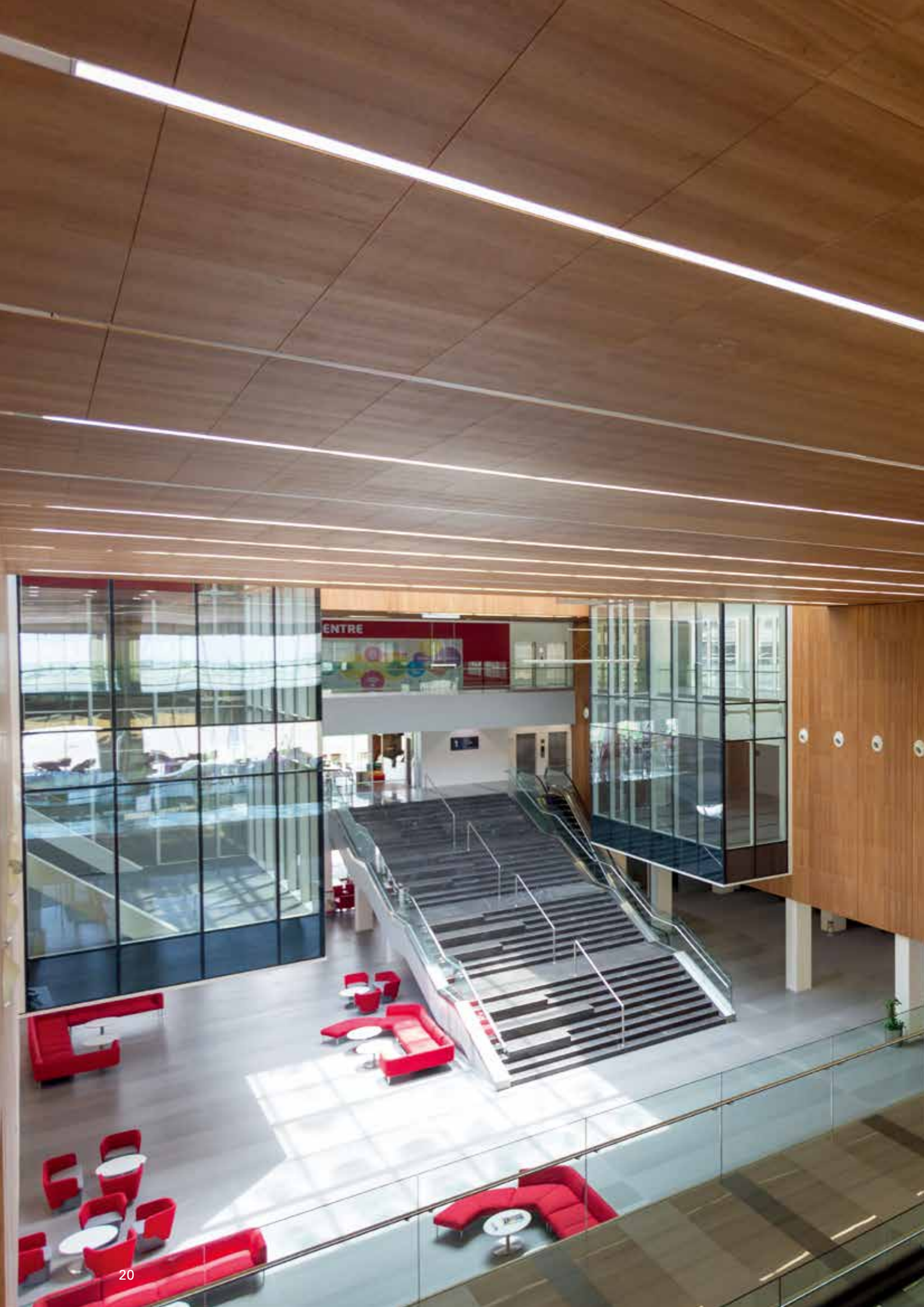
Project: City of Westminster College, UK - Product: HeartFelt® Linear - Architect: Schmidt hammer lassen architects



Project: Kookstudio 't Havenmantsje, Harlingen, The Netherlands - Product: HeartFelt® Linear - Architect: Hunter Douglas Architectural



Project: Life Science Incubator, Utrecht, The Netherlands
Architect: GiesbersWijchen & Mecanoo
Product: Solid Wood Grill with CNC grill elements



ENTRE



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



Project: Cluj Arena, Cluj-Napoca, Romania

Architect: Dico si Tiganaș

Product: Veneered Wood Ceiling and Wall Tiles & Linear

WOOD SOLUTIONS

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SOLID WOOD GRILL 28

VENEERED WOOD LINEAR 32

VENEERED WOOD GRILL 36

VENEERED WOOD TILES & PANELS 40

VENEERED WOOD TOPLINE® 44

METAL WOODPRINT 48



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

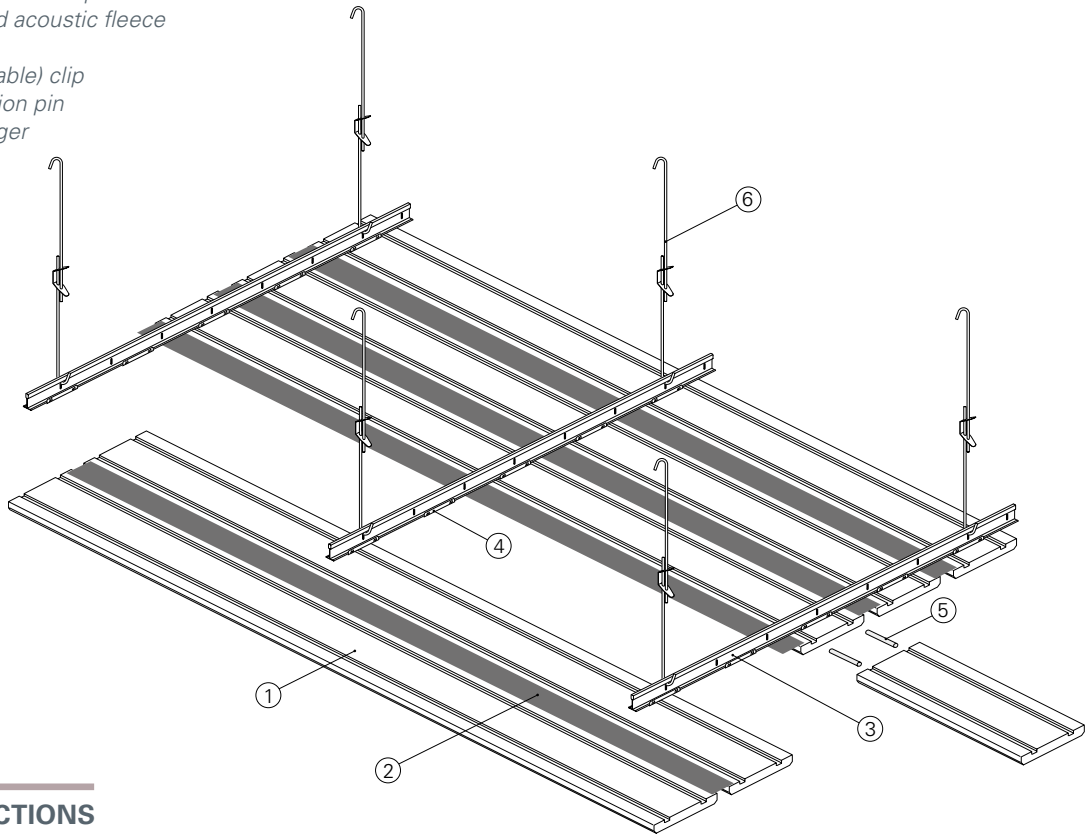
*Project: Student Pavillion Erasmus University, Rotterdam, The Netherlands - Product: Solid Wood Linear, American Red Oak
Architect: Powerhouse Company & de Zwarte Hond;*

KEY FEATURES

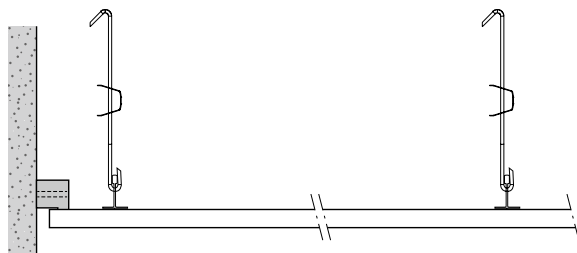
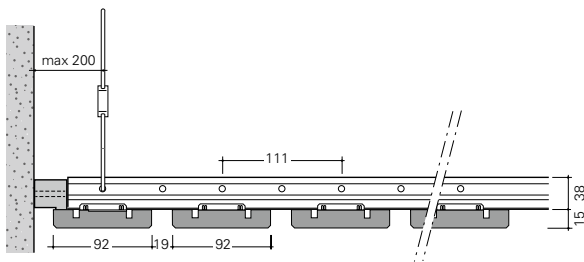
- Interior applications
- Panel width: 63 - 68 - 70 - 82.6 - 92 - 110 - 116 mm
- Lengths up to 2500 mm
- Panel thickness: 15 mm
- Joint width: 12 - 13 - 15 - 19 mm
- Multi-panel layouts possible, combining different widths
- Other sizes are available upon request
- Variety of 20+ wood species, FSC or PEFC certified
- Clear and coloured stains available
- Also available as wall solution (see page 324) or exterior application (see page 272)
- 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: α_w 0.30 - 0.50 (according to ISO 11654), See page 393
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

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



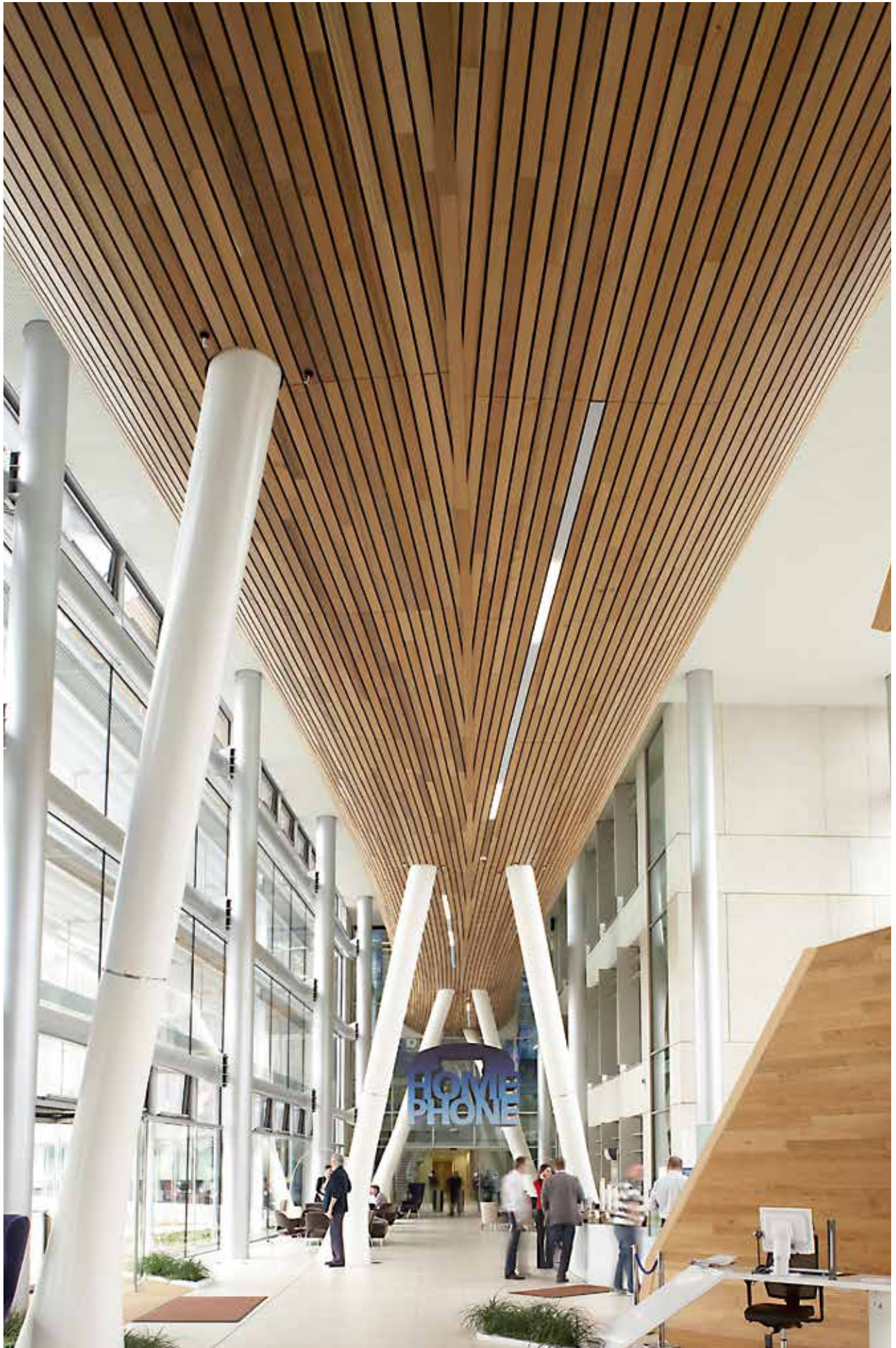
Bamboo SP Natural



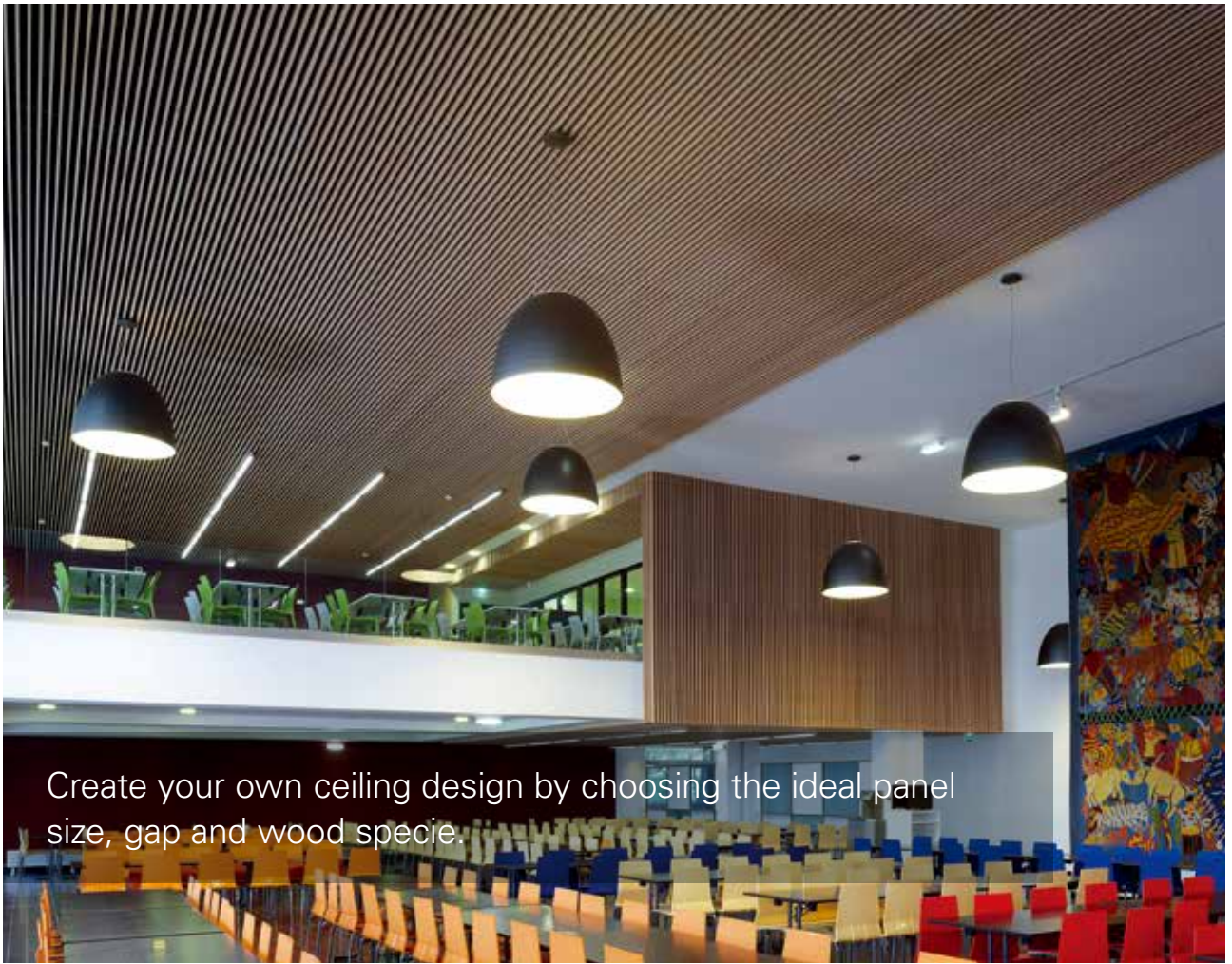
Bamboo SP Caramel



Bamboo DT Caramel



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 specie.

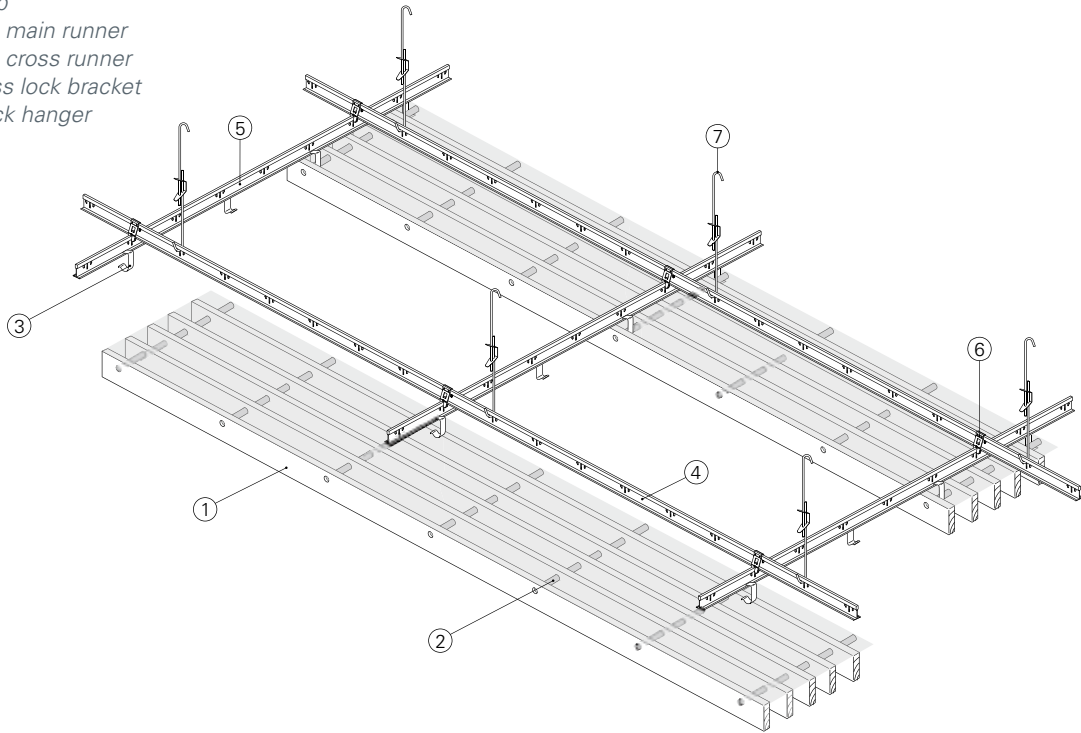
Project: Crous Centrale, Lyon, France - Product: Solid Wood Grill - Architect: Sylvain ROUBAUD

KEY FEATURES

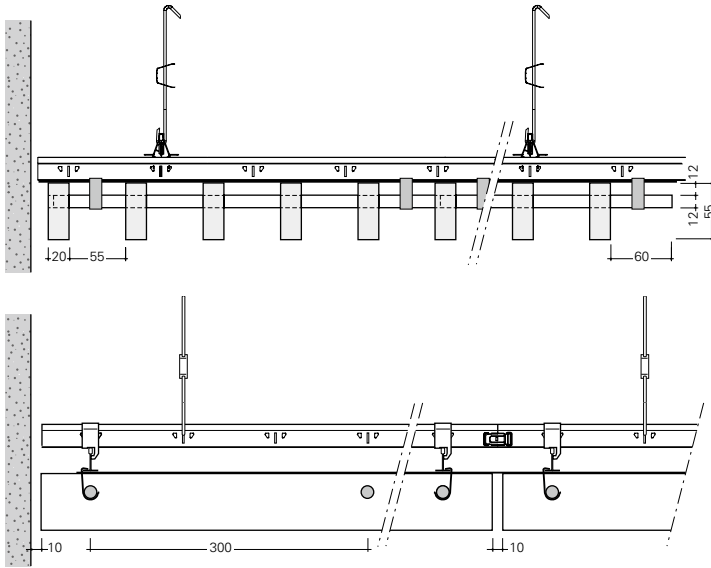
- Interior applications
- Panel width: 20 mm
- Lengths up to 2500 mm
- Panel height: 35 - 120 mm
- Joint width: 25 - 150 mm
- Pre-assembled elements of +/- 350 x 3000 mm
- Other sizes and dimensions are available upon request
- Variety of 20+ wood species, FSC or PEFC certified
- Optionally supplied with acoustic fleece
- Clear and coloured stains available
- Also available as wall solution (see page 324) or exterior application (see page 272)
- 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: α_w 0.30 - 0.50 (according to ISO 11654), See page 393
 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

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Accoya



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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



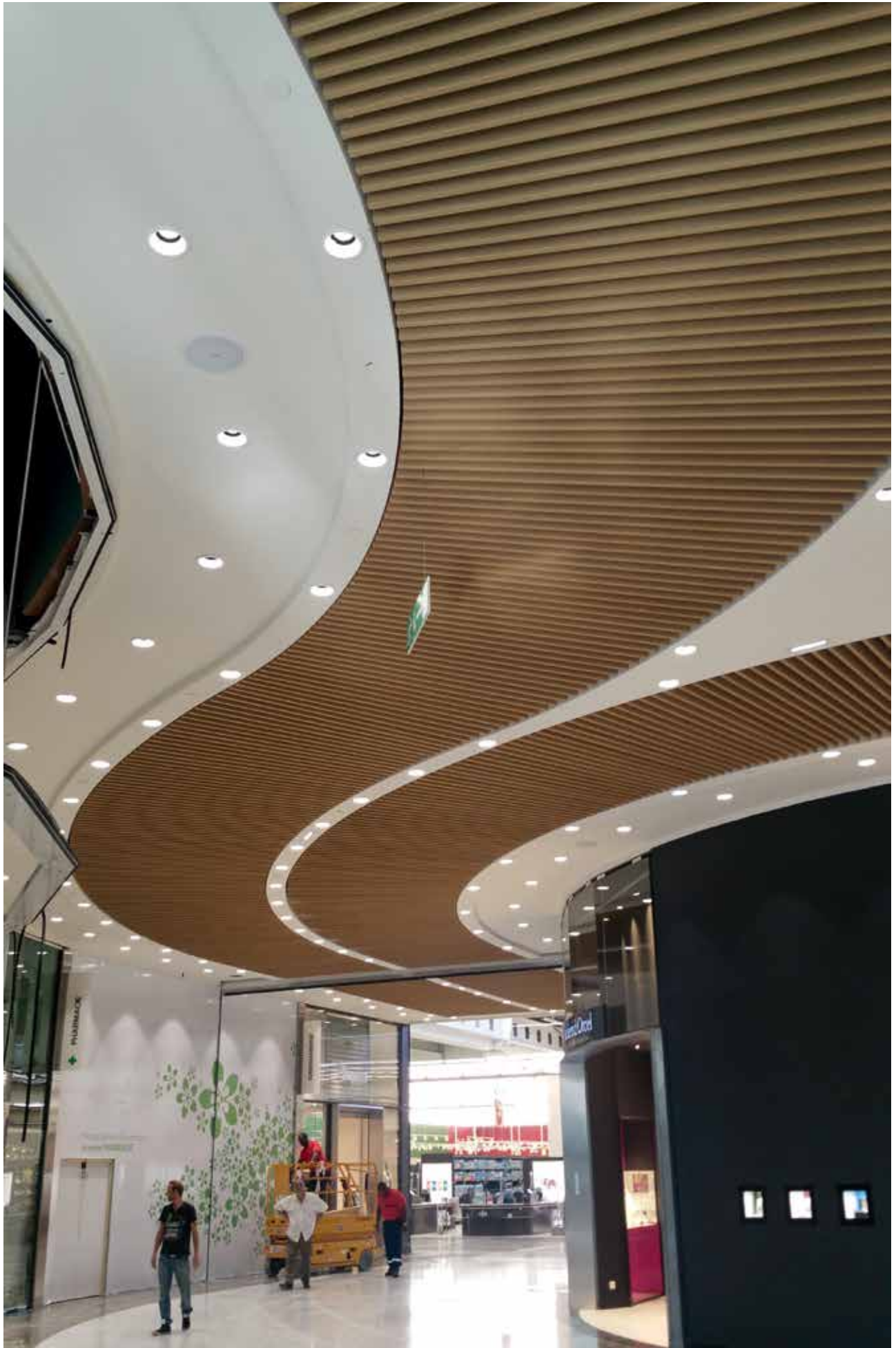
Bamboo SP Natural



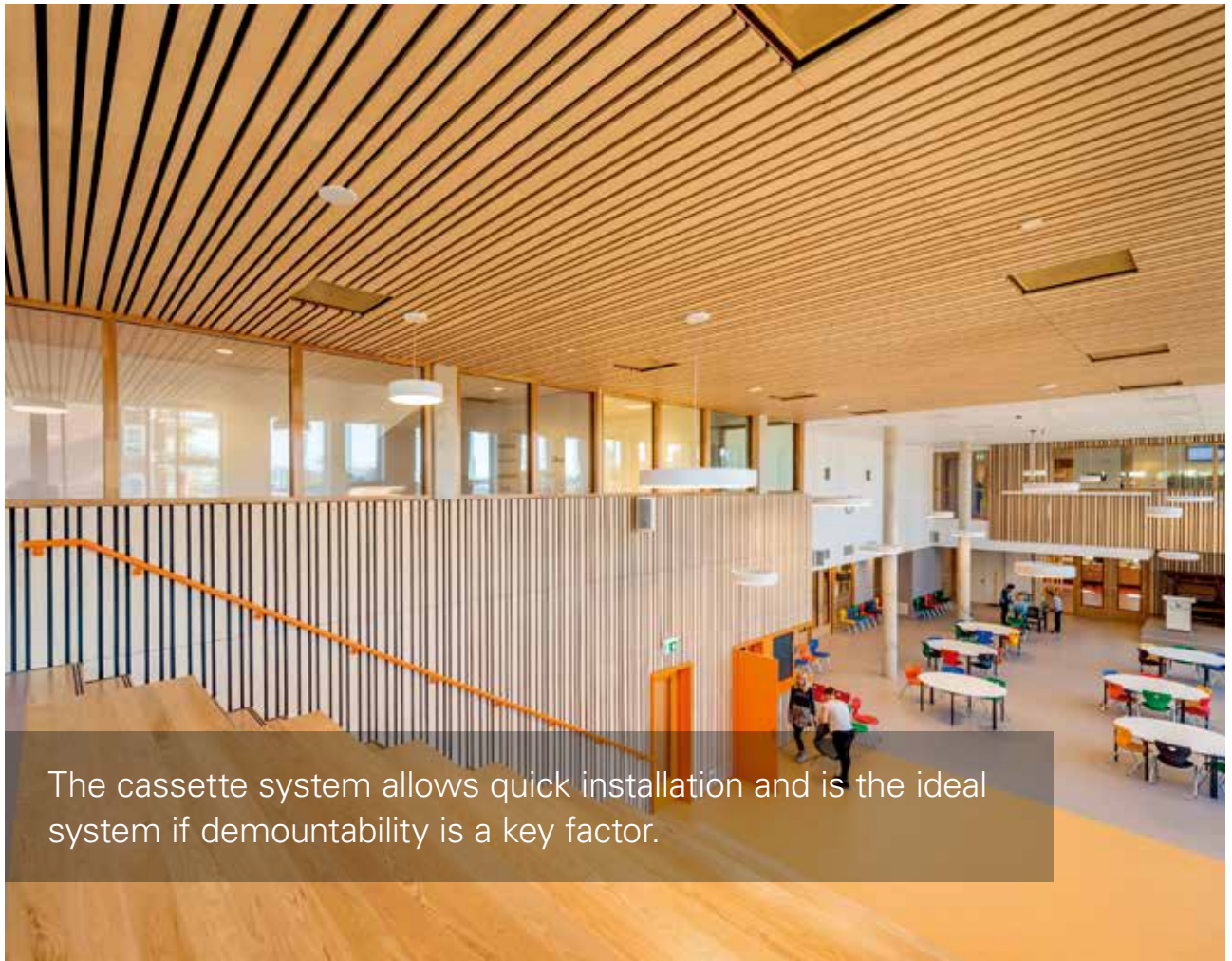
Bamboo SP Caramel



Bamboo DT Caramel



Project: C.C. Plaza Genipa, Martinique, France - Product: Solid Wood Grill, African Ayous - Architect: Architectes CVZ



The cassette system allows quick installation and is the ideal system if demountability is a key factor.

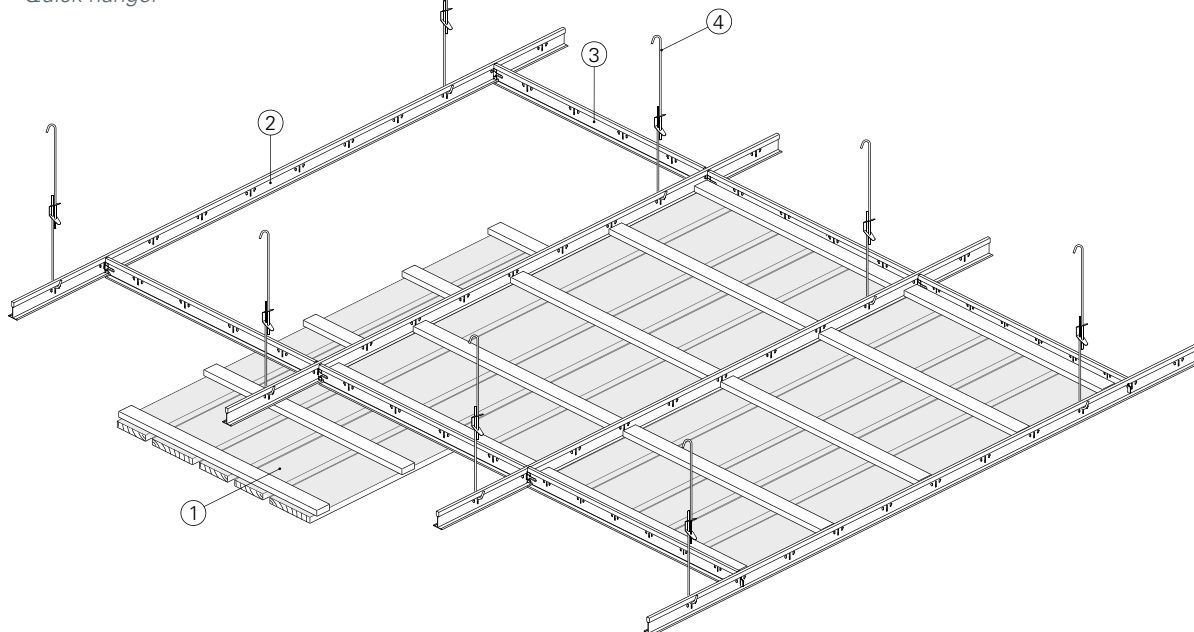
Project: Driestar, Leiden, The Netherlands - Product: Veneered Wood Linear Cassettes, Ash veneer - Architect: Roosros Architecten

KEY FEATURES

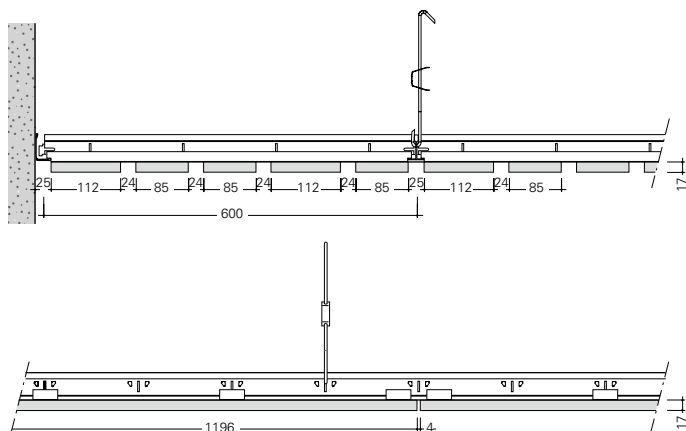
- Interior applications
- MDF core with a wooden top layer
- Cassette sizes 600 x 600 mm to 1200 x 1200 mm
- Panel width: 90 - 120 - 150 - 200 - 230 mm
- Panel thickness: 17 or 20 mm
- Joint width: 5 - 10 - 15 - 20 - 30 mm
- Multi-panel layouts possible, combining different widths
- Other sizes and dimensions 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 328) or exterior application (see page 276)
- 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 α_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 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 Ash BF050 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



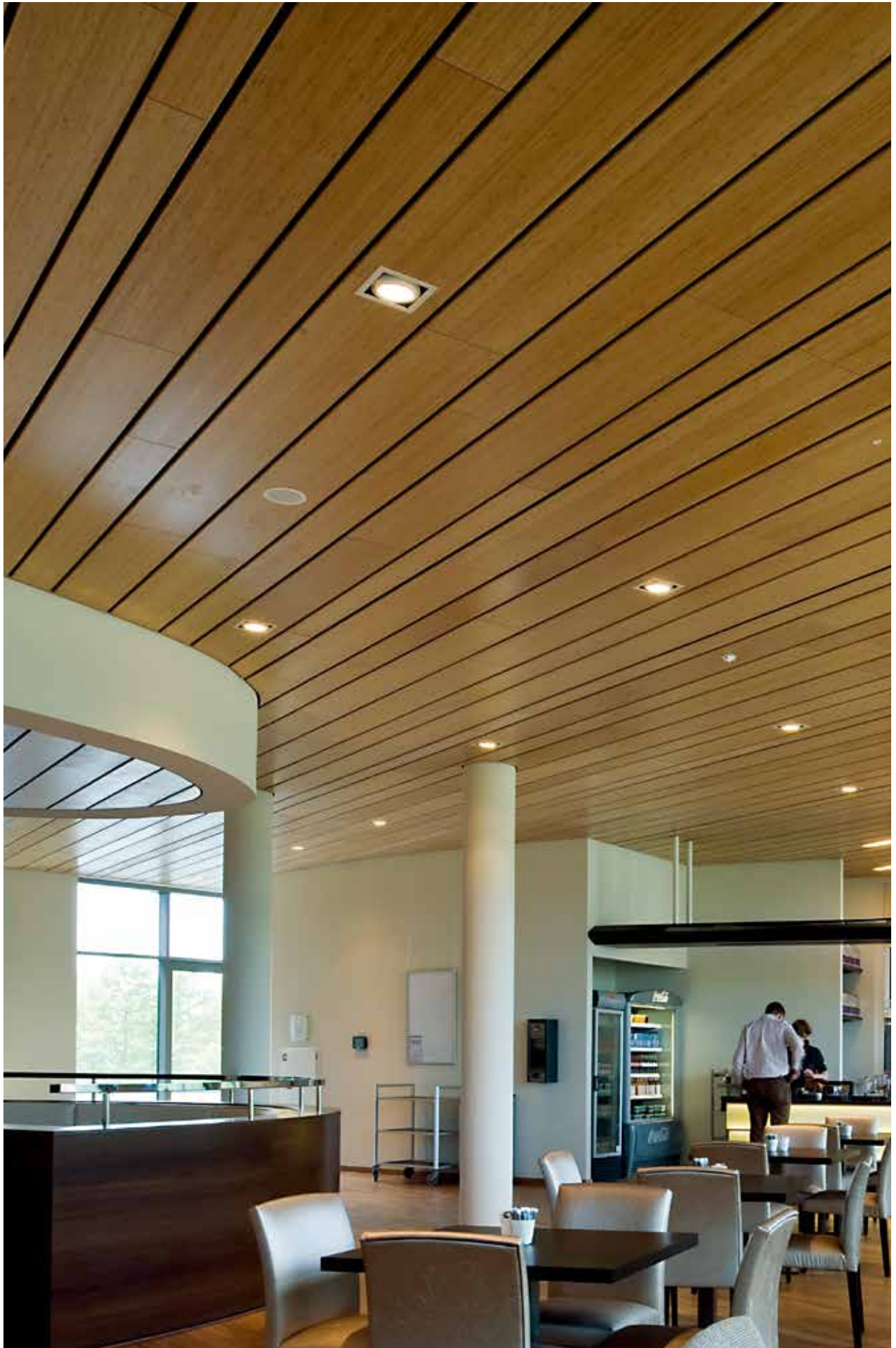
Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

Engineered special veneers

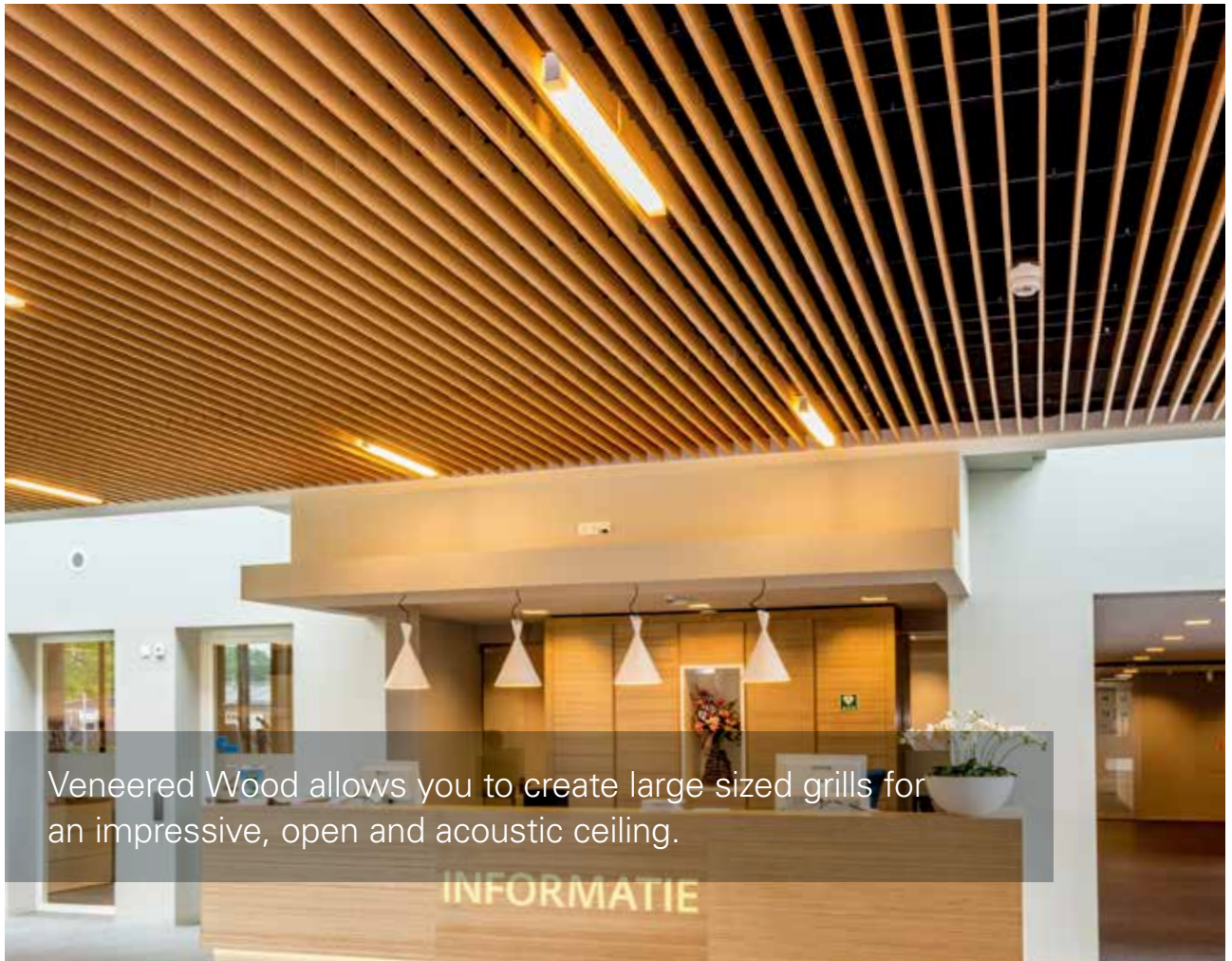


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

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



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.

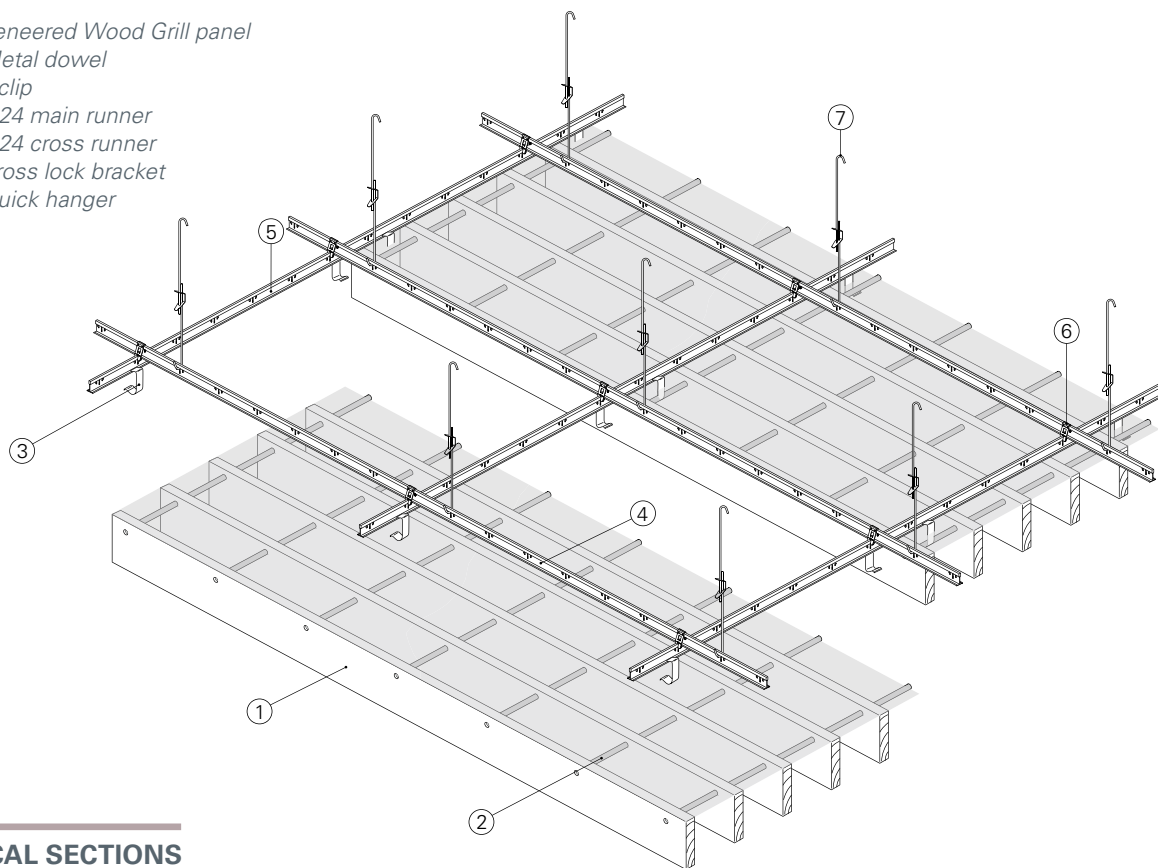
Project: City Hall, Didam, The Netherlands - Product: Veneered Wood Grill, Ash - Architect: De Twee Snoeken

KEY FEATURES

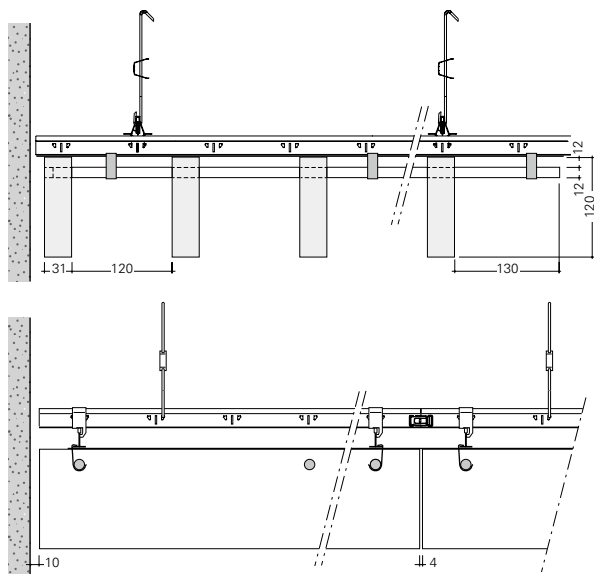
- Interior applications
- Panel width: 17 - 20 - 26 - 31 mm
- Panel height: 65 - 150 mm
- Joint width: 50 - 150 mm
- Pre-assembled elements of +/- 300 x 2700 mm or cassettes in 600/1200 x 600 mm
- Other sizes are available upon request
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Available as grill elements or cassettes
- Clear and coloured stains available
- Also available as wall solution (see page 328) or exterior application (see page 276)
- 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 = Quick hanger



TYPICAL SECTIONS



PHYSICAL DATA

Acoustic rating: Up to α_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

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 Ash BF050 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

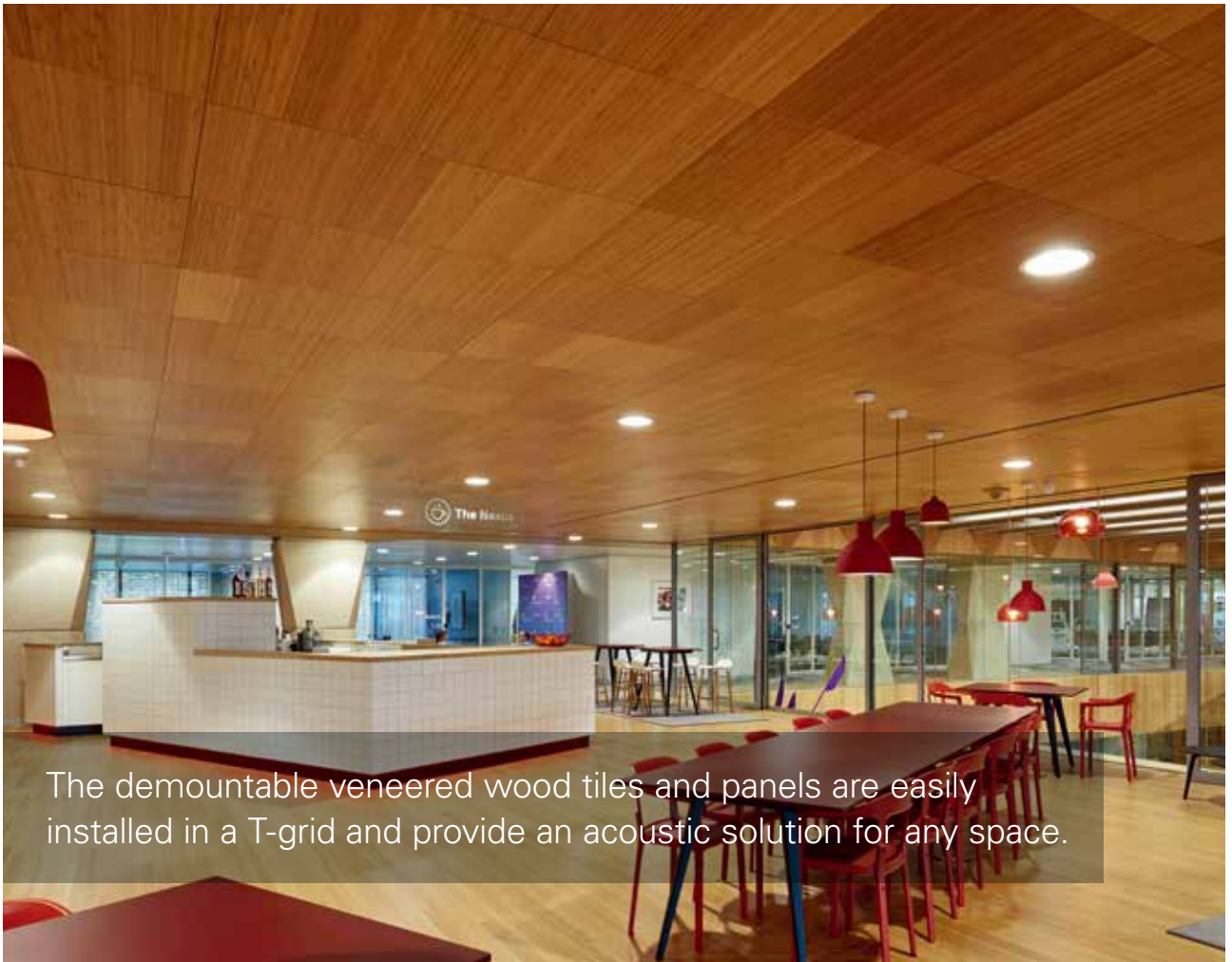


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

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



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.

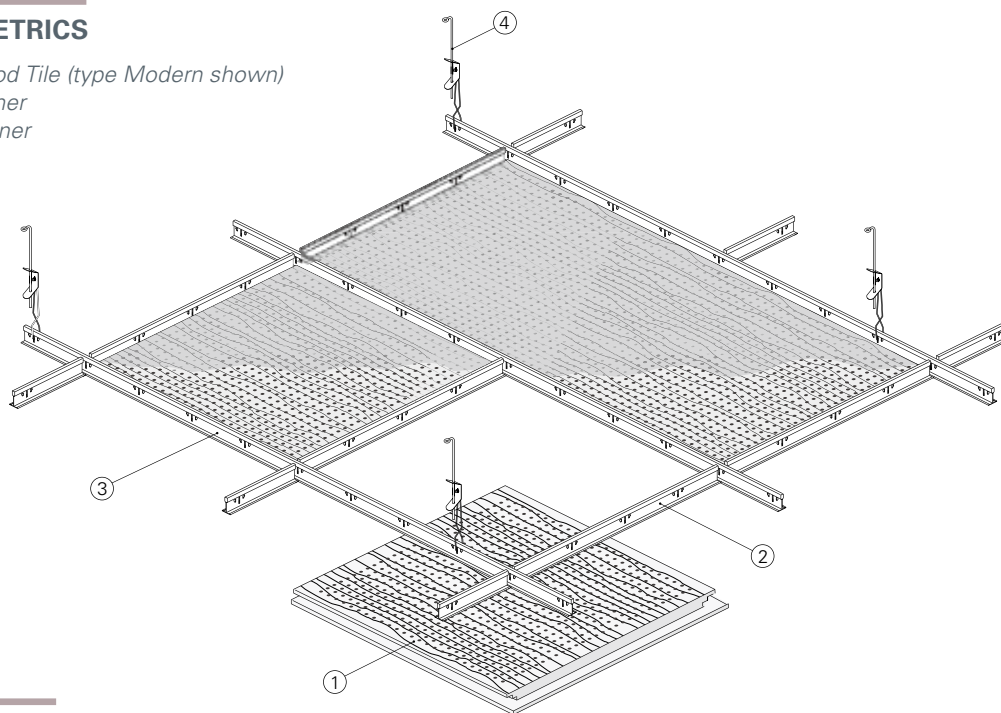
Project: Smart Campus, Heerlen, Netherlands - Product: Veneered Wood Panels - Architect: Van Eijk and van der Lubbe

KEY FEATURES

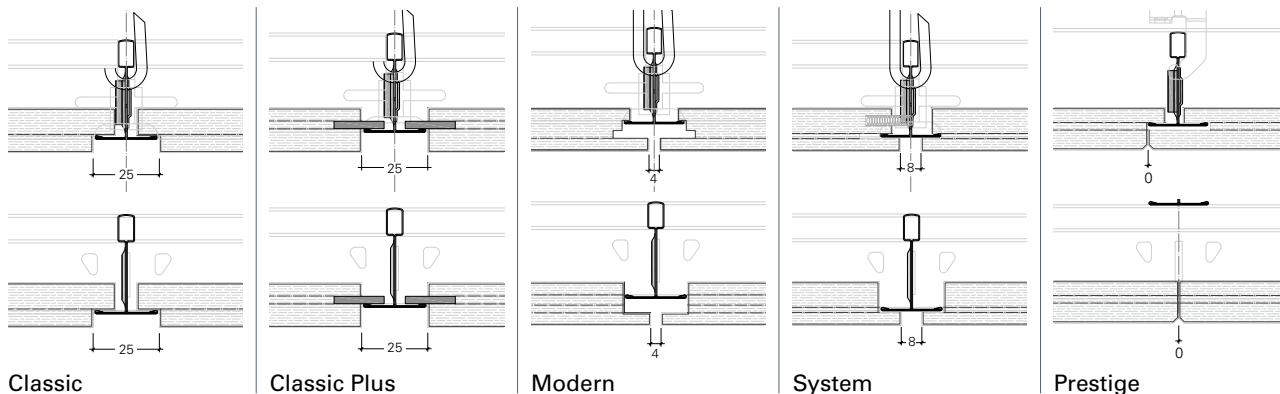
- Interior applications
- Tile sizes: 300/600/900/1200 x max. 1200 mm, other sizes available upon request
- Installed in T24 grid, with exposed/semi-concealed/concealed detail
- Types: Classic / Classic Plus / Modern / Prestige / System
- Various perforation patterns for acoustical performance
- Other sizes are available upon request
- Nano perforation for high acoustics up to α_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 332) or exterior application (see page 280)
- 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



Classic

Classic Plus

Modern

System

Prestige

PERFORATION PATTERNS

Standard patterns shown. See page 391 to see all perforation patterns.
Scale 1:1 shown, unless otherwise noted.

(Scale 1:5)	(Scale 1:5)	(Scale 1:5)	(Scale 1:5)	(Scale 1:20)	(Scale 1:20)	(Scale 1:5)
R7015 Ø 7 mm ⌀ 16 ⇔ 16 Single Round Regular Openness 15%	D10008 Ø 10 mm ⌀ 32 ⇔ 32 Single Round Irregular Openness 8%	R1503A Ø 1.5 mm ⌀ 8 ⇔ 8 Double Round Regular Openness 3%	R5008B Ø 5 mm ⌀ 16 ⇔ 16 Double Round Regular Openness 8%	D0505A Ø 0.5 mm ⌀ 1.9 ⇔ 1.9 Nano Perfo Irregular Openness 23.9%	R9711S WxH 97/8 mm ⌀ 48 ⇔ 132 Slotted perfo Regular Openness 11%	D9711S WxH 97/8 mm ⌀ 48 ⇔ 132 Slotted perfo Irregular Openness 11%
						Topline® 28/4 Plain 28 mm Groove 4 mm Openness 13%

PHYSICAL DATA

Acoustic rating: Up to α_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

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 Ash BF050 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

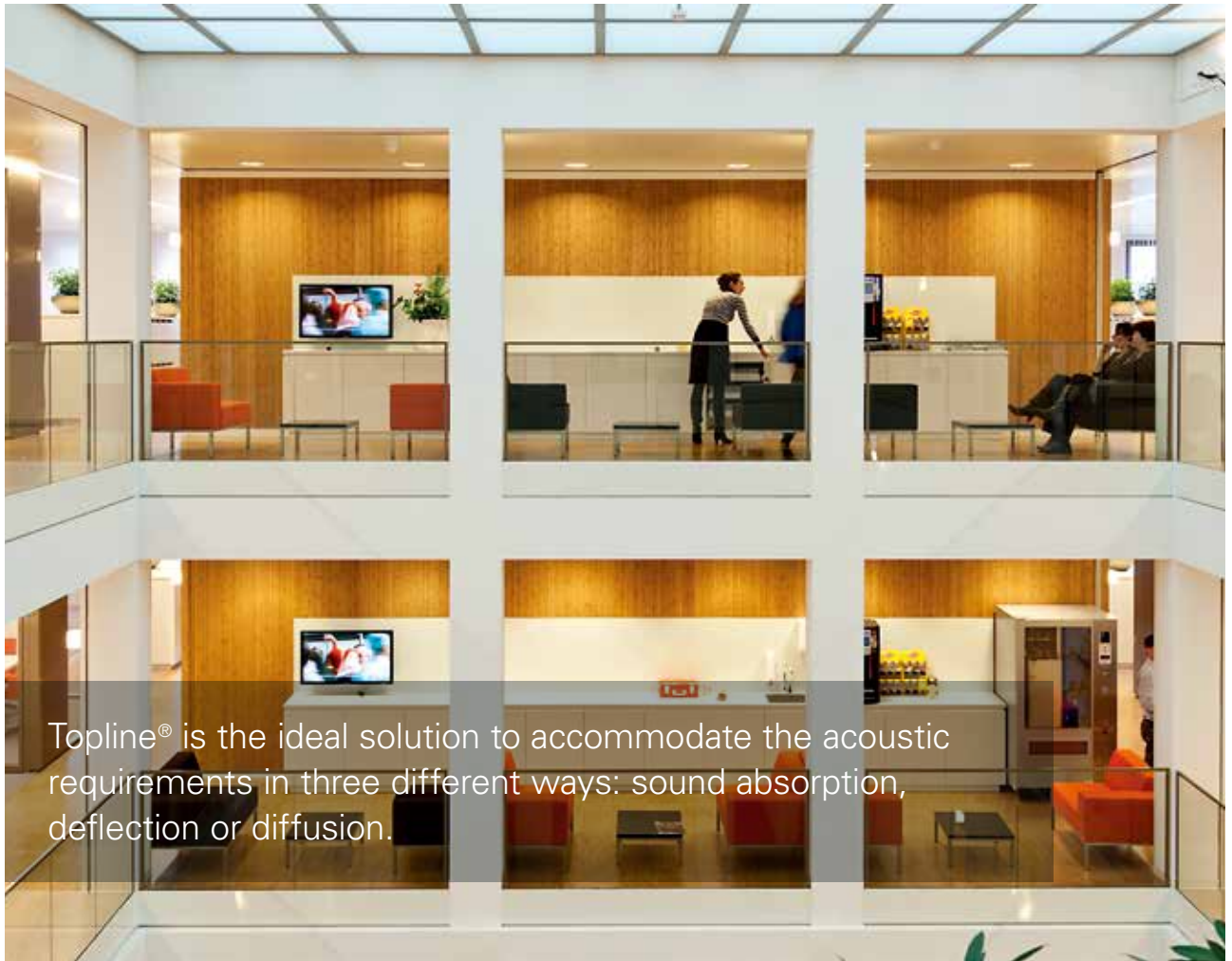


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

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



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.

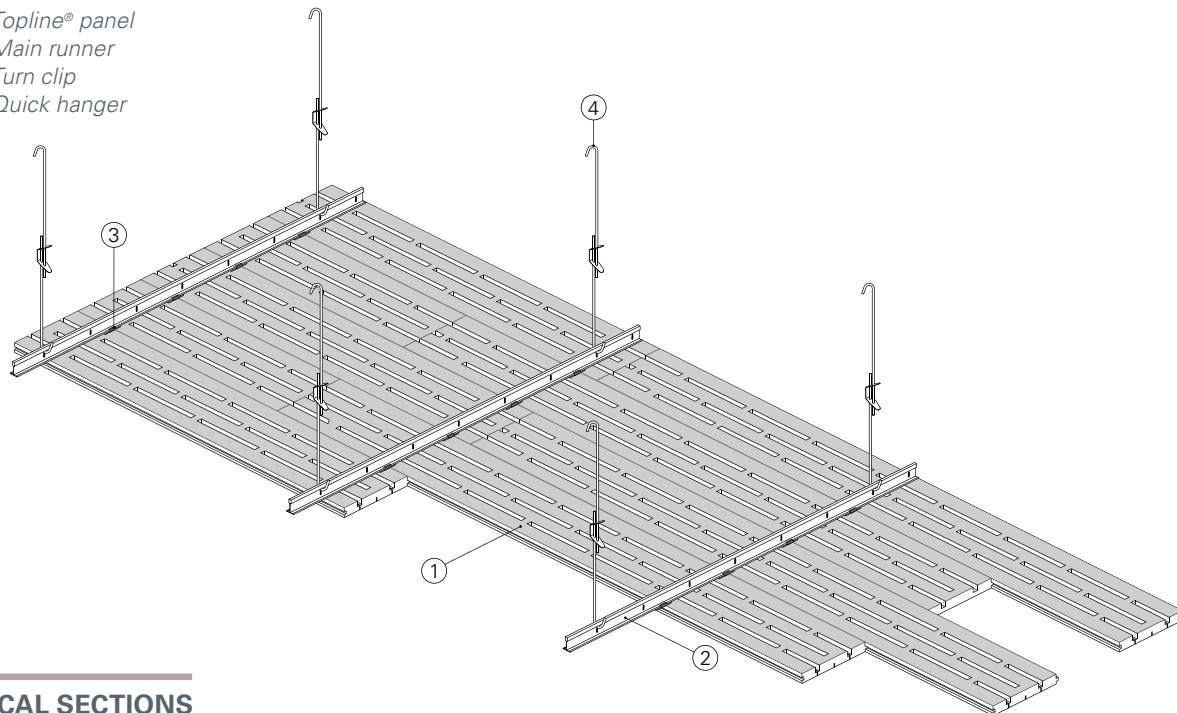
Project: Rabobank Doetinchem, The Netherlands - Product: Topline TLS 13/3, Bamboo - Architect: AWG Architecten

KEY FEATURES

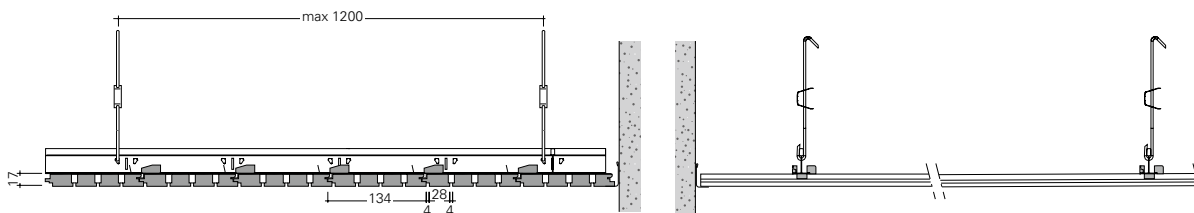
- Interior applications
- Panel sizes: 128/262 x 2050/2780 mm
- Installed in T24 grid, with tongue and groove connection
- Types: TTA / TLS / TVB / TLD / TLQ
- Various perforation designs
- Acoustic solution for sound absorption / deflection / diffusion
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Clear and coloured stains available
- Demountable system for easy access to plenum
- Also available as wall solution, see page 328
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services

TYPICAL ISOMETRICS

- 1 = Topline® panel
- 2 = Main runner
- 3 = Turn clip
- 4 = Quick hanger



TYPICAL SECTIONS



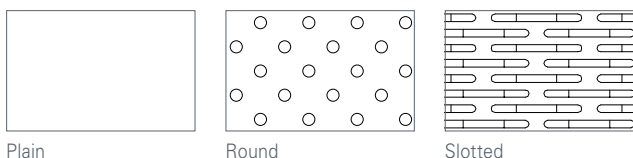
PERFORATION PATTERNS

Standard patterns shown. See page 391 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)



PHYSICAL DATA

Acoustic rating: Up to α_{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

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 Ash BF050 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



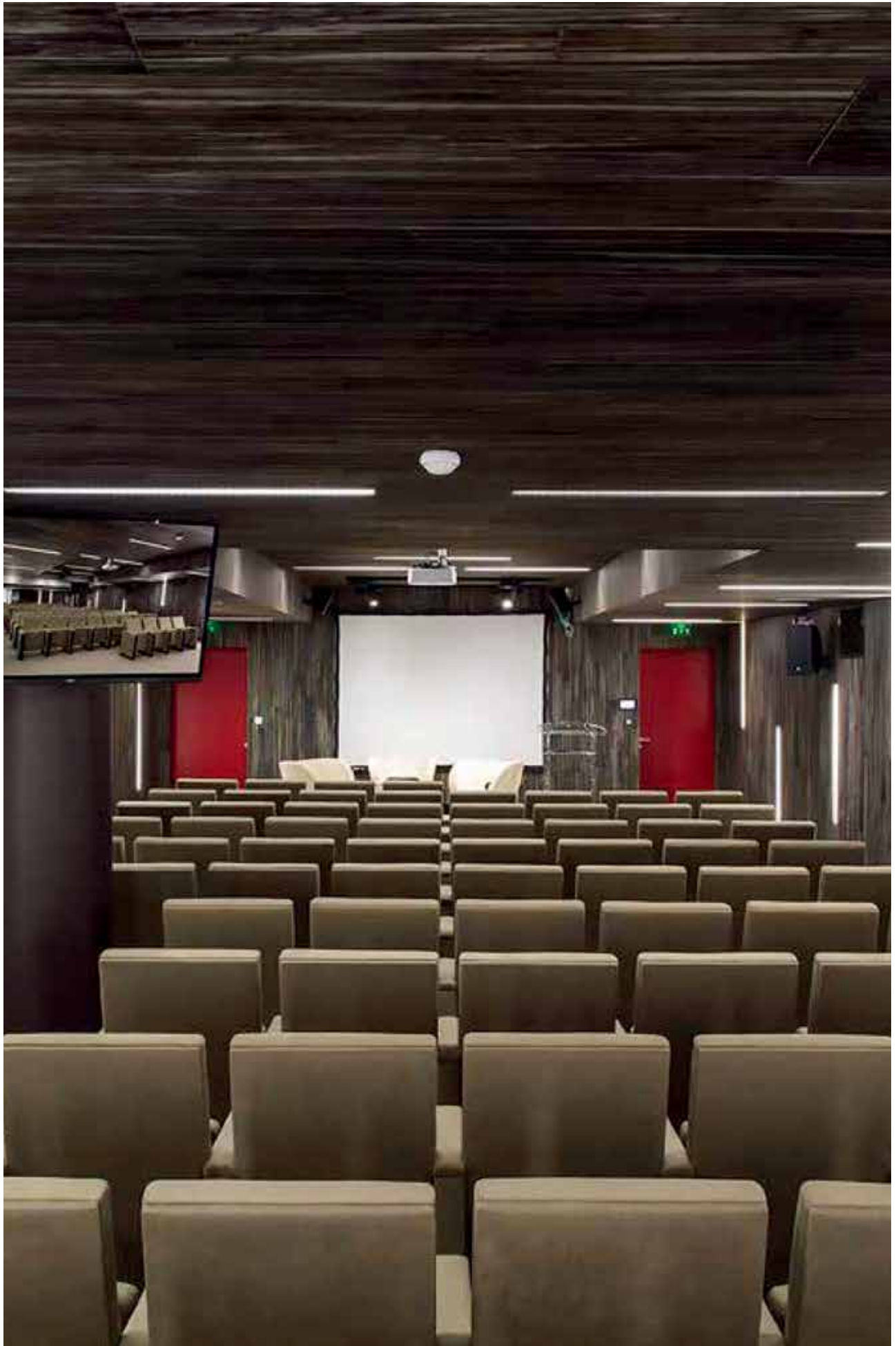
Grenada Porto Rico Martinique St Barth Aruba Barbados Anguilla Dominica

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.



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.

Project: EKZ Mall, Leipziger Platz, Berlin, Germany - Product: Multi-Panel 30BD and 80B, Metal Woodprint - Architect: ARGE LP12

KEY FEATURES

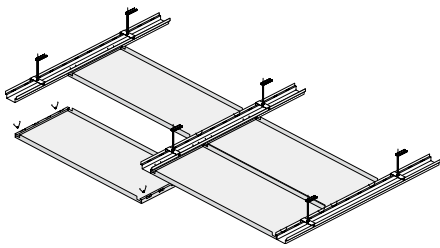
- Interior applications
- Realistic wood designs available for our metal ceilings range
- Use the benefits of metal, with the looks of natural wood
- Direct print or transfer prints solutions
- Acoustic solutions available
- Also available for exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Project : Shopping Center Las Huertas,
 Palencia, Spain
 Product : Multi-Panel 30BD, Metal Woodprint
 Architect: B+R Arquitectos Asociados

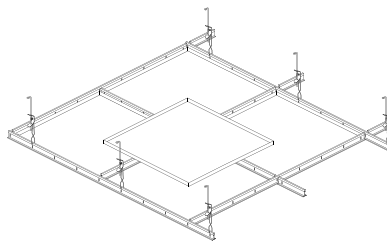


WOODPRINT APPLICATIONS

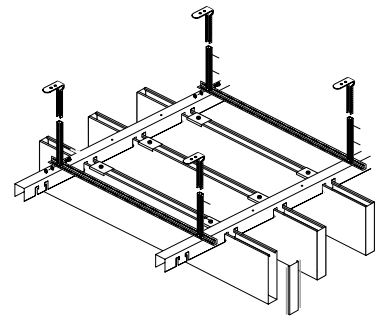
Woodprint finishes are available as standard for the following HunterDouglas® Metal Ceilings:



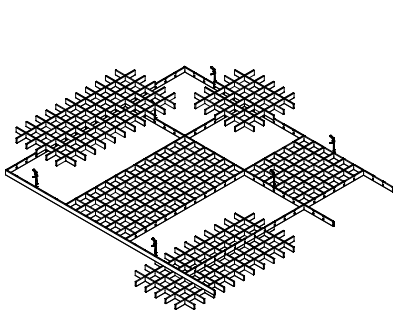
Planks (see page 60 - 107)



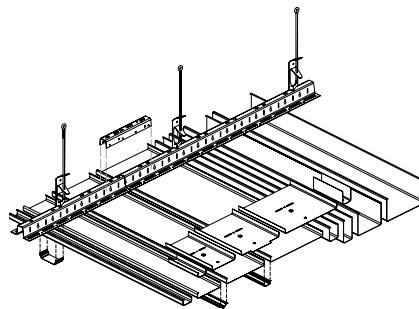
Tiles (see page 108 - 123)



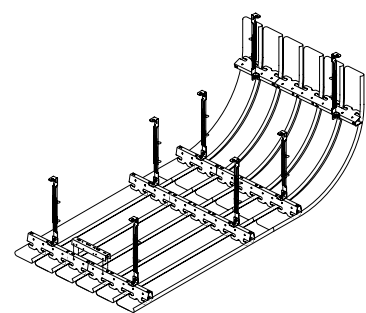
Baffles (see page 196 - 217)



Cell (see page 218 - 229)



Linear (see page 230 - 253)



Curved (see page 254 - 265)

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



8476 Cedar 8474 Pine 8494 Oak 8492 Birch 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.



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

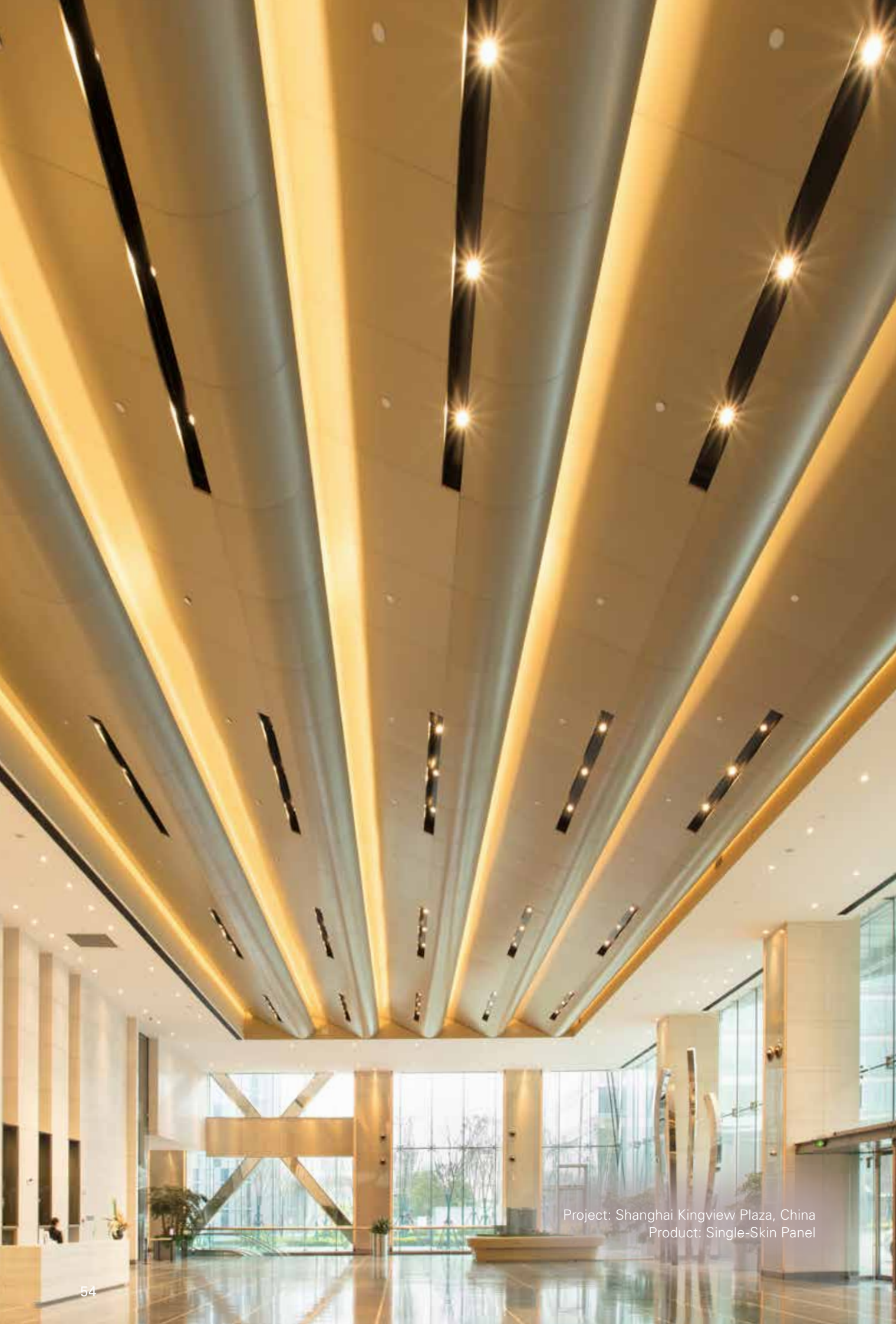


International Poznan Fairs, Poznan, Poland - Product: Multi-Panel 80B Interior and Exterior, Metal Woodprint - Architect: ADS Studio



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





Project: Shanghai Kingview Plaza, China
Product: Single-Skin Panel

METAL CEILING

With a 50 year legacy of product innovation, our metal ceiling and wall systems continue to lead in design, function and sustainability.





Project: Langfang Grand Theatre, Langfang, China
Architect: Nihon Sekkei
Product: Linear Ceiling



Project: T4 of Changi Airport, Singapore
Architect: Saa Architects Pte Ltd
Product: Linear Ceiling



Project: T2 of Yancheng Nanyang Airport, China
 Architect: ECADI
 Product: Luxalon® Metal Ceiling

METAL CEILINGS

PLANKS 60

TILES 108

STRETCH METAL 120

COMPOSITE PANEL 152

QUADROCLAD® ACOUSTIC 160

WIDE PANEL 180

BAFFLES 196

CELL 218

LINEAR 230

CURVED 254



Project: Aeroporto di Genova, TGenoa, Italy - Product: Planks Bandraster

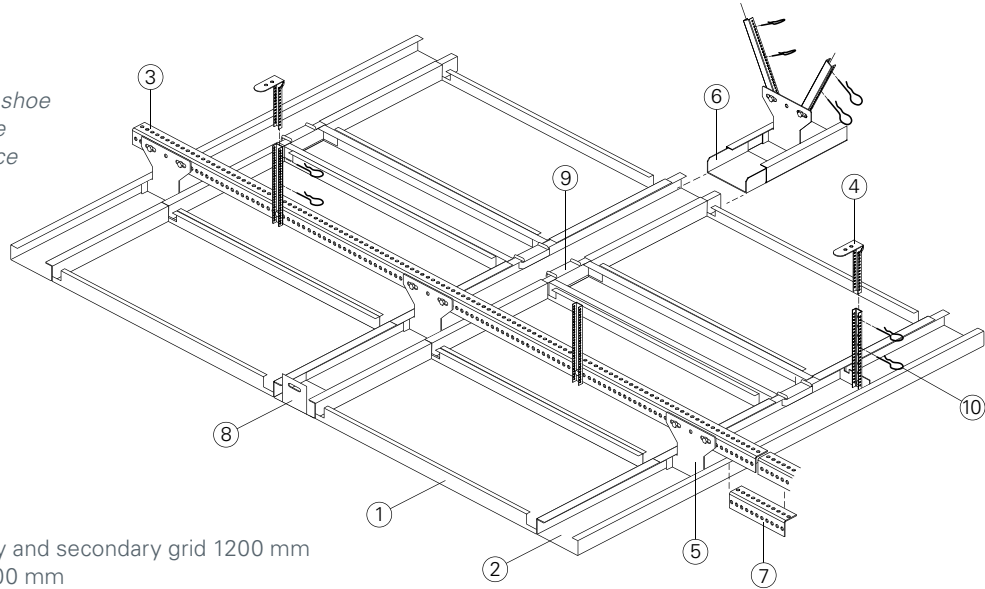
KEY FEATURES

- 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

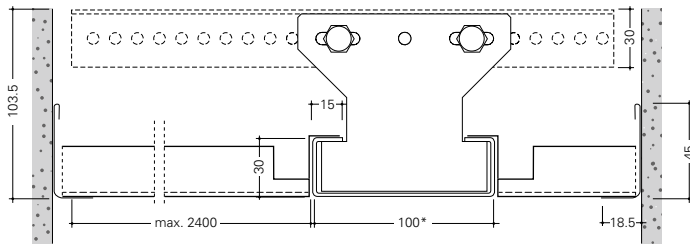
TYPICAL ISOMETRICS

- 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103	P123	P106	P122	P129
Ø 2.9 mm	Ø 2.4 mm	Ø 2.4 mm	Ø 1.9mm	Ø 2.6 mm
⇄ 5.5 ⇄ 6.35	⇄ 4.33 ⇄ 5	⇄ 5.5 ⇄ 5.5	⇄ 4 ⇄ 4	⇄ 5 ⇄ 5
Openness 20%	Openness 20.9%	Openness 16%	Openness 18%	Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
- 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.

STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C





Swing Down 1 metal ceiling systems swing down laterally and offer simple and customisable ceiling solutions.

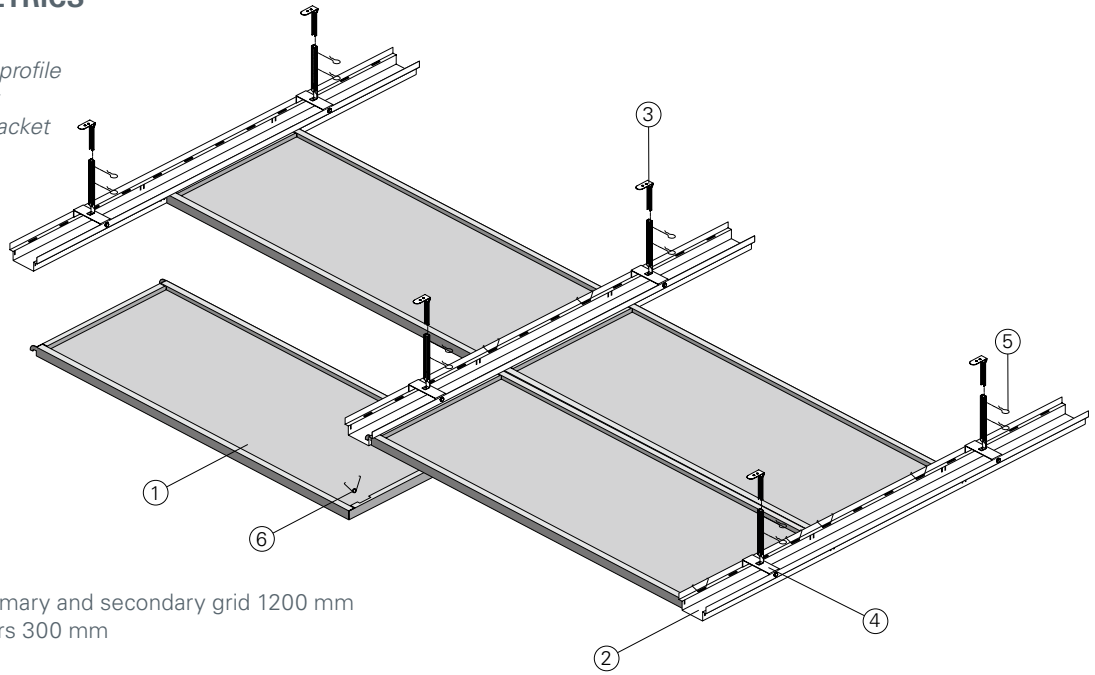
KEY FEATURES

- 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*

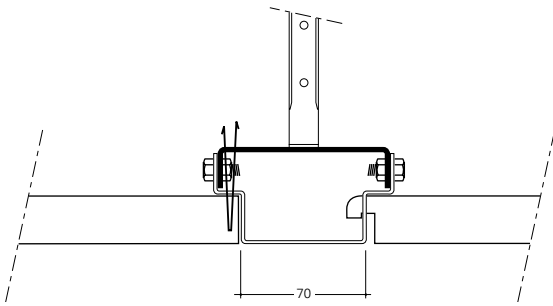
TYPICAL ISOMETRICS

- 1 = SD plank
- 2 = Torsion spring profile
- 3 = Nonius hanger
- 4 = Suspension bracket
- 5 = Locking clips
- 6 = Torsion spring



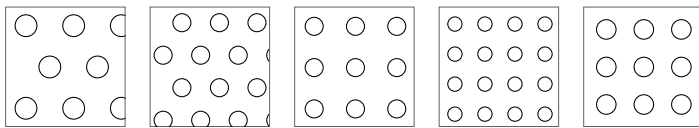
Maximum spans primary and secondary grid 1200 mm
 Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.



P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%
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PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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

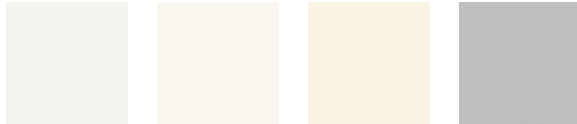
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

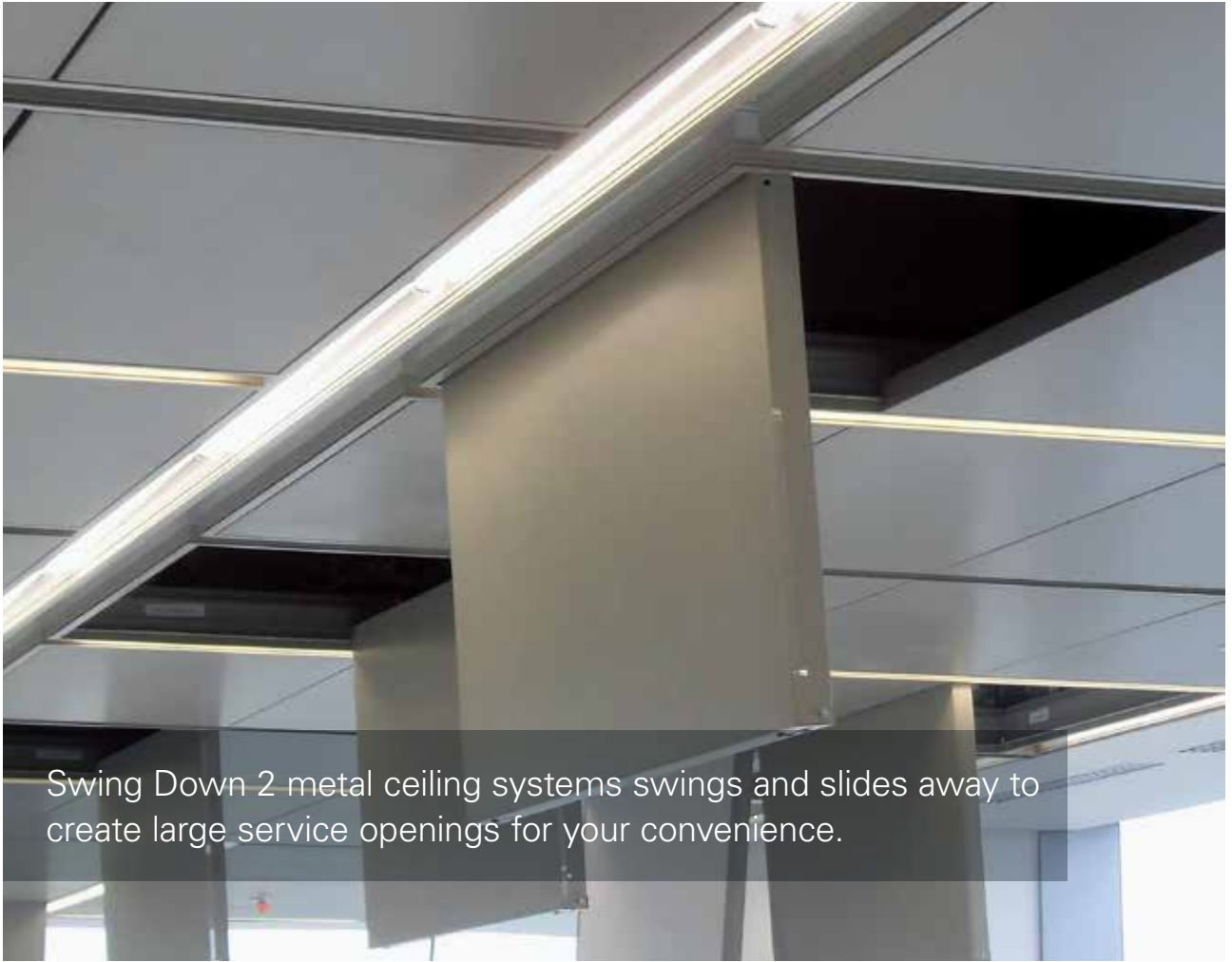
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C





Swing Down 2 metal ceiling systems swings and slides away to create large service openings for your convenience.

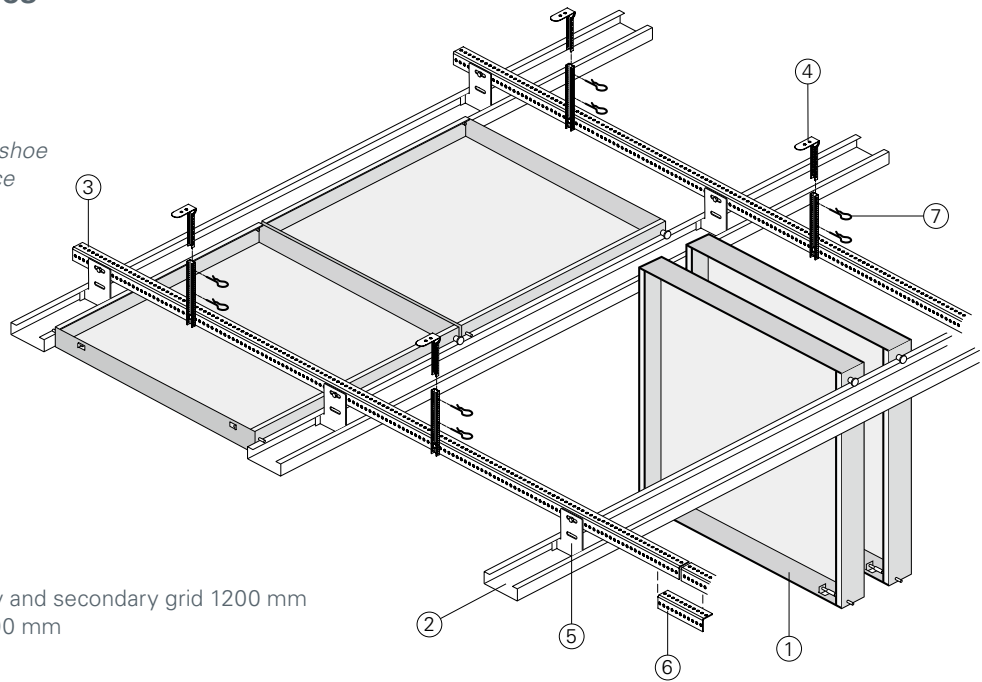
KEY FEATURES

- 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*

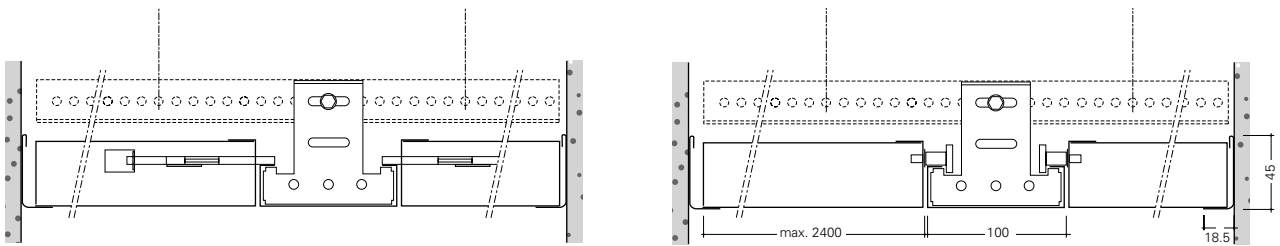
TYPICAL ISOMETRICS

- 1 = SD plank
- 2 = C-Grid profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = C-Grid suspension shoe
- 6 = Primary profile splice
- 7 = Locking clips



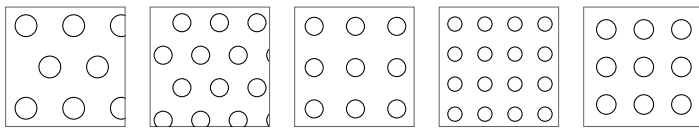
Maximum spans primary and secondary grid 1200 mm
 Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.



P103 Ø 2.9 mm ⇕ 5.5 ⇔ 6.35 Openness 20%	P123 Ø 2.4 mm ⇕ 4.33 ⇔ 5 Openness 20.9%	P106 Ø 2.4 mm ⇕ 5.5 ⇔ 5.5 Openness 16%	P122 Ø 1.9mm ⇕ 4 ⇔ 4 Openness 18%	P129 Ø 2.6 mm ⇕ 5 ⇔ 5 Openness 21%
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PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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

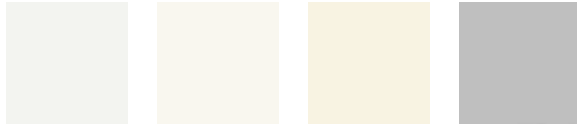
CERTIFICATIONS

- TAIM QS
- French VOC Regulation: Class A
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

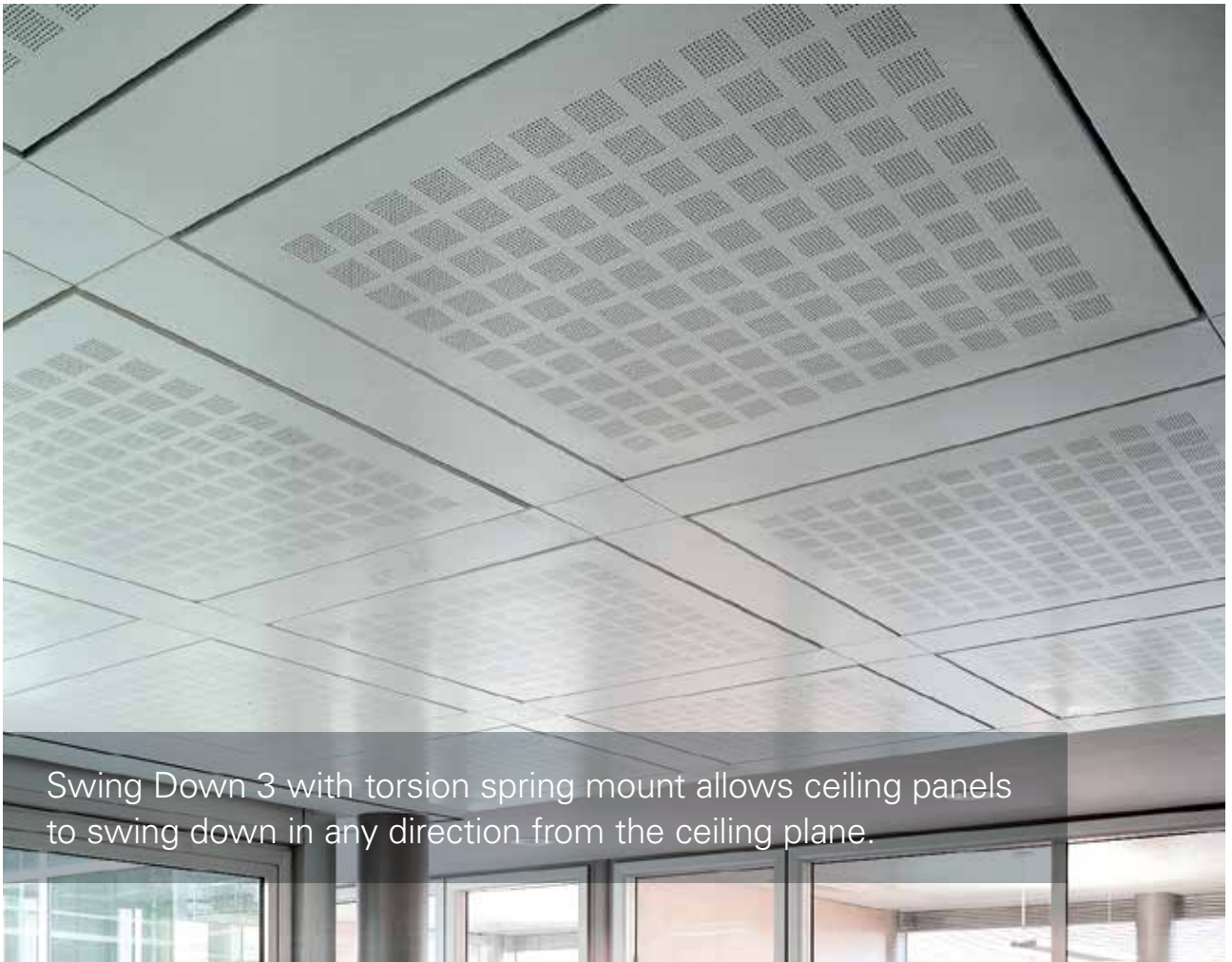
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C





Swing Down 3 with torsion spring mount allows ceiling panels to swing down in any direction from the ceiling plane.

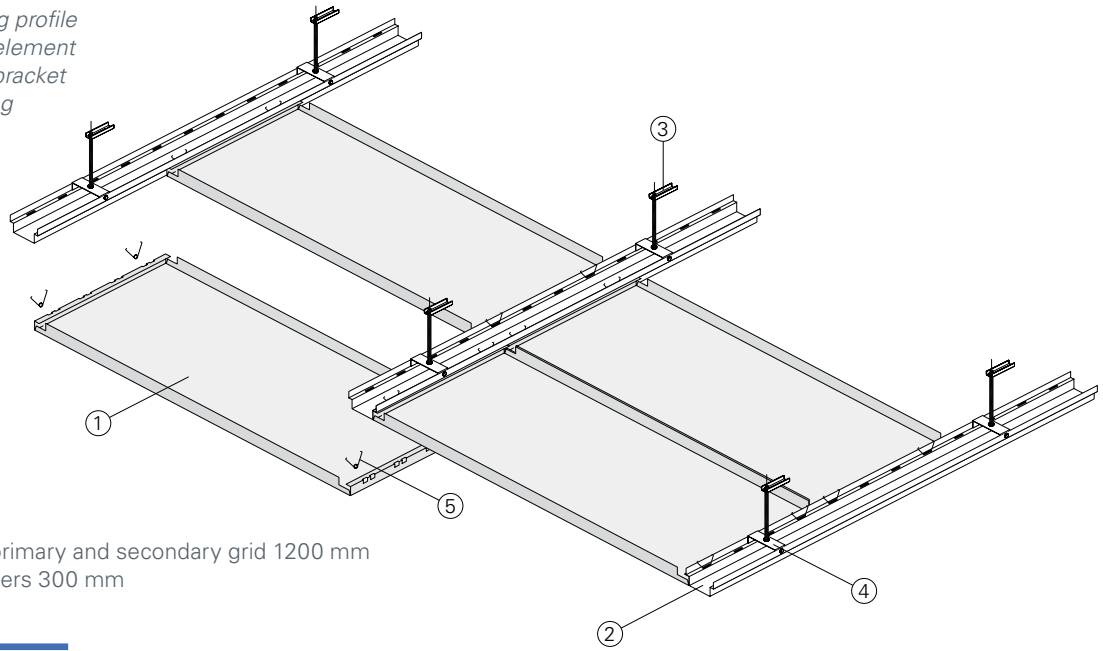
KEY FEATURES

- 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*

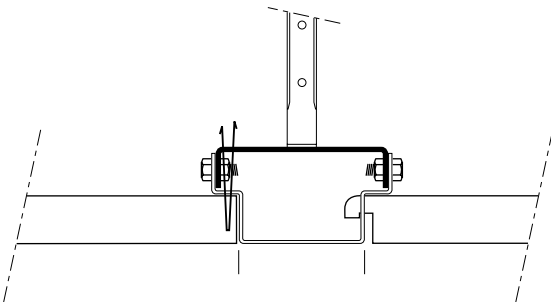
TYPICAL ISOMETRICS

- 1 = 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS

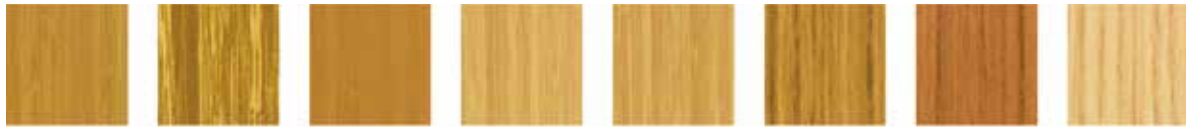


0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

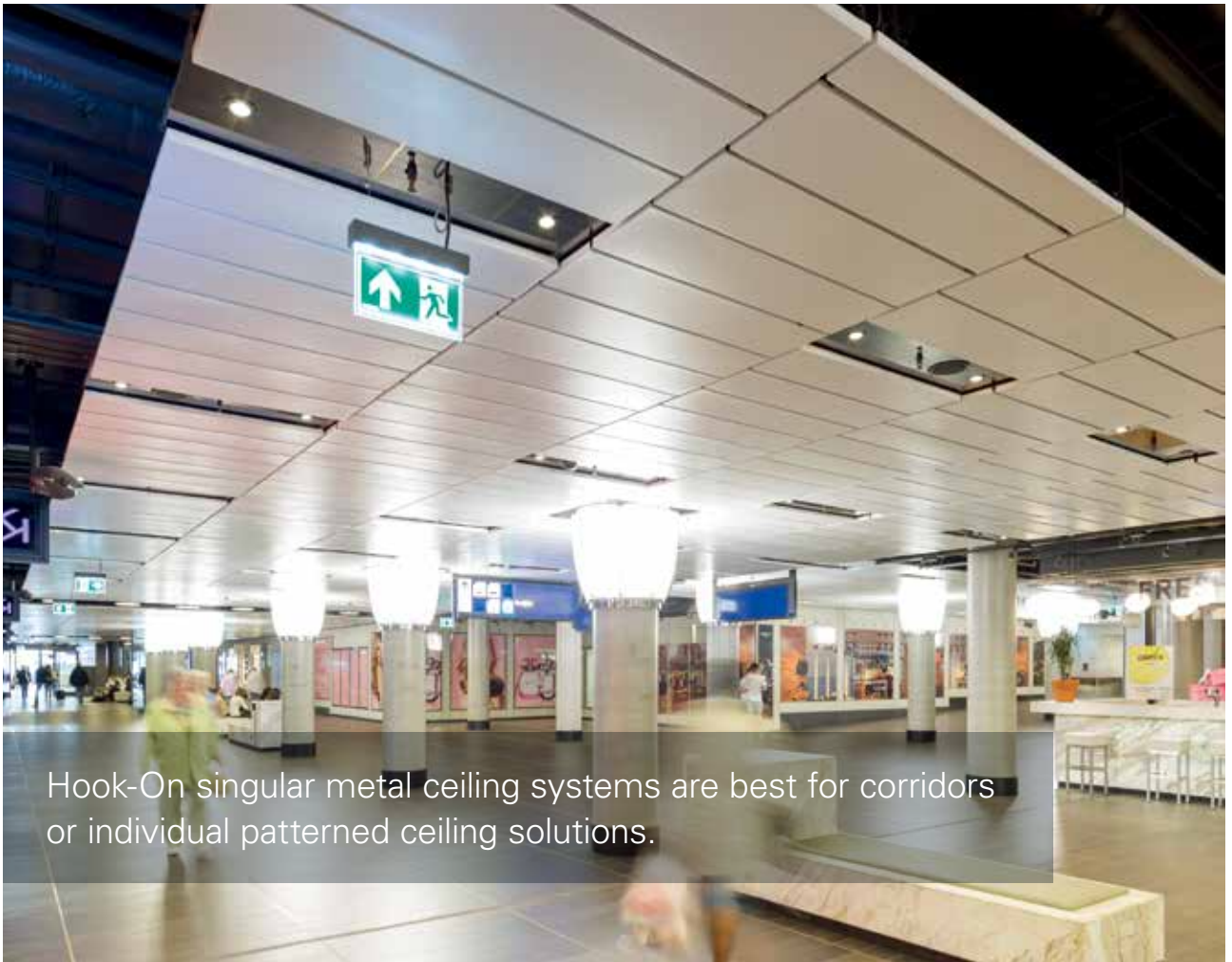
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C





Hook-On singular metal ceiling systems are best for corridors or individual patterned ceiling solutions.

Project: Poortvrije Passages Amsterdam, The Netherlands - Product: Planks Hook on singular - Architect: Benthem Crouwel Architects / Powerhouse Company / Merk X

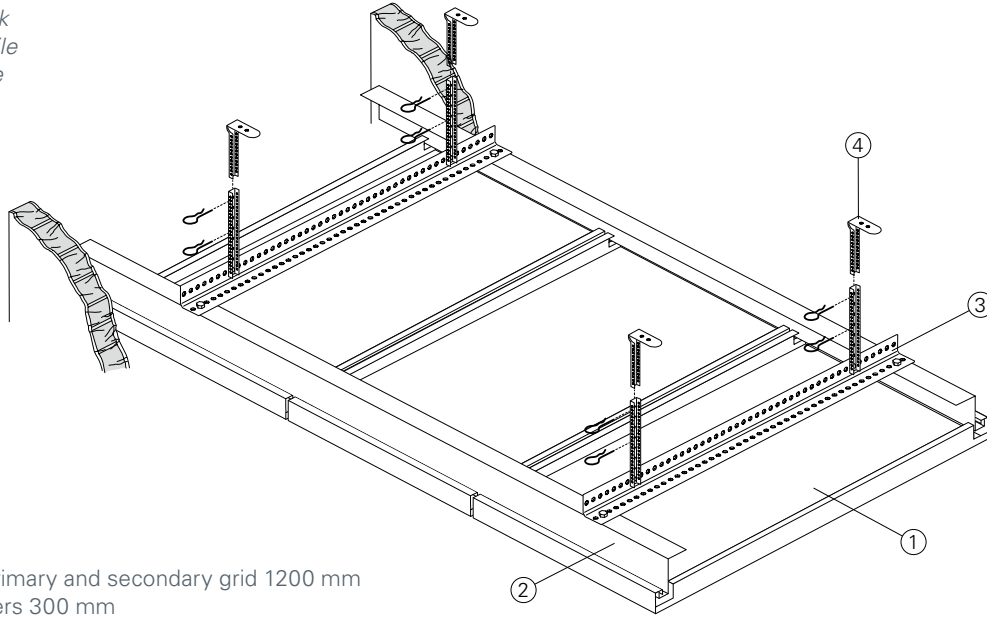
KEY FEATURES

- 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*

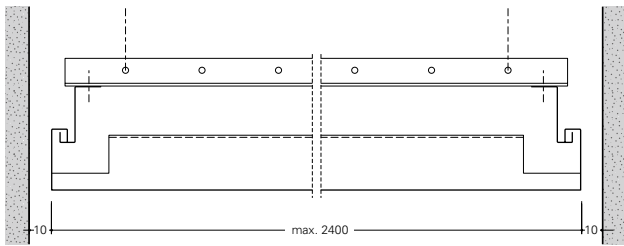
TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension



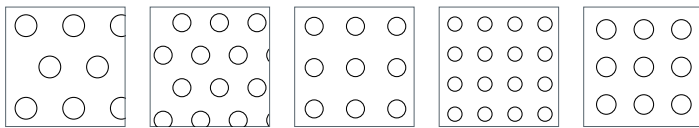
Maximum spans primary and secondary grid 1200 mm
 Maximum cantilevers 300 mm

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.



P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%
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PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

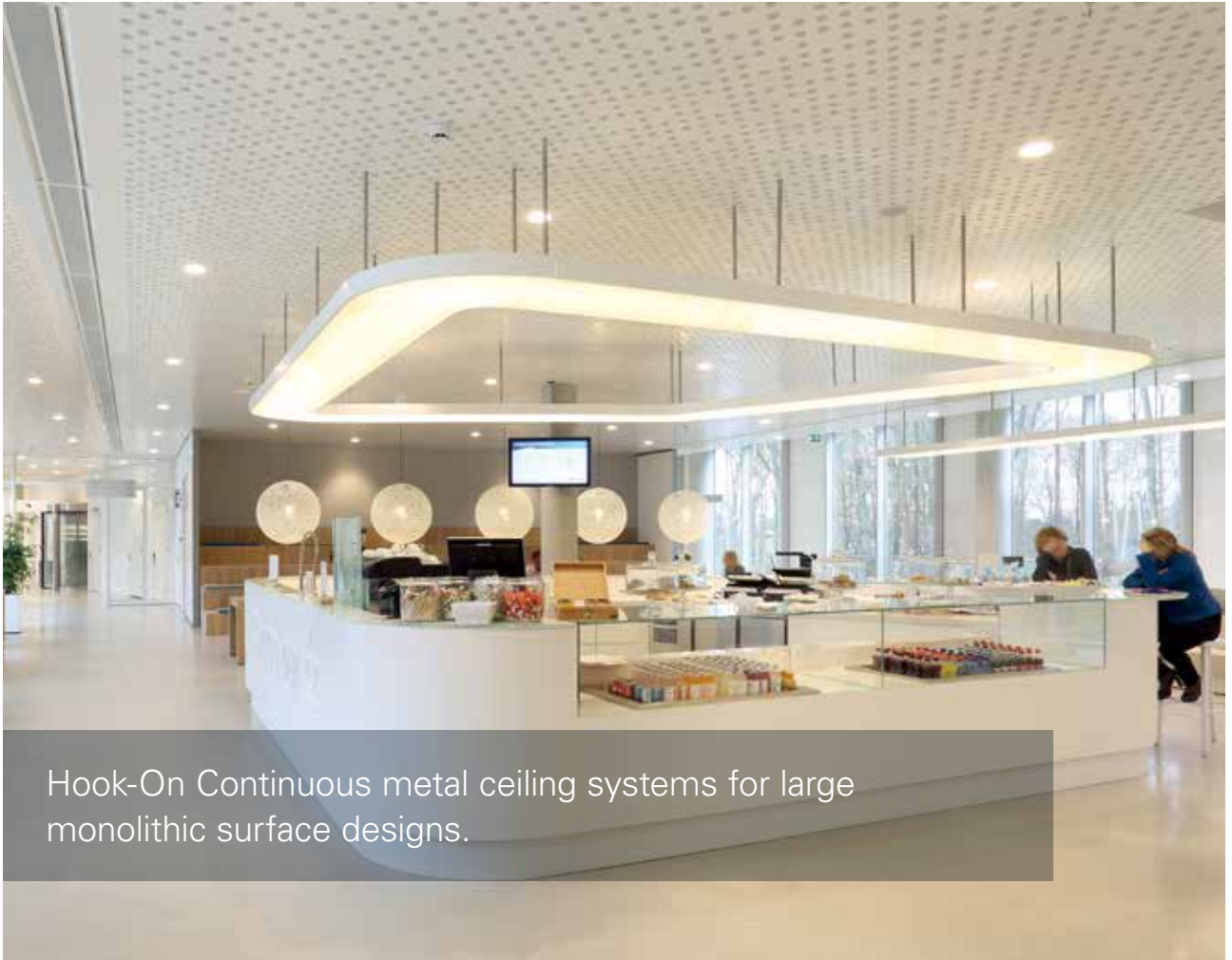
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Poortvrije Passages Amsterdam, The Netherlands; Hook-On panels - Architect: Benthem Crouwel Architects / Powerhouse Company / Merk X



Hook-On Continuous metal ceiling systems for large monolithic surface designs.

Project: Headquarter European Grid Manager, Arnhem, The Netherlands - Product: Planks Hook on continuous - Architect: Studio Groen + Schild

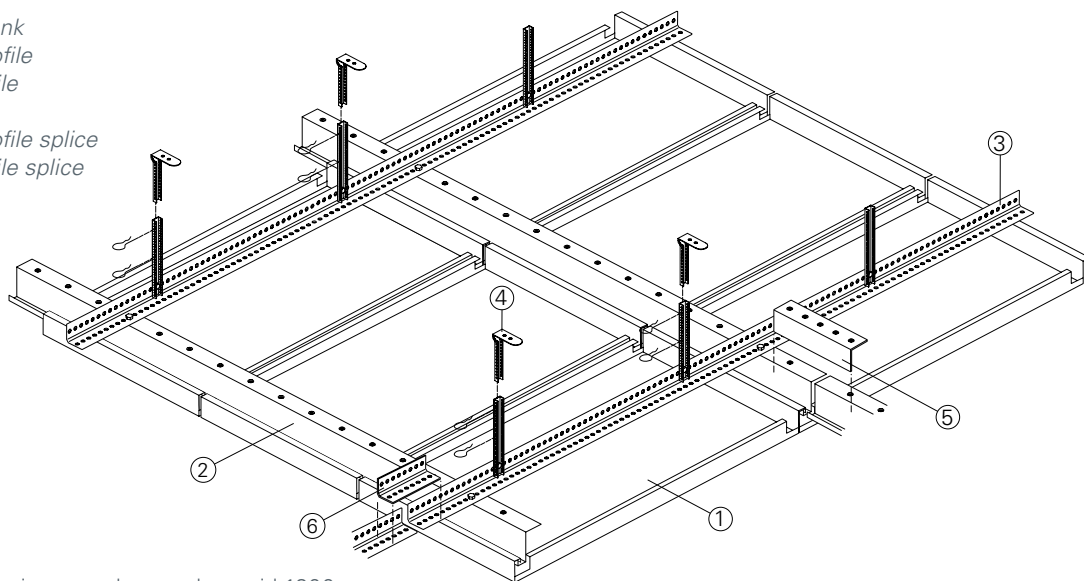
KEY FEATURES

- 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*

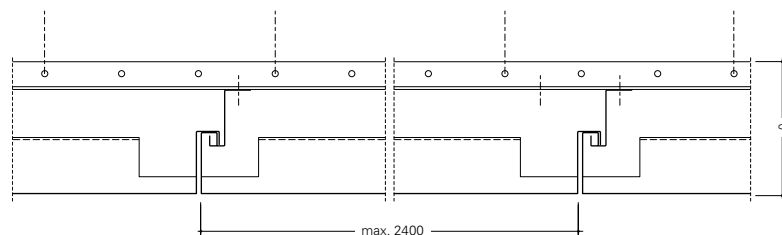
TYPICAL ISOMETRICS

- 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

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

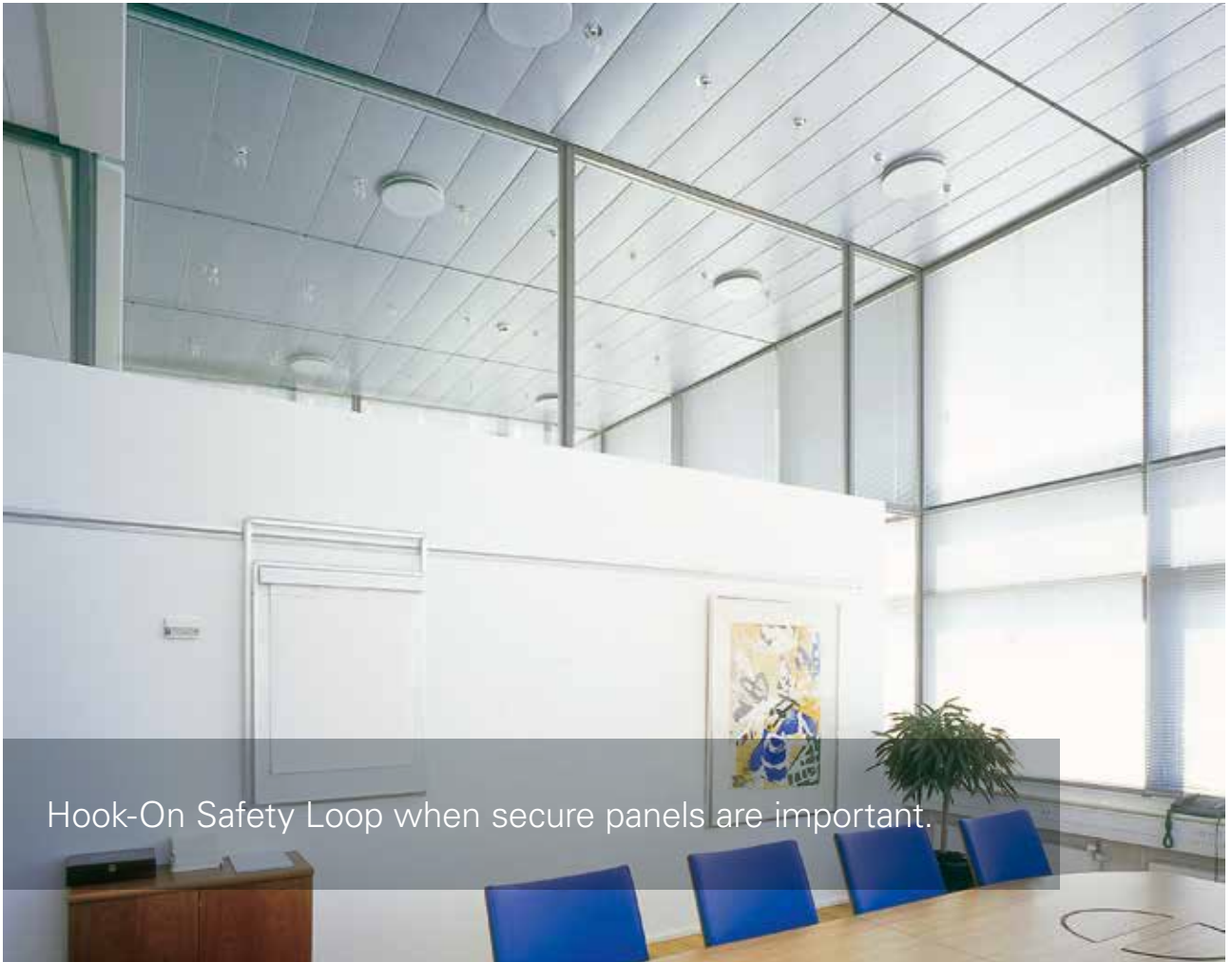
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Stare Bielany Metro Station, Warsaw, Poland - Product: Planks Hook on continuous



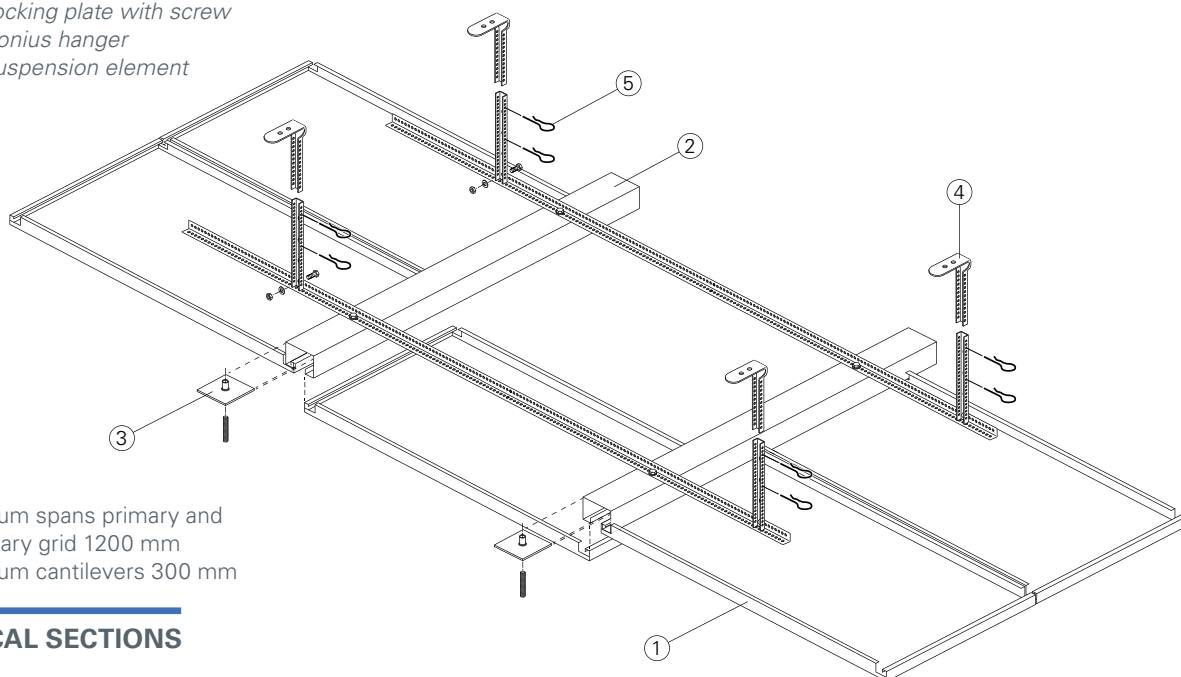
KEY FEATURES

- 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*

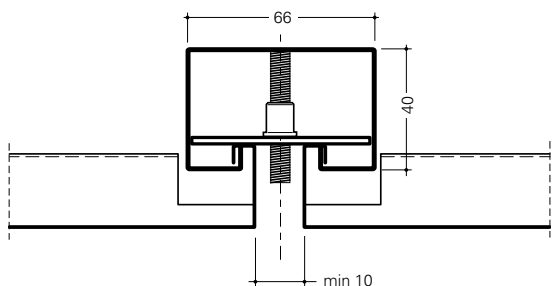
TYPICAL ISOMETRICS

- 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇕ 5.5 ⇔ 6.35 Openness 20%	P123 Ø 2.4 mm ⇕ 4.33 ⇔ 5 Openness 20.9%	P106 Ø 2.4 mm ⇕ 5.5 ⇔ 5.5 Openness 16%	P122 Ø 1.9mm ⇕ 4 ⇔ 4 Openness 18%	P129 Ø 2.6 mm ⇕ 5 ⇔ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C





Use Isola to create individually sized islands where design features or acoustics are a priority.

Project: Indianapolis Airport, Indianapolis, North America, USA - Product: Planks Isola - Architect: AeroDesign Group and HOK

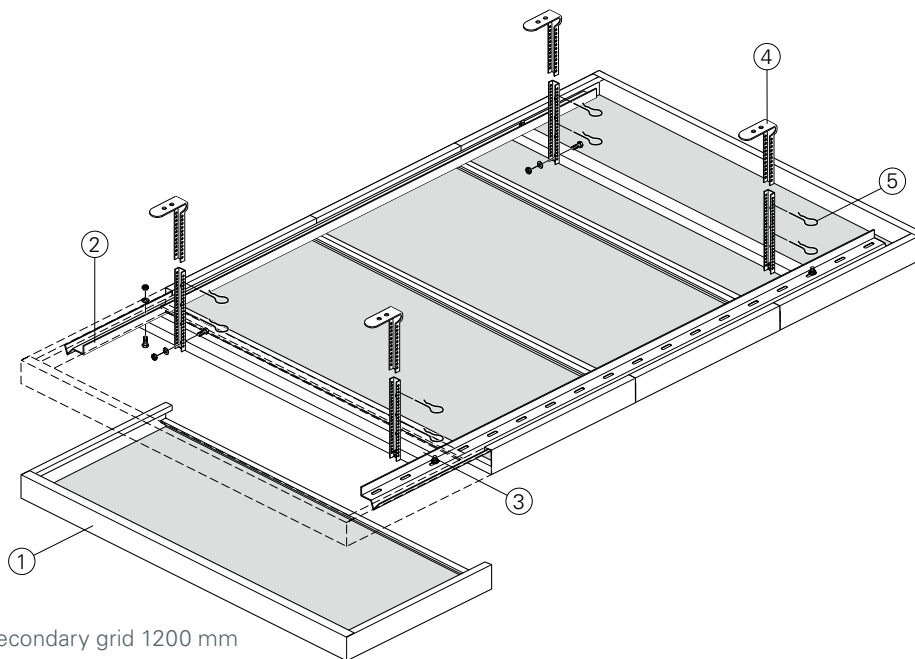
KEY FEATURES

- 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*

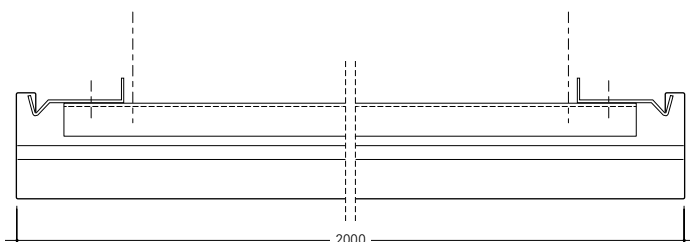
TYPICAL ISOMETRICS

- 1 = 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⌈ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⌈ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⌈ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⌈ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⌈ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Indianapolis Airport, Indianapolis, North America, USA - Product: Planks Isola - Architect: AeroDesign Group and HOK



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 Lay-on planks - Architect: Chapman Taylor Benelux

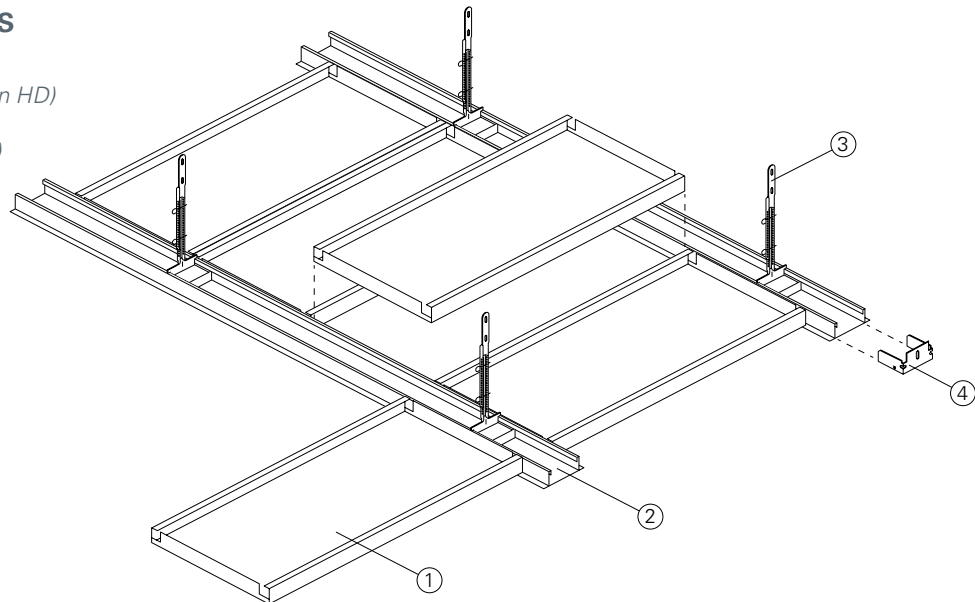
KEY FEATURES

- 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*

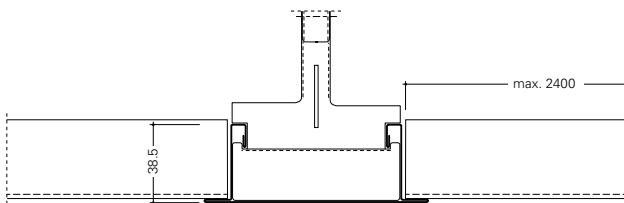
TYPICAL ISOMETRICS

- 1 = Lay-On Plank
- 2 = Bandraster profile (non HD)
- 3 = Suspension (non HD)
- 4 = Wall bracket (non HD)



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

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⌈ 5.5 ⇔ 6.35 Openness 20%	P123 Ø 2.4 mm ⌈ 4.33 ⇔ 5 Openness 20.9%	P106 Ø 2.4 mm ⌈ 5.5 ⇔ 5.5 Openness 16%	P122 Ø 1.9mm ⌈ 4 ⇔ 4 Openness 18%	P129 Ø 2.6 mm ⌈ 5 ⇔ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

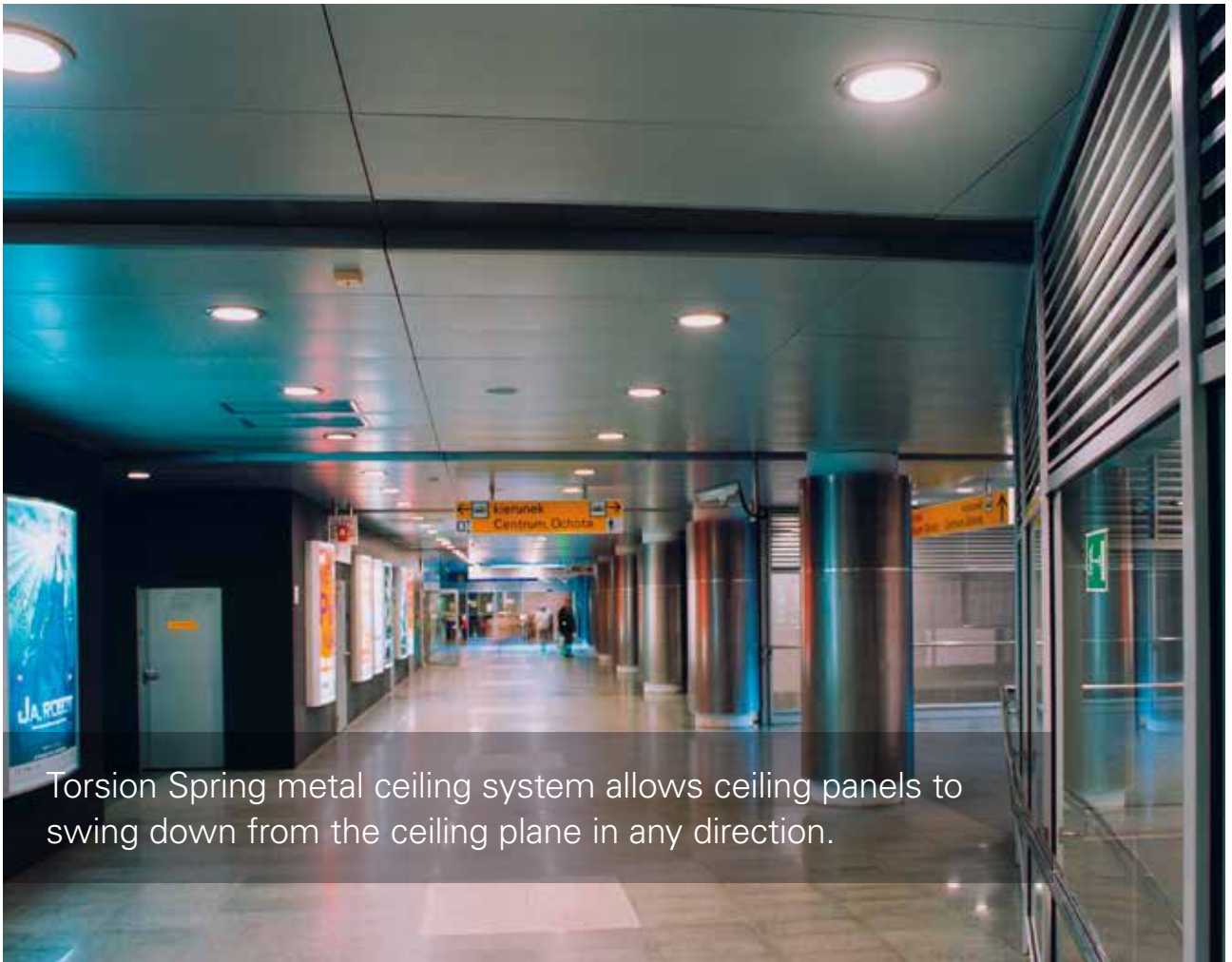
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Sint-Vincentius GZA Ziekenhuizen, Berchem, Belgium - Product: Planks Lay-on planks - Architect: Architectenbureau De Vloed



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 Torsion Spring Continuous - Architect: APA Kurylowicz

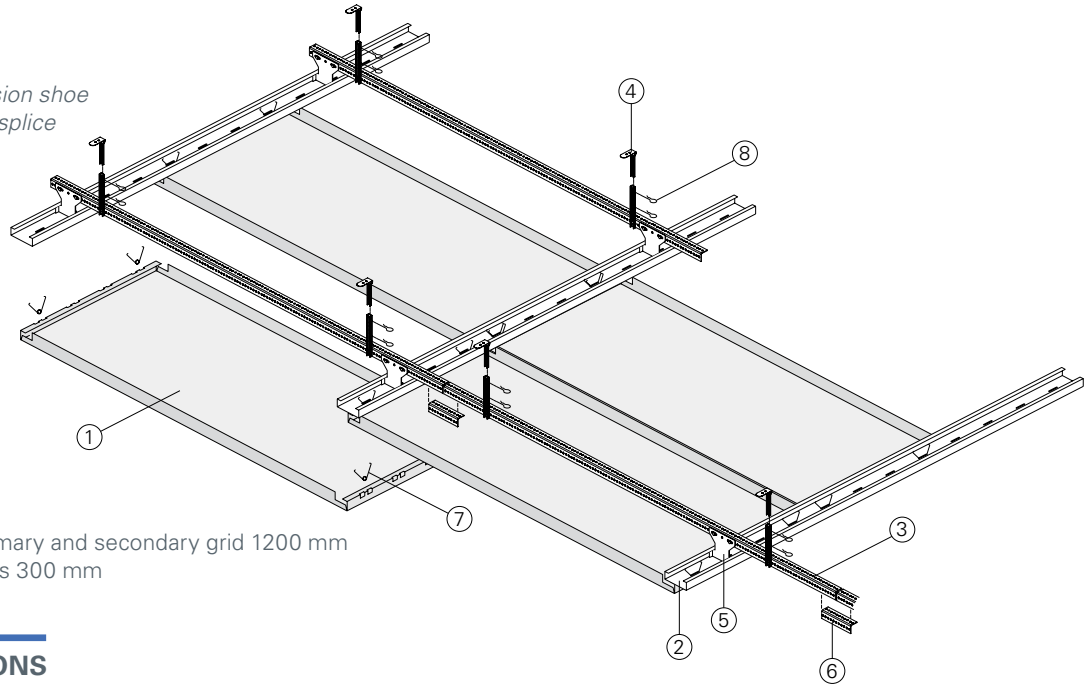
KEY FEATURES

- 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*

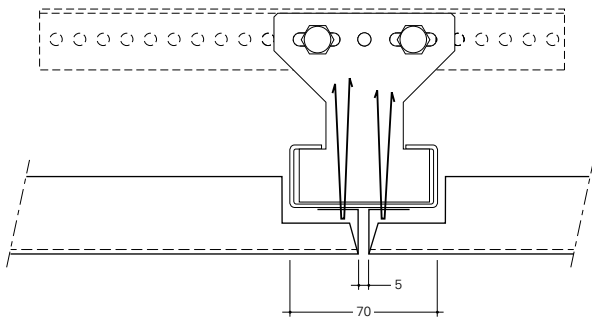
TYPICAL ISOMETRICS

- 1 = 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

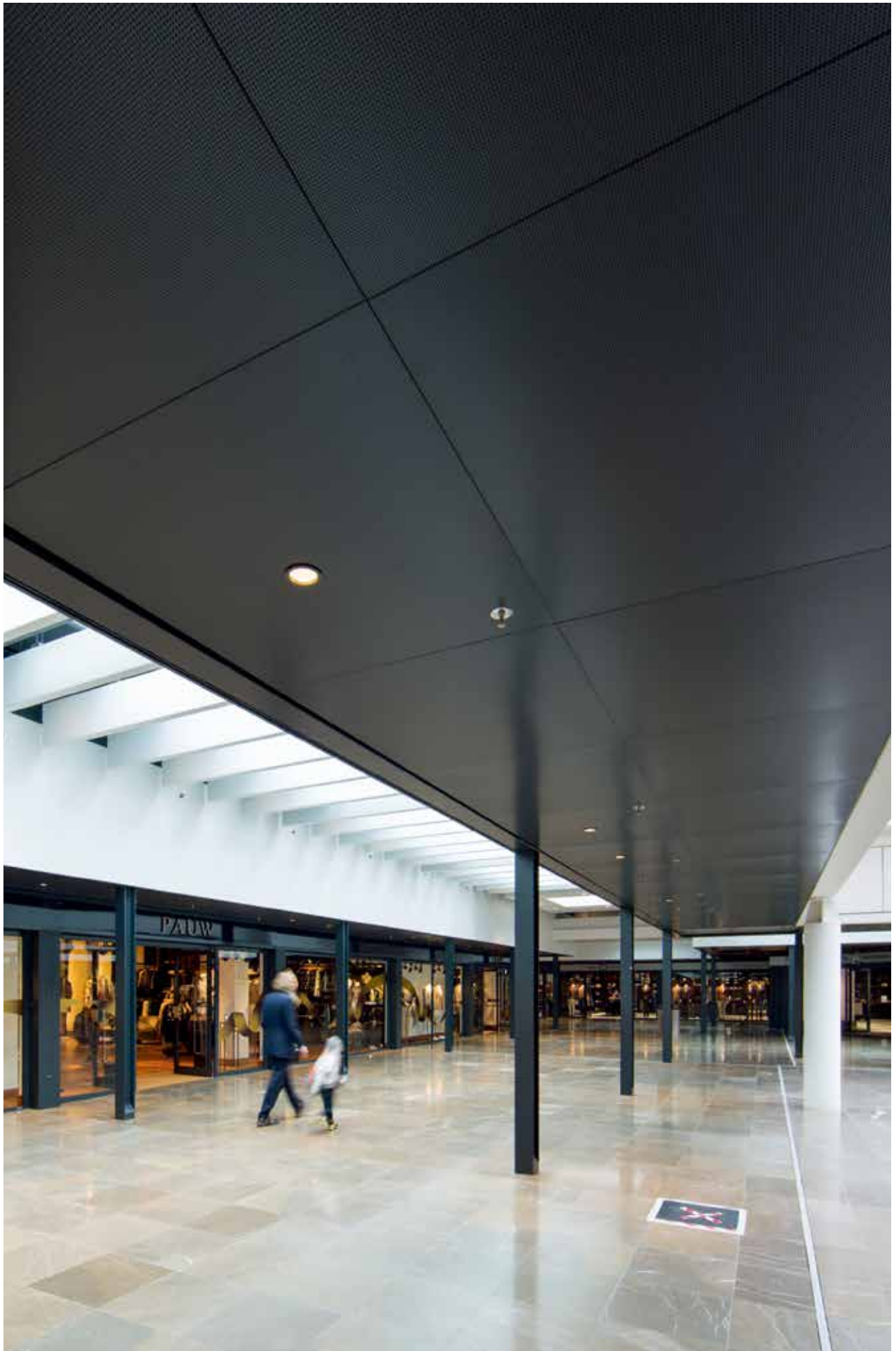
(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

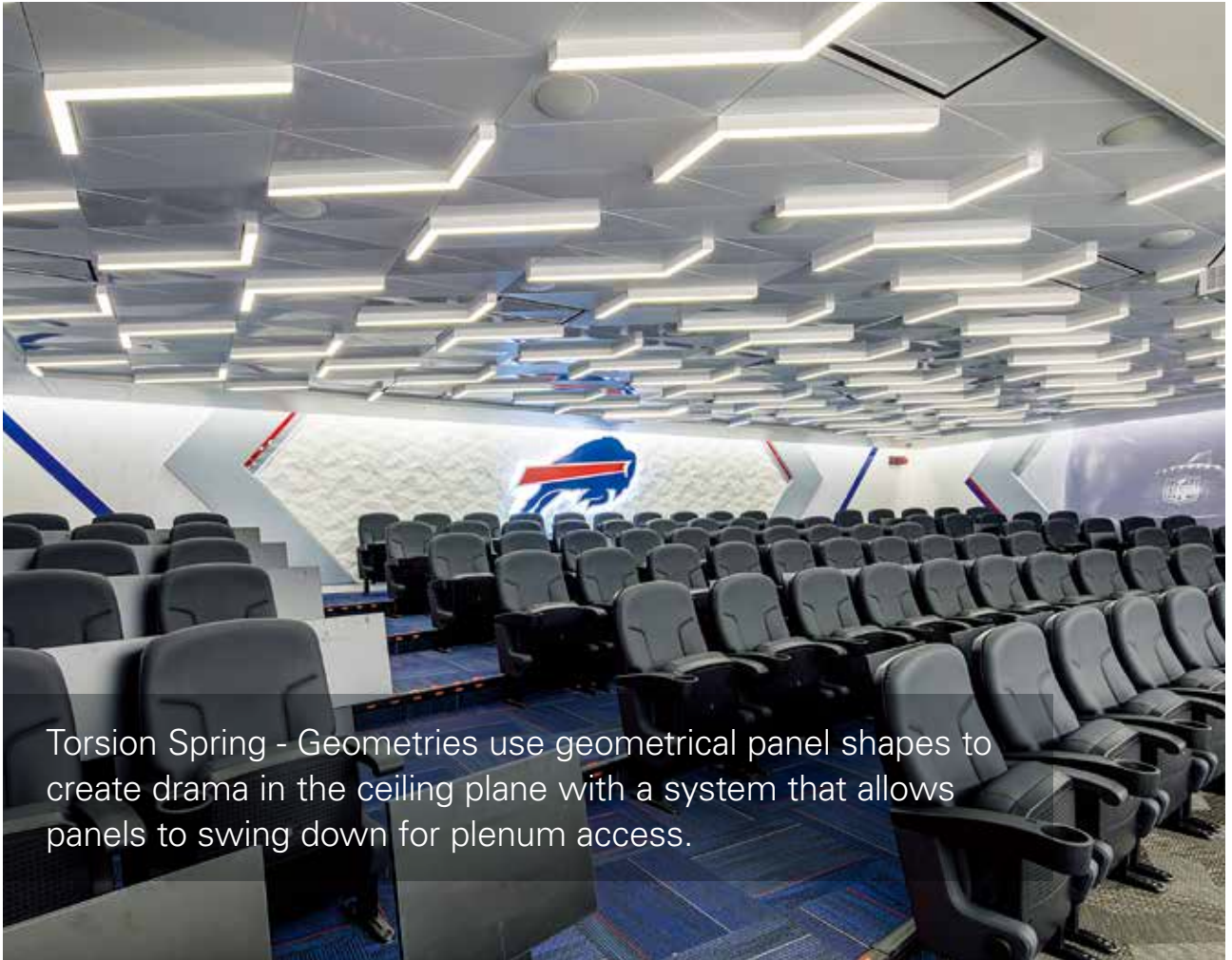
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Shopping Center Gelderlandplein, Amsterdam, the Netherlands - Product: Planks Torsion Spring Continuous - Architect: Rijnboutt



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.

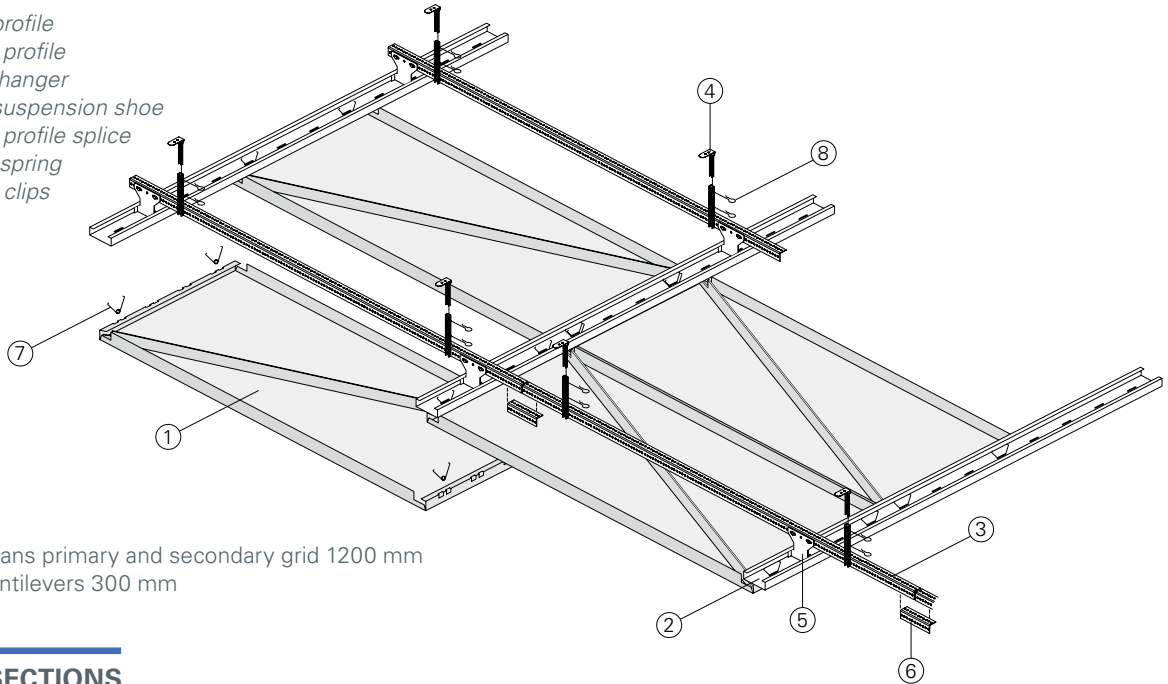
Project: ADPRO Sports Training Facility, Orchard Park, NY - Product: Torsion Spring, Geometries - Photo credit: Bob Perzel

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

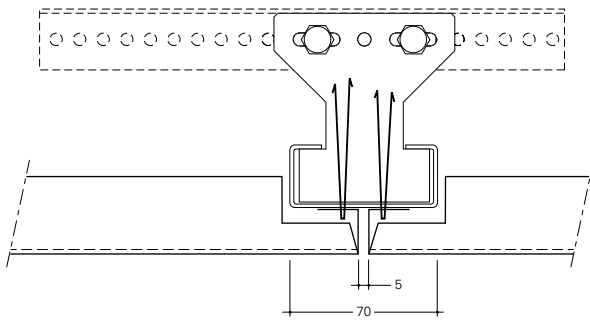
TYPICAL ISOMETRICS

- 1 = 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 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.

STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

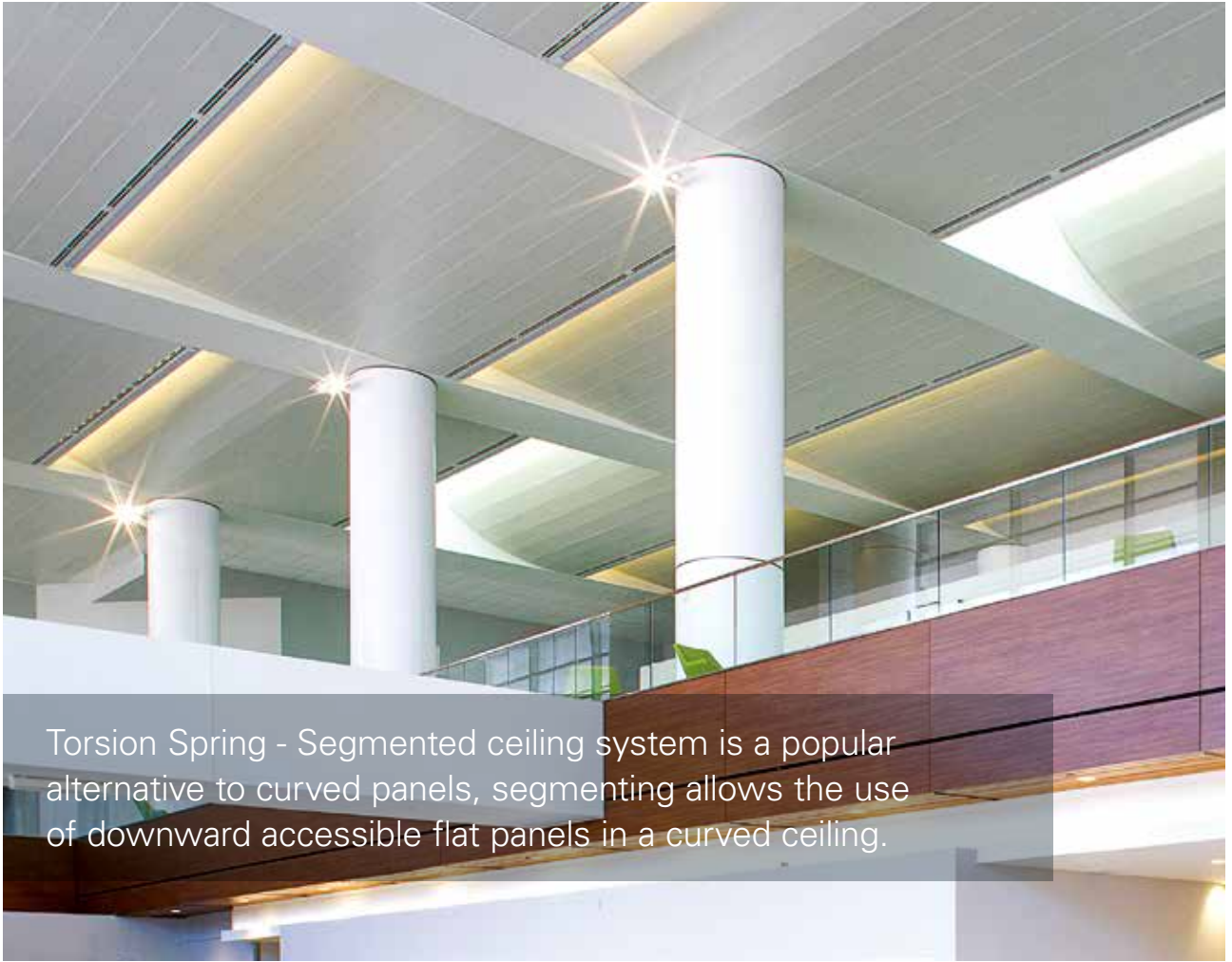
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C





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.

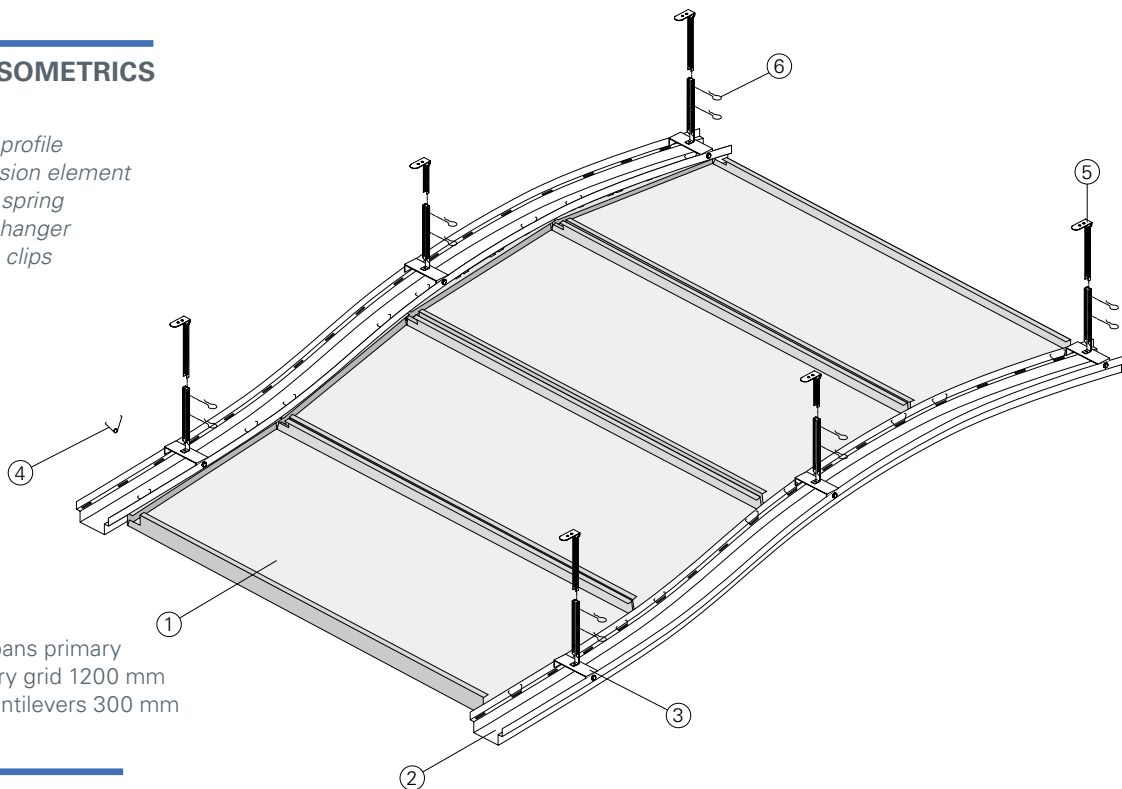
Project: PHX Sky Harbor Airport - Terminal 3, Phoenix, AZ - Product: Torsion Spring (Segmented)

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

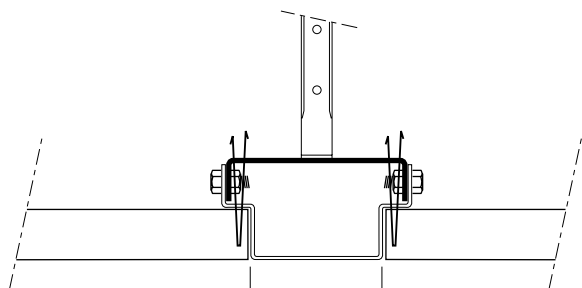
TYPICAL ISOMETRICS

- 1 = Plank
- 2 = Curved profile
- 3 = Suspension element
- 4 = Torsion spring
- 5 = Nonius hanger
- 6 = Locking clips



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

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

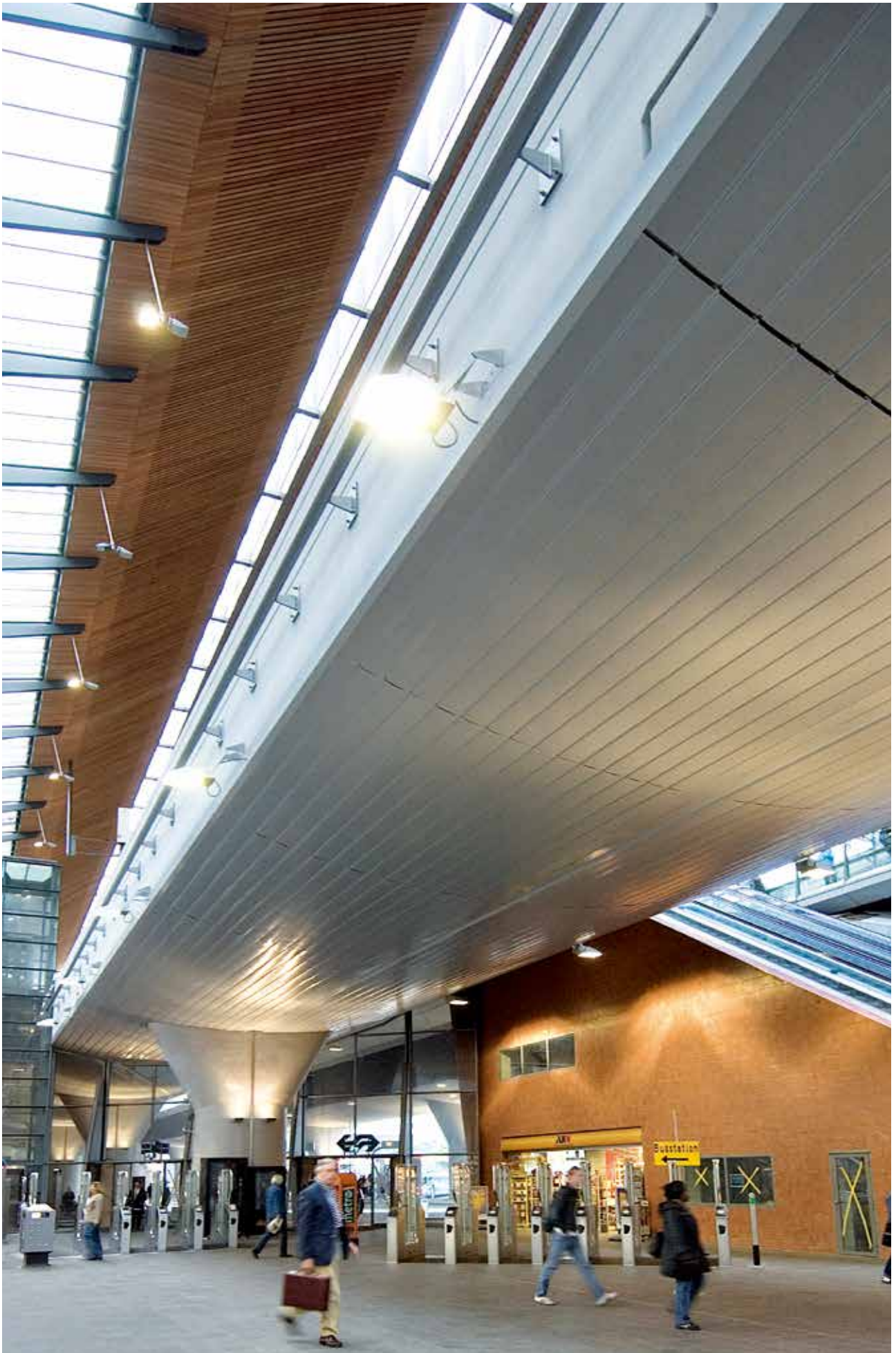
(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

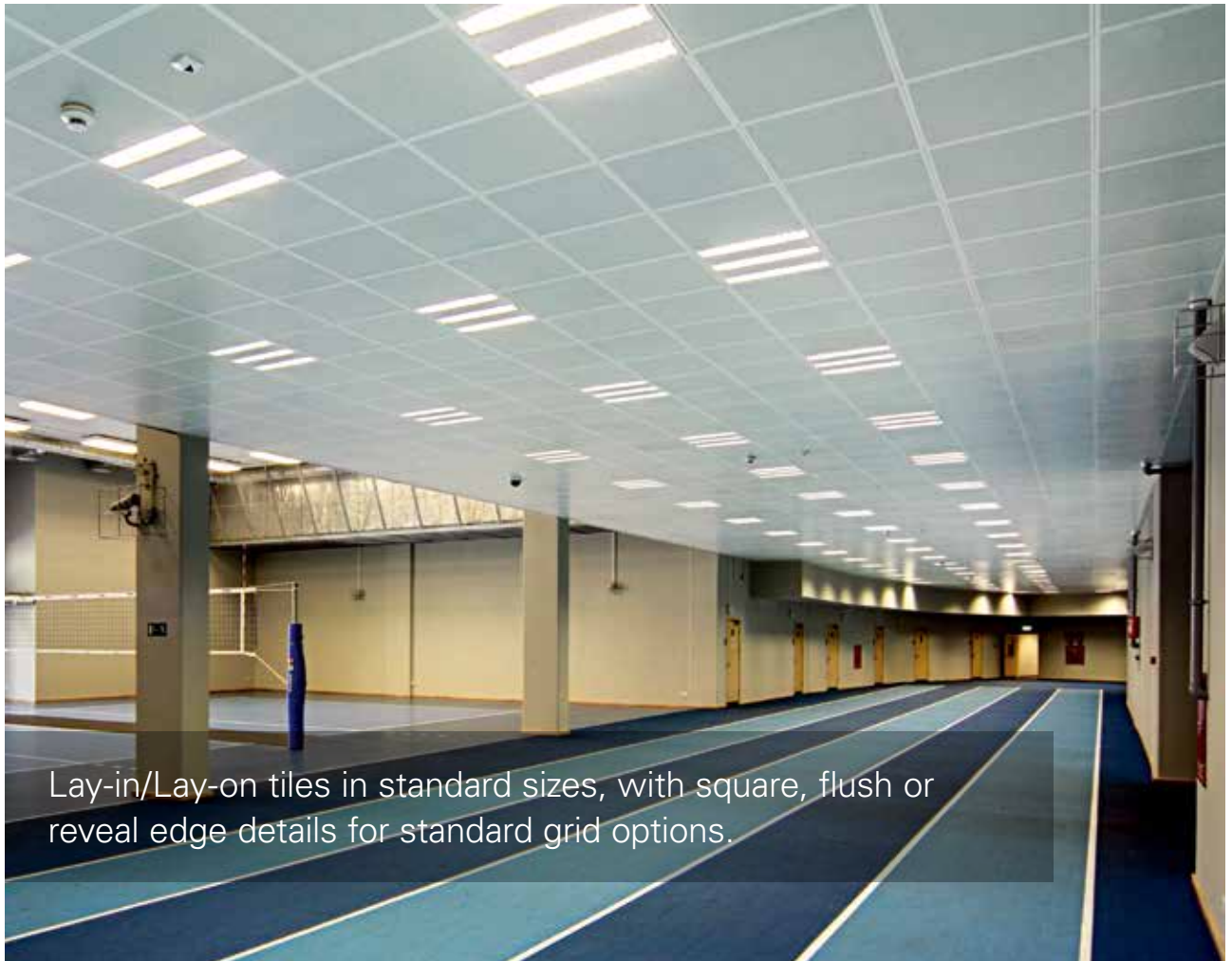
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Train station Bijlmer, Amsterdam, The Netherlands - Product: Planks 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.

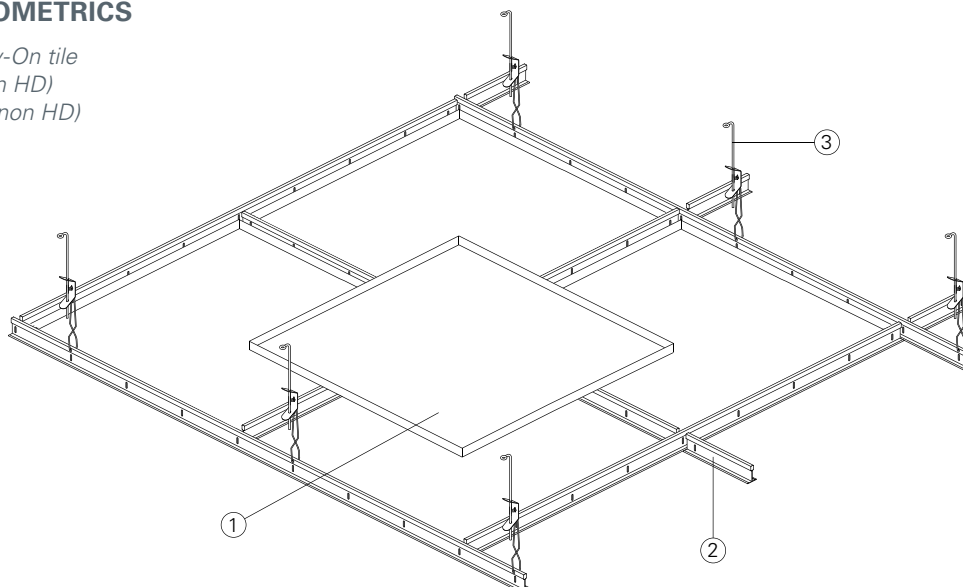
Project: Atlas Arena- Sport and Entertainment hall, Lodz, Poland - Product: Tiles (Lay-in/Lay-on) - Architect: ATJ

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

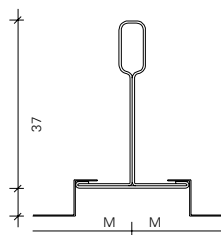
TYPICAL ISOMETRICS

- 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

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS

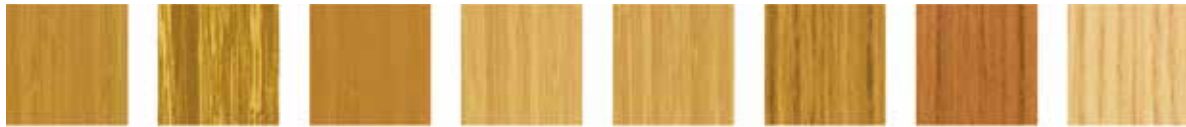


0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Atlas Arena- Sport and Entertainment hall, Lodz, Poland - Product: Tiles (Lay-in/Lay-on) - Architect: ATJ



Various flushed and recessed grid of square modular configuration suit both aesthetic and functional requirements.

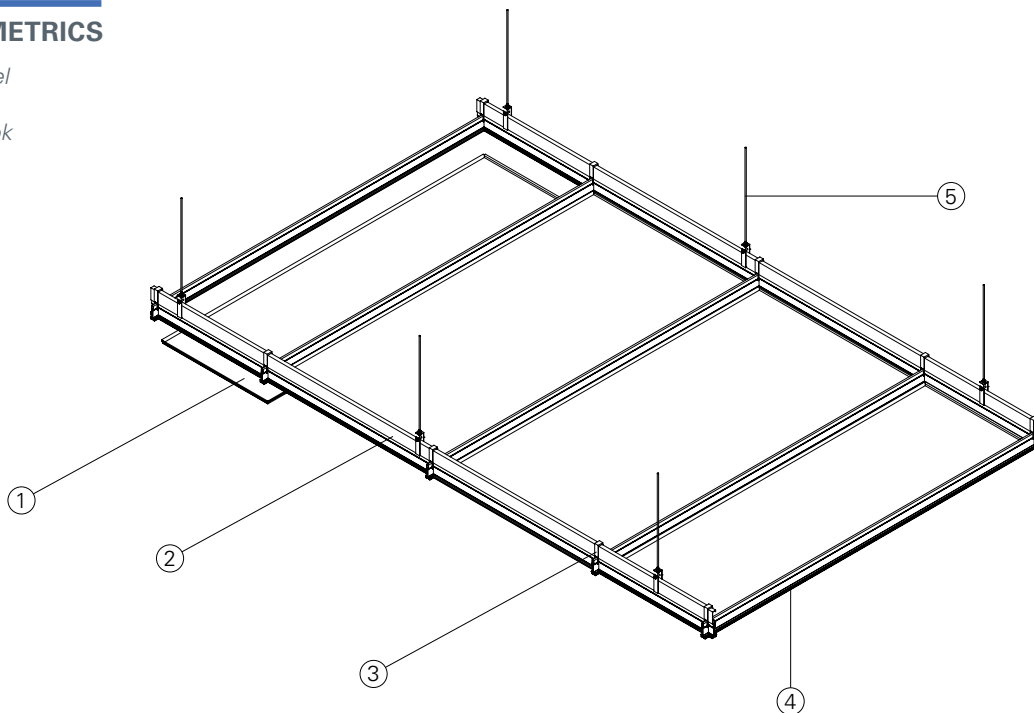
Project: Chow Tai Fook Financial Center, Guangzhou, China - Product: Tiles (TT15)

KEY FEATURES

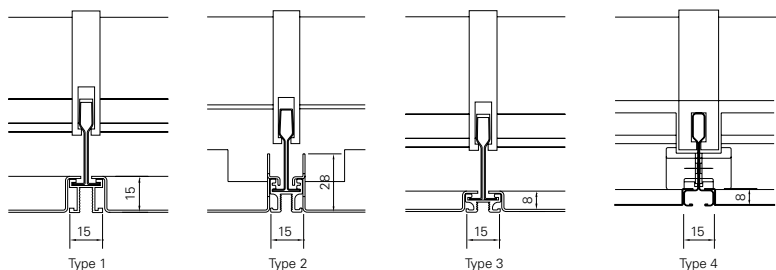
- Easy accessibility to the plenum
- An exposed suspension system which accentuates the grid pattern
- Easy assembly and installation
- Available in aluminium and steel
- Extensive range of colours and finishes
- Wide range of standard perforation patterns
- Acoustic control by mineral pads or non-woven felt
- Suitable for new and refurbishment works as offices, commercial and retail premises, and exhibition halls.

TYPICAL ISOMETRICS

- 1 = General panel
- 2 = Carrier
- 3 = T-Carrier hook
- 4 = Carrier
- 5 = Hanger



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⌈ 5.5 ⇔ 6.35 Openness 20%	P123 Ø 2.4 mm ⌈ 4.33 ⇔ 5 Openness 20.9%	P106 Ø 2.4 mm ⌈ 5.5 ⇔ 5.5 Openness 16%	P122 Ø 1.9mm ⌈ 4 ⇔ 4 Openness 18%	P129 Ø 2.6 mm ⌈ 5 ⇔ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

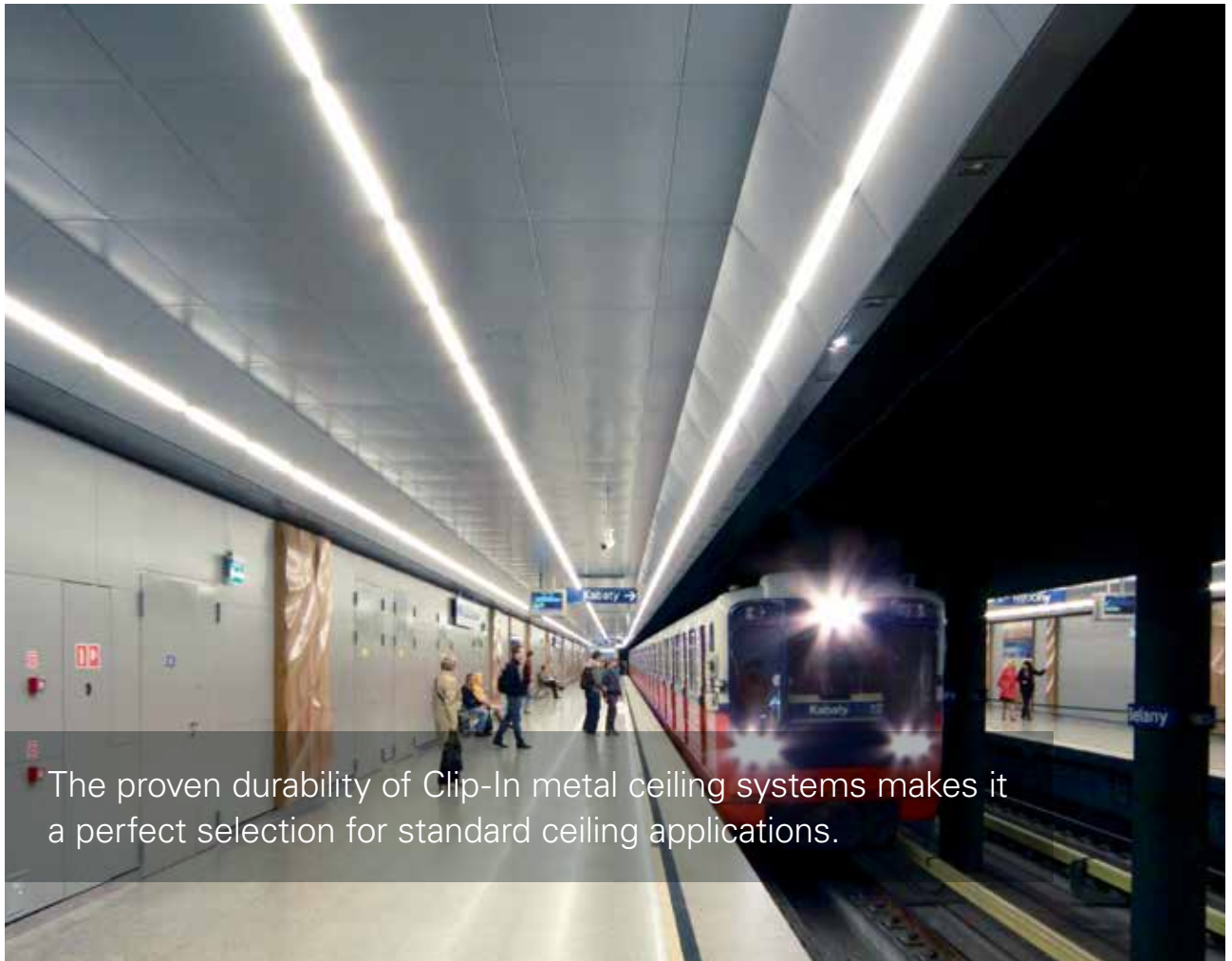
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: China Resources Enterprise Headquarters Building, Shenzhen, China - Product: Tiles (TT15) - Architect: American KPF Architects



The proven durability of Clip-In metal ceiling systems makes it a perfect selection for standard ceiling applications.

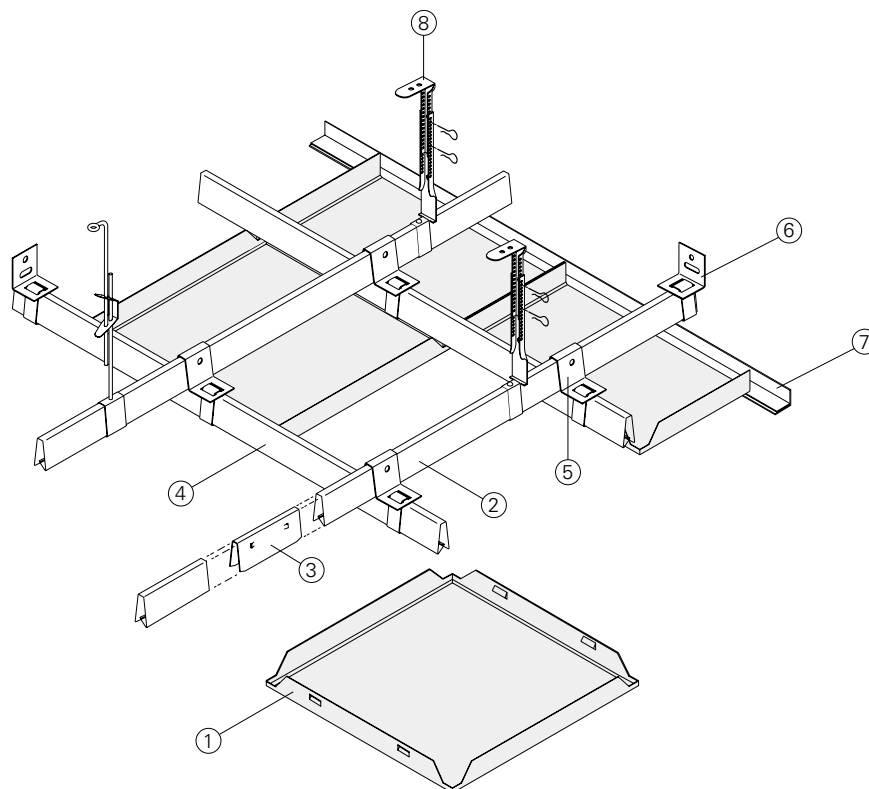
Project: Stare Bielany Metro Station, Warsaw, Poland - Product: Tile (Clip-In)

KEY FEATURES

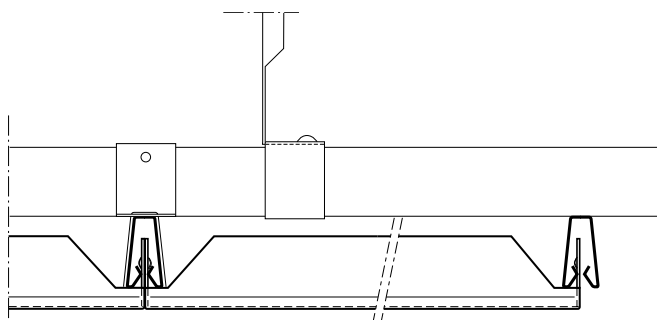
- Standard dimension 600 x 600 mm
- Bevelled edges
- Perforated panels with non-woven tissue for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- 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



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

P103 Ø 2.9 mm ⇕ 5.5 ⇔ 6.35 Openness 20%	P123 Ø 2.4 mm ⇕ 4.33 ⇔ 5 Openness 20.9%	P106 Ø 2.4 mm ⇕ 5.5 ⇔ 5.5 Openness 16%	P122 Ø 1.9mm ⇕ 4 ⇔ 4 Openness 18%	P129 Ø 2.6 mm ⇕ 5 ⇔ 5 Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.55-0.90: See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

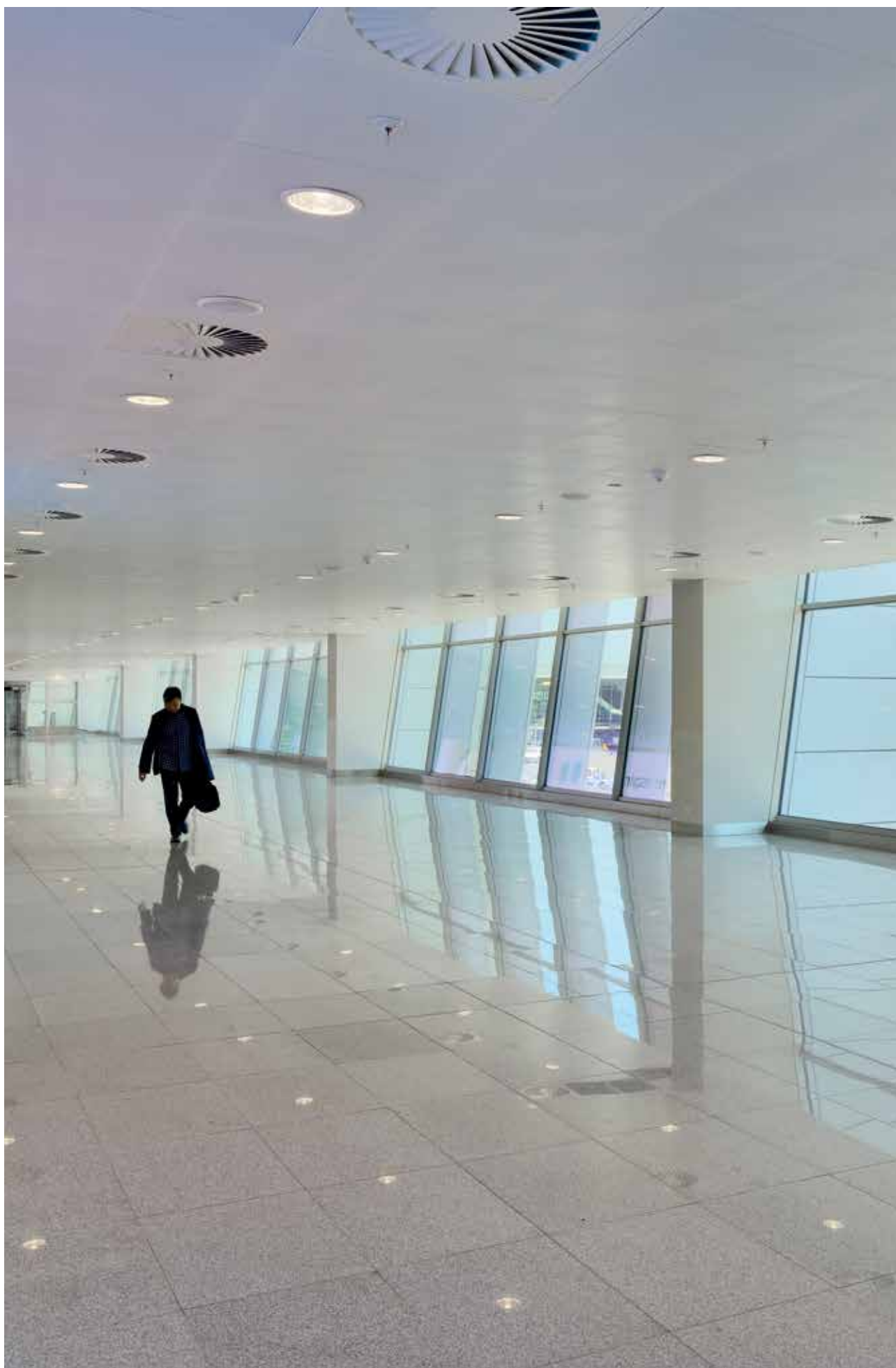
(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: Brussels Airport Connector, Brussels, Belgium - Product: Tile (Clip-In) - Architect: Chapman Taylor Benelux



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

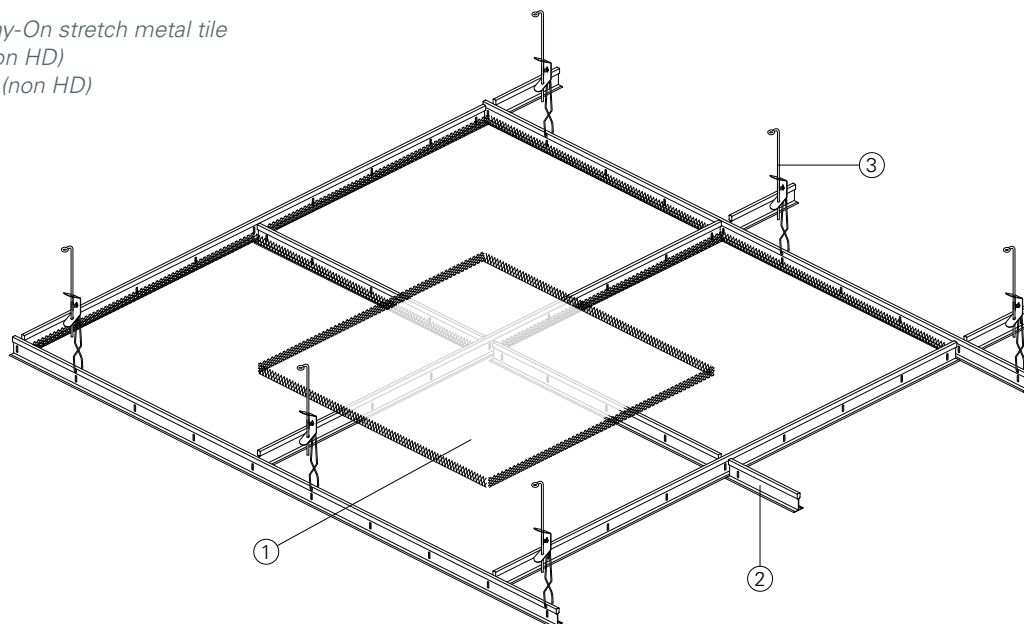
Project: Narodowy Football Stadium, Warsaw, Poland - Product: Stretch Metal Tiles (Lay-in/ lay-on) - Architect: JSK

KEY FEATURES

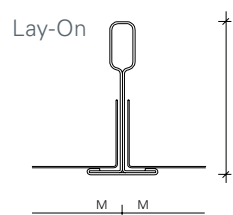
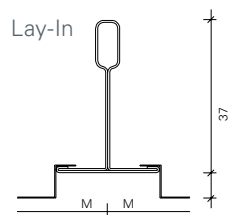
- Standard dimension 600 x 600 mm
- Edge options: square, flush, reveal
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

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

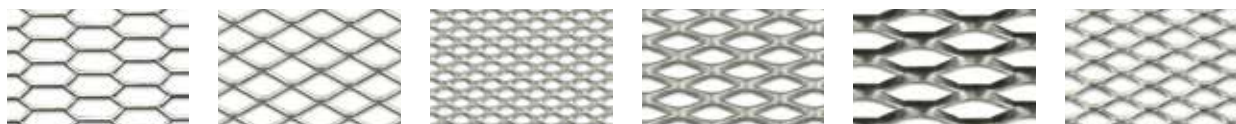


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
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 393

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

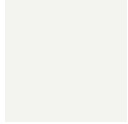
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

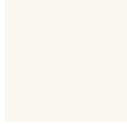
COLOURS AND FINISHES

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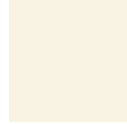
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: Biljartfabriek, Zwolle, The Netherlands - Product: Stretch Metal Tiles (Lay-in/ lay-on) - Architect: BDG Architecten



Parallel and cross with stretch metal are designed to deliver great possibilities in terms of style and combinations.

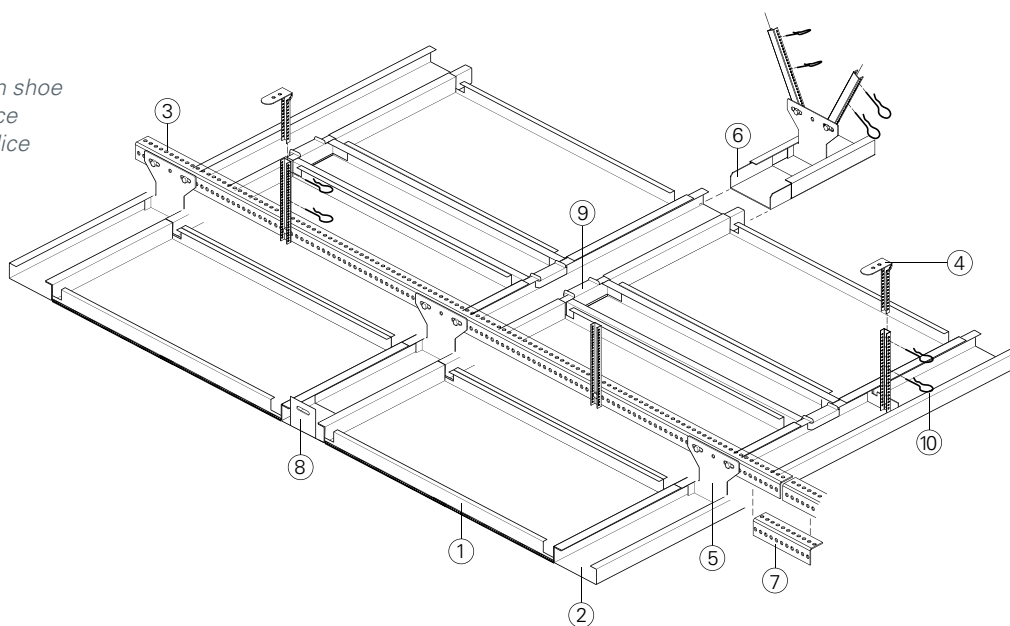
Project: Fair, Bologna, Italy - Product: Stretch Metal Bandraster

KEY FEATURES

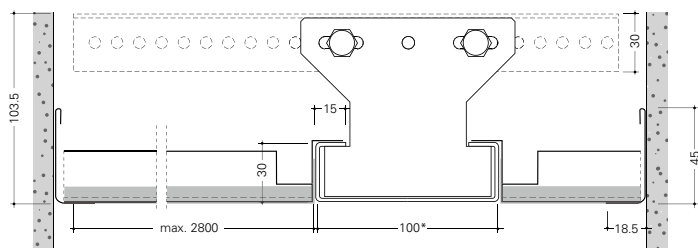
- Panel sizes:
 - without reinforcement maximum 500 x 1200 mm
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design in parallel or cross design installation
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: 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



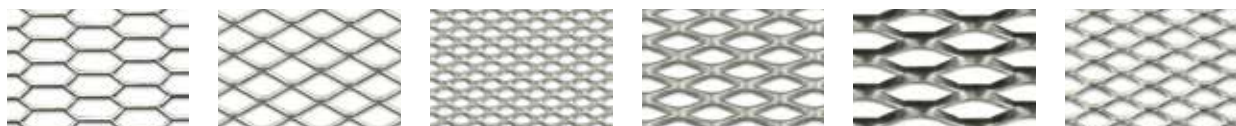
TYPICAL SECTIONS



*Other sizes on request (80 - 300 mm)

MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

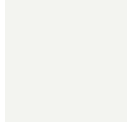
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

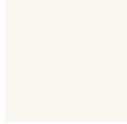
COLOURS AND FINISHES

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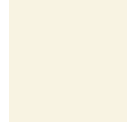
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



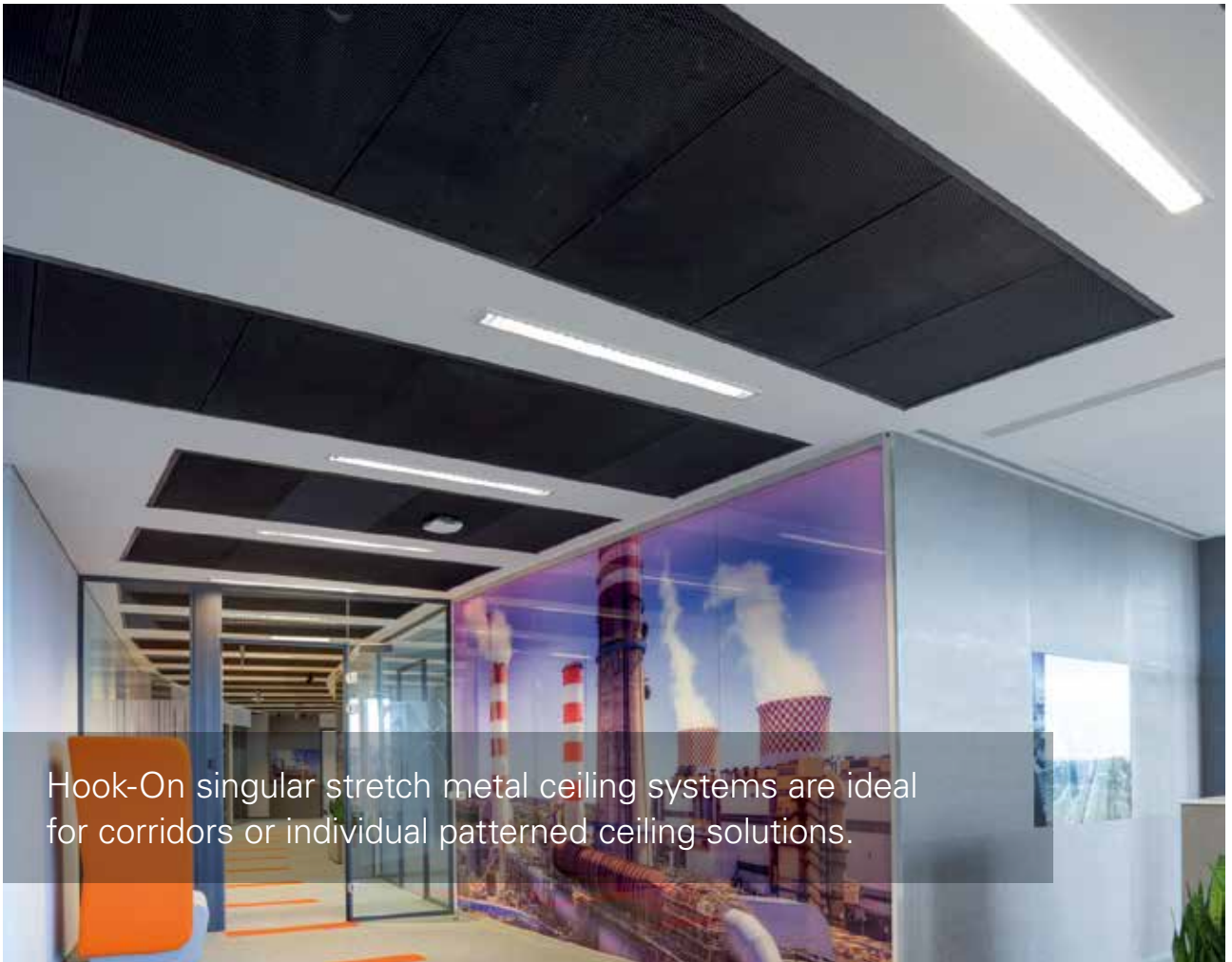
7163
RAL 9006

CUSTOM COLOURS





Project: Fair, Bologna, Italy - Product: Stretch Metal Bandraster



Hook-On singular stretch metal ceiling systems are ideal for corridors or individual patterned ceiling solutions.

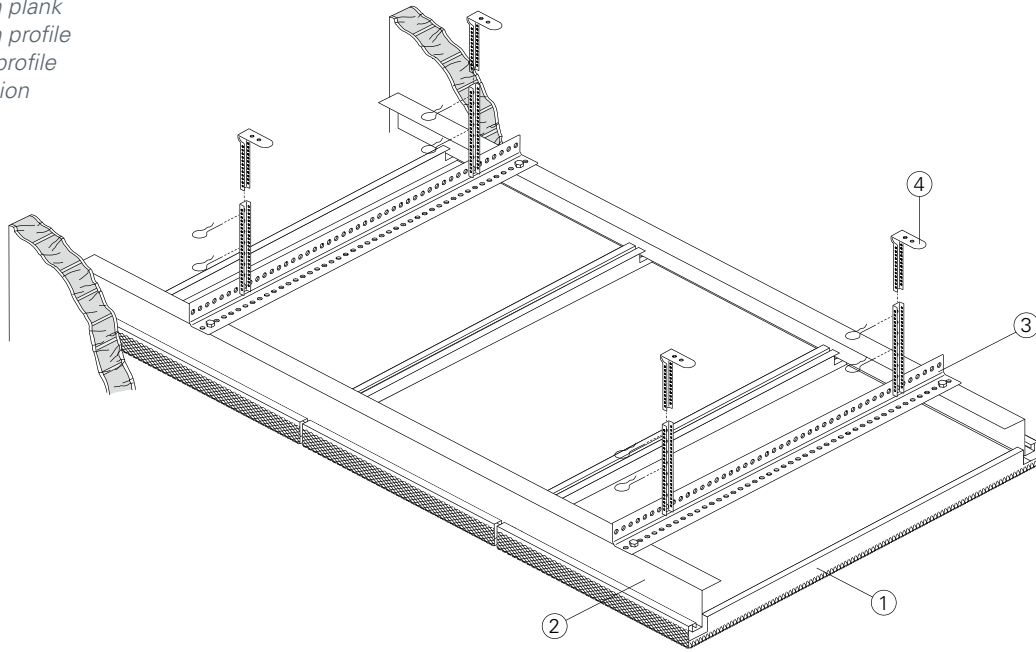
Project: Royal Wilanów office building, Warsaw, Poland - Product: Stretch Metal Hook On Singular Type 1 - Architect: JEMS Architekci

KEY FEATURES

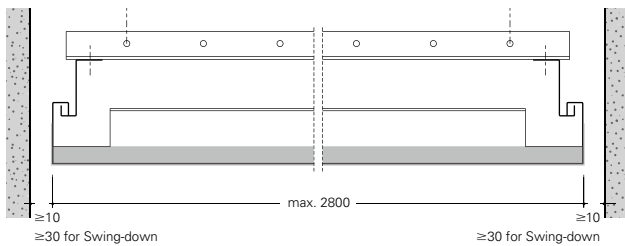
- Panel sizes:
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners 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

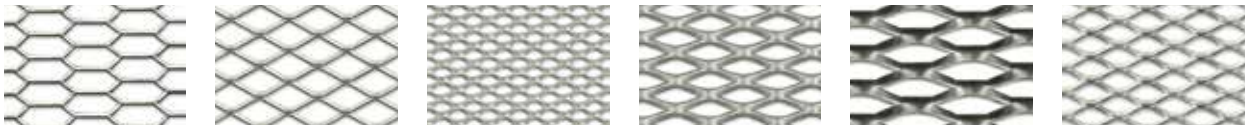


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

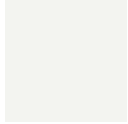
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

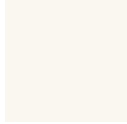
COLOURS AND FINISHES

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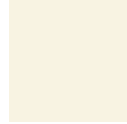
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



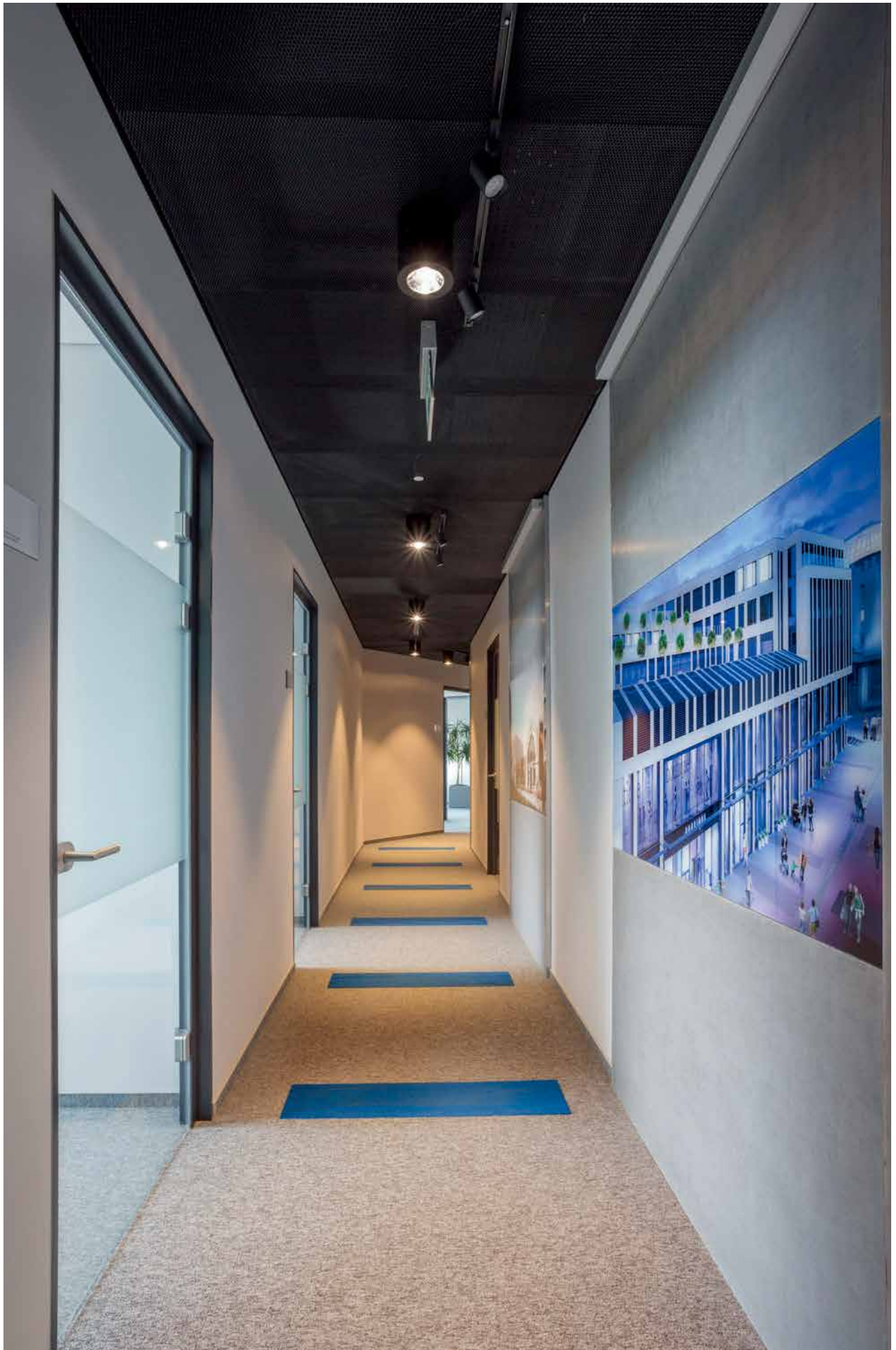
0280
RAL 9010



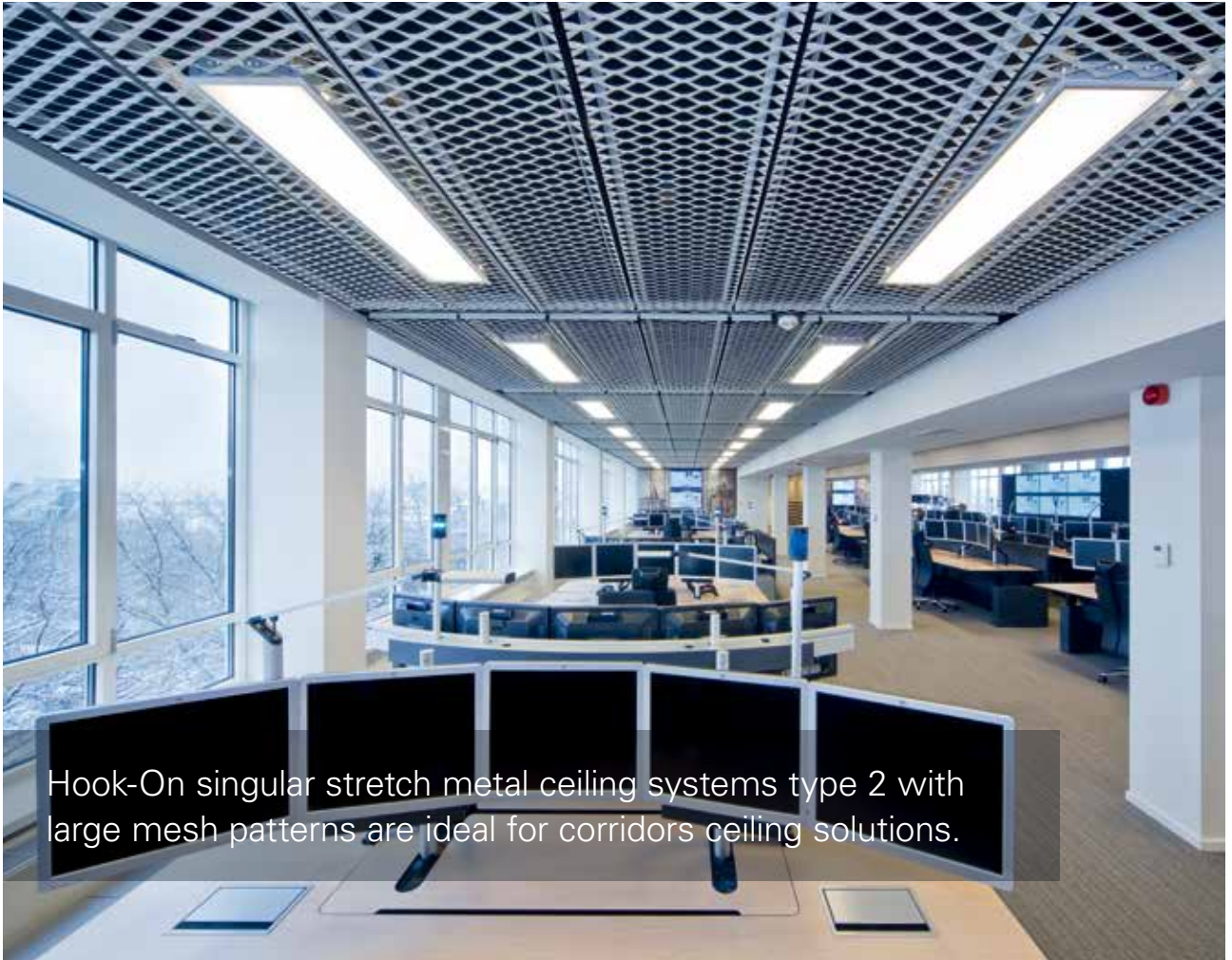
7163
RAL 9006

CUSTOM COLOURS





Project: Royal Wilanów office building, Warsaw, Poland - Product: Stretch Metal Hook On Singular Type 1 - Architect: JEMS Architekci



Hook-On singular stretch metal ceiling systems type 2 with large mesh patterns are ideal for corridors ceiling solutions.

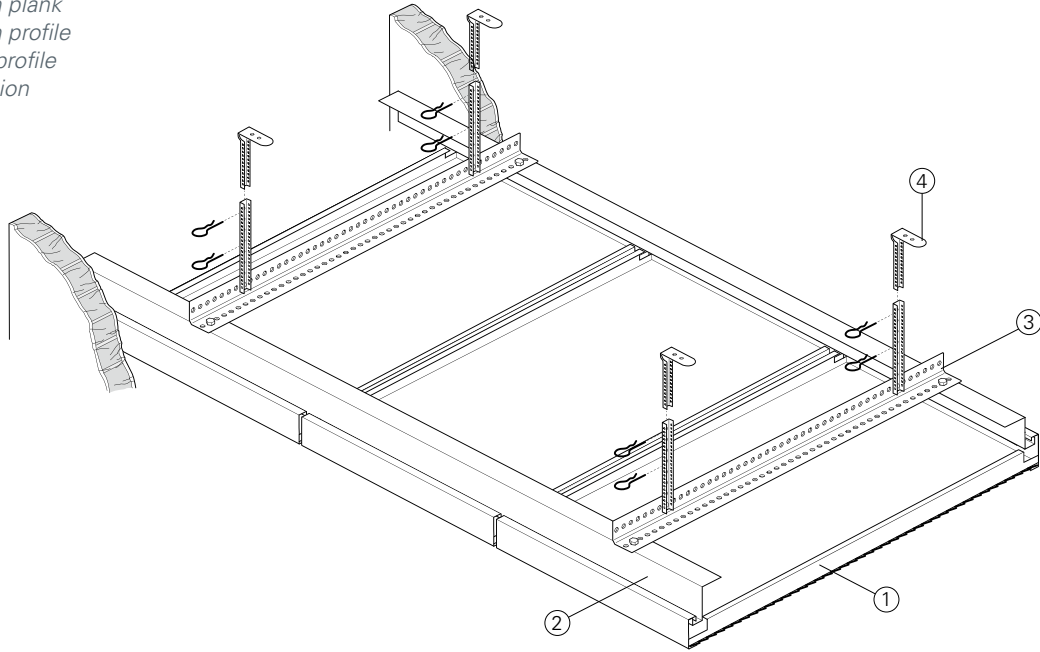
Project: RPAA, Control Room Police, Fire en Ambulance, Amsterdam, the Netherlands - Product: Stretch Metal Hook On Singular Type 2 Architect: Architectenbureau De Twee Snoeken

KEY FEATURES

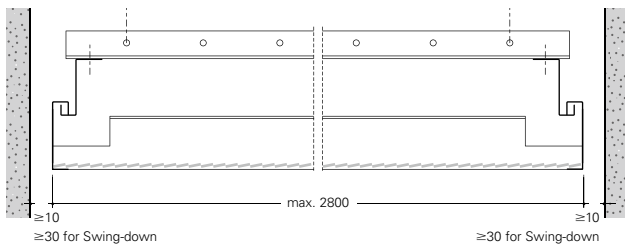
- Panel sizes:
 - with reinforcement maximum 680 x 2800 mm (depends on mesh type)
- Flat sheets with welded reinforcement profiles
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight 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

TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension

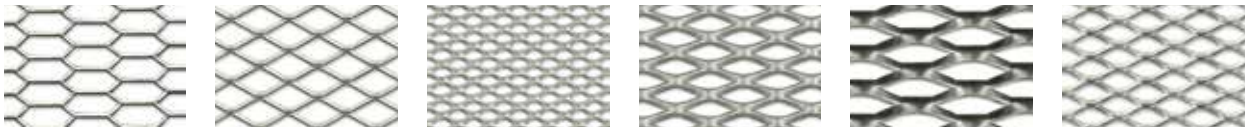


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



CLS1	CLS2	CLS3	CLS5	CLS7	CLS12
Open area 69%, Thickness 2 mm	Open area 66.7%, Thickness 2.2 mm	Open area 42.5%, Thickness 2.0 mm	Open area 42.5%, Thickness 2.5 mm	Open area 69.4%, Thickness 2 mm	Open area 52.7 %, Thickness 2 mm
Dimensions: 13 x 50 x 2	Dimensions: 15 x 30 x 2.5	Dimensions: 8 x 16 x 2.3	Dimensions: 16 x 38 x 4.6	Dimensions: 17 x 51 x 2.6	Dimensions: 11 x 25 x 2.6
Weight 1.68 kg/m ²	Weight 1.81 kg/m ²	Weight 3.2 kg/m ²	Weight 3.9 kg/m ²	Weight 1.65 kg/m ²	Weight 2.56 kg/m ²

PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

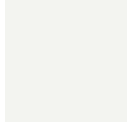
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

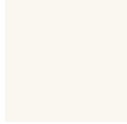
COLOURS AND FINISHES

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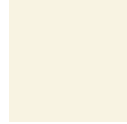
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: RPAA, Control Room Police, Fire en Ambulance, Amsterdam, the Netherlands - Product: Stretch Metal Hook On Singular Type 2 - Architect: Architectenbureau De Twee Snoeken



Hook-On Continuous stretch metal ceiling systems for large surface designs with distinct joint pattern.

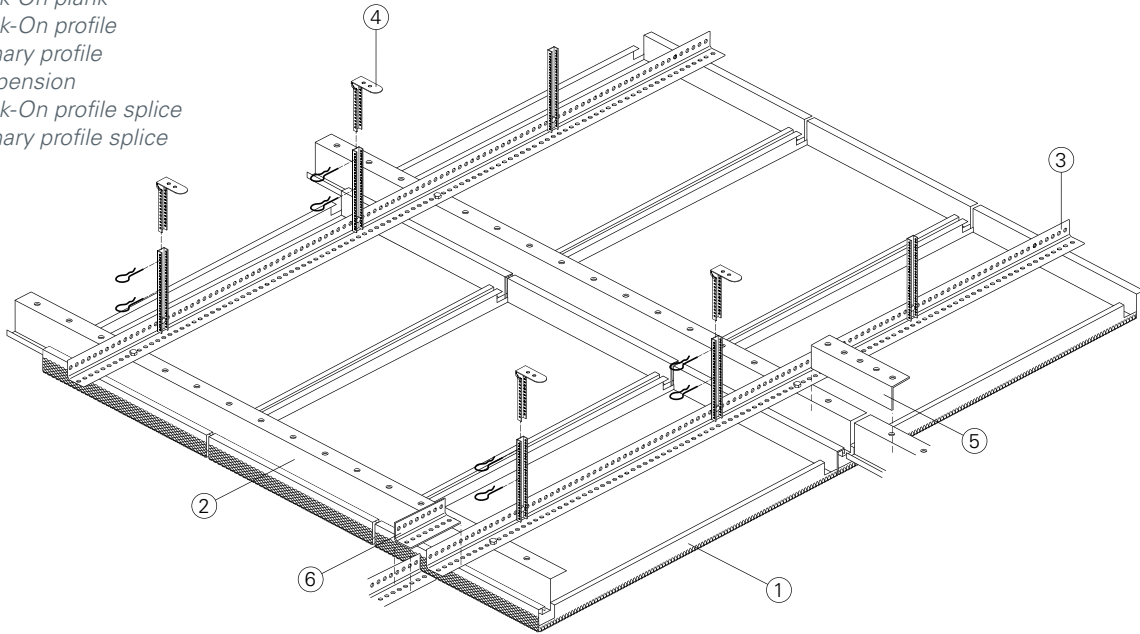
Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Hook On Continuous Type 1 - Architect: JSK

KEY FEATURES

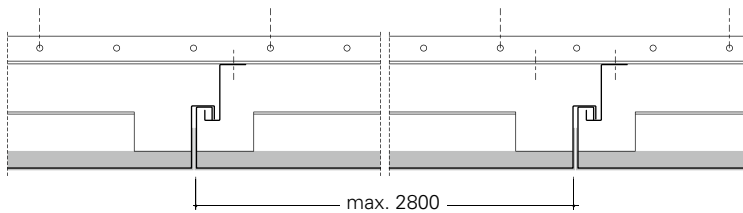
- Panel sizes:
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners 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

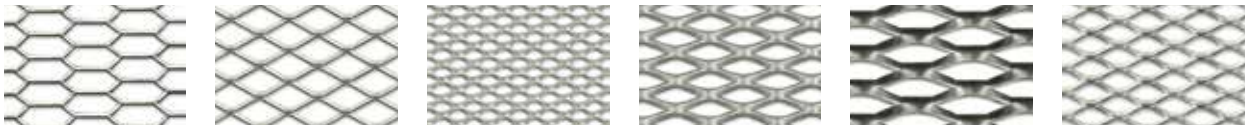


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

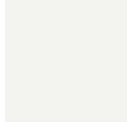
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

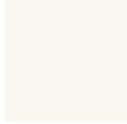
COLOURS AND FINISHES

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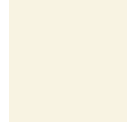
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



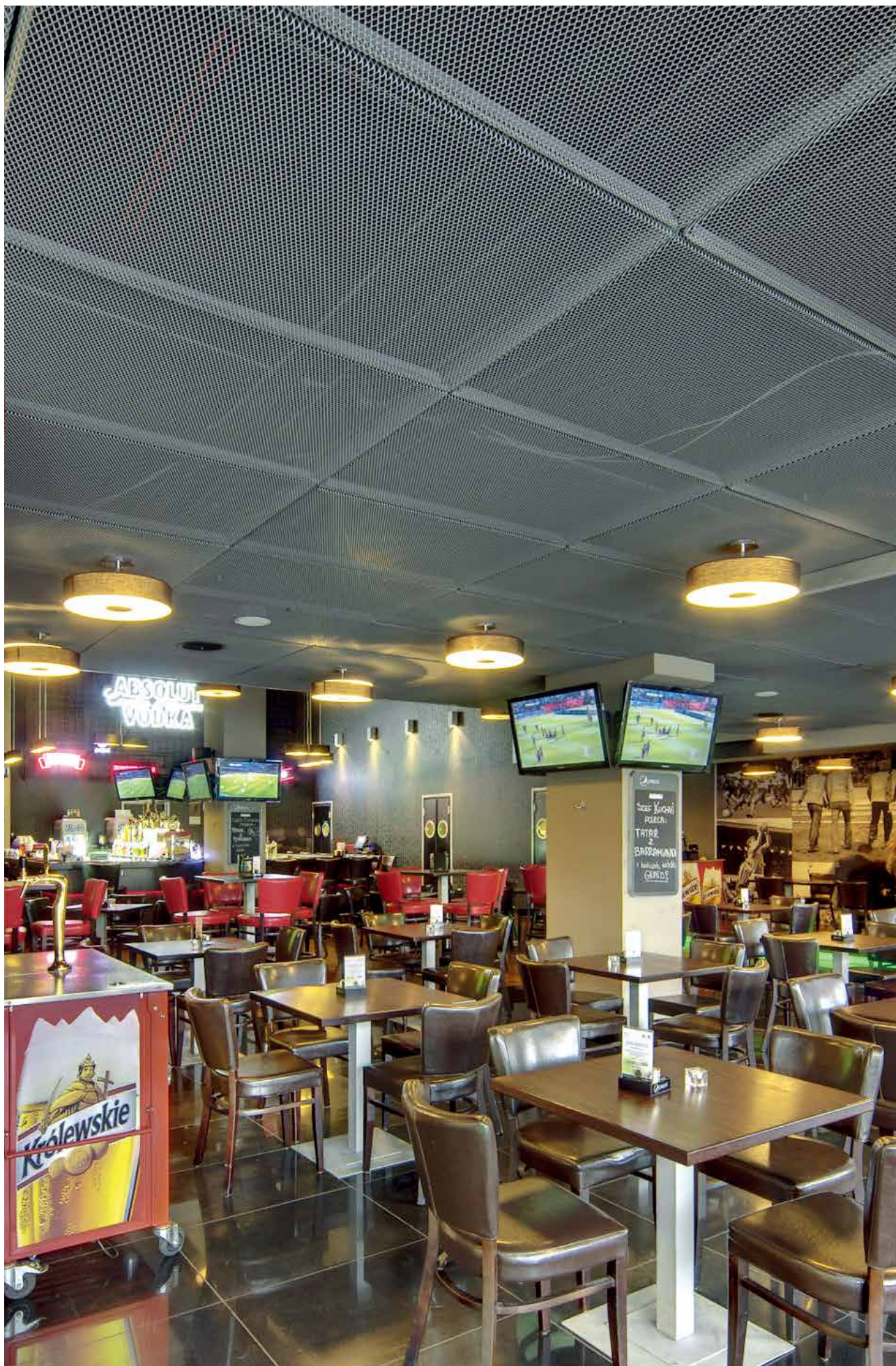
0280
RAL 9010



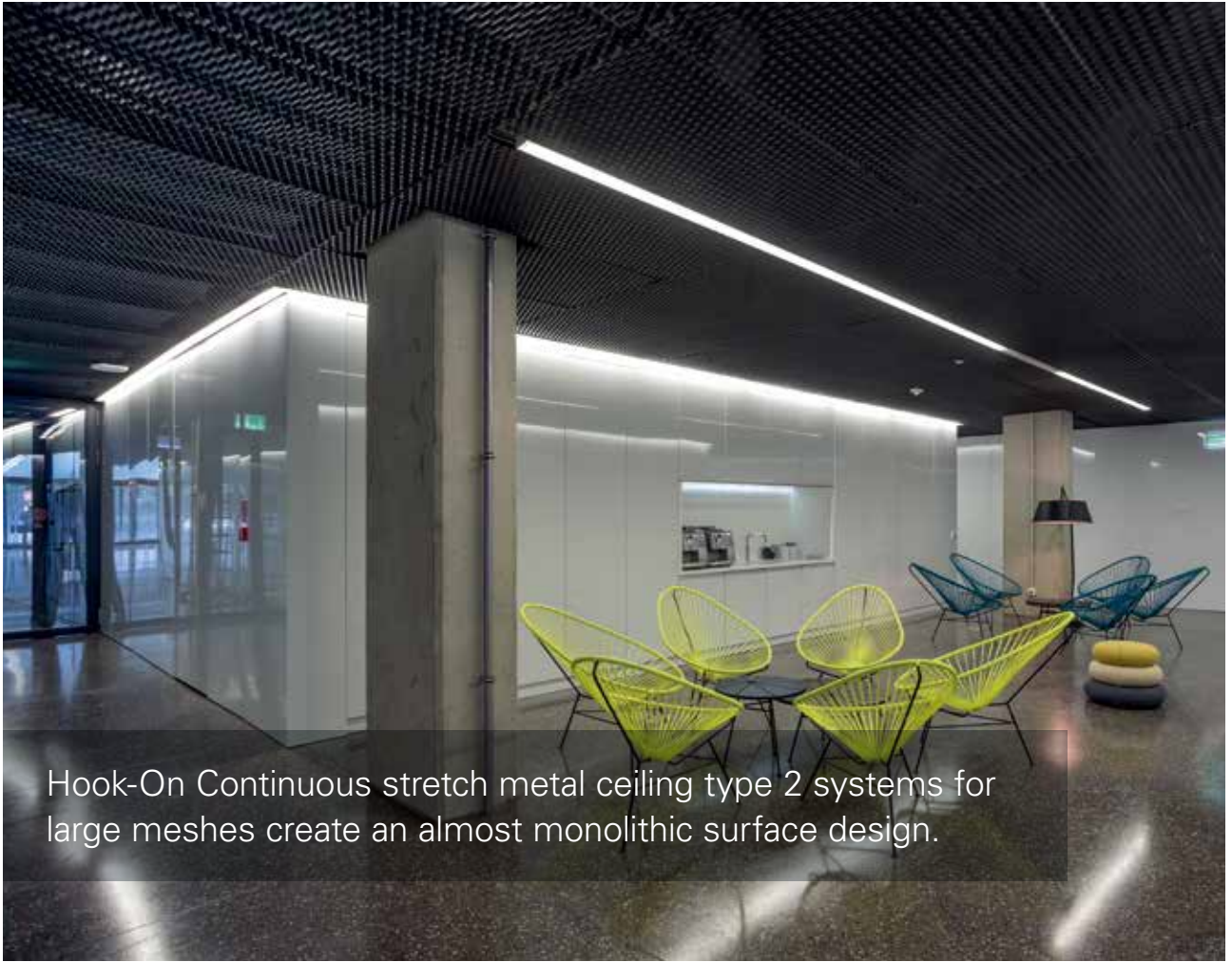
7163
RAL 9006

CUSTOM COLOURS





Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Hook On Continuous Type 1 - Architect: JSK



Hook-On Continuous stretch metal ceiling type 2 systems for large meshes create an almost monolithic surface design.

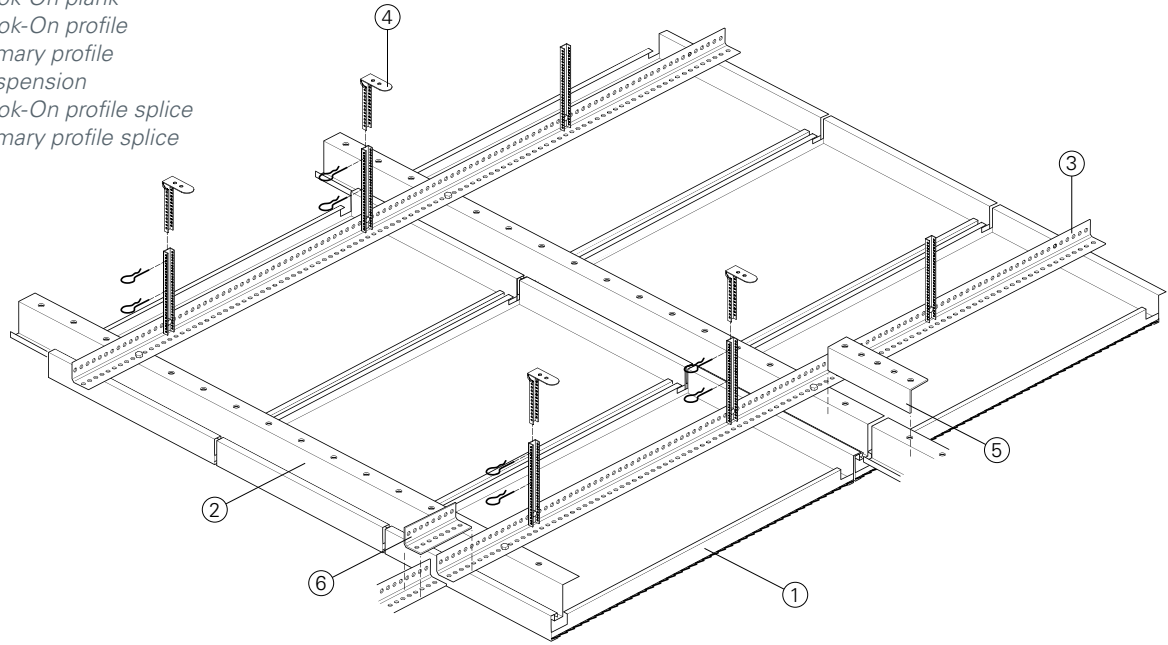
Project: Pixel, Poznan, Poland - Product: Stretch Metal Hook On Continuous Type 2 - Architect: JEMS Architekci

KEY FEATURES

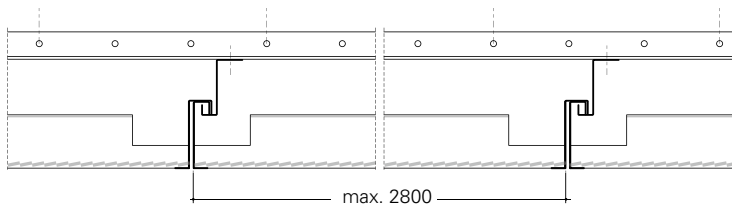
- Panel sizes:
 - with reinforcement maximum 680 x 2800 mm (depends on mesh type)
- Flat sheets with welded reinforcement profiles
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Suspension
- 5 = Hook-On profile splice
- 6 = Primary profile splice

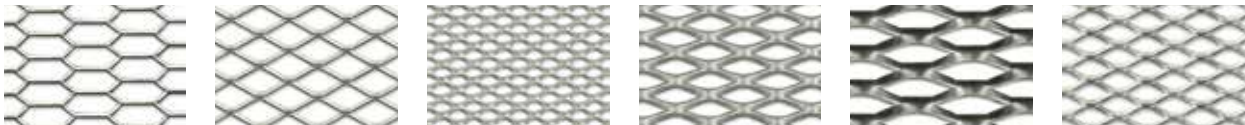


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

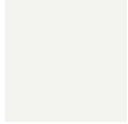
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

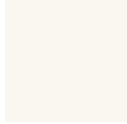
COLOURS AND FINISHES

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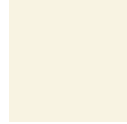
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



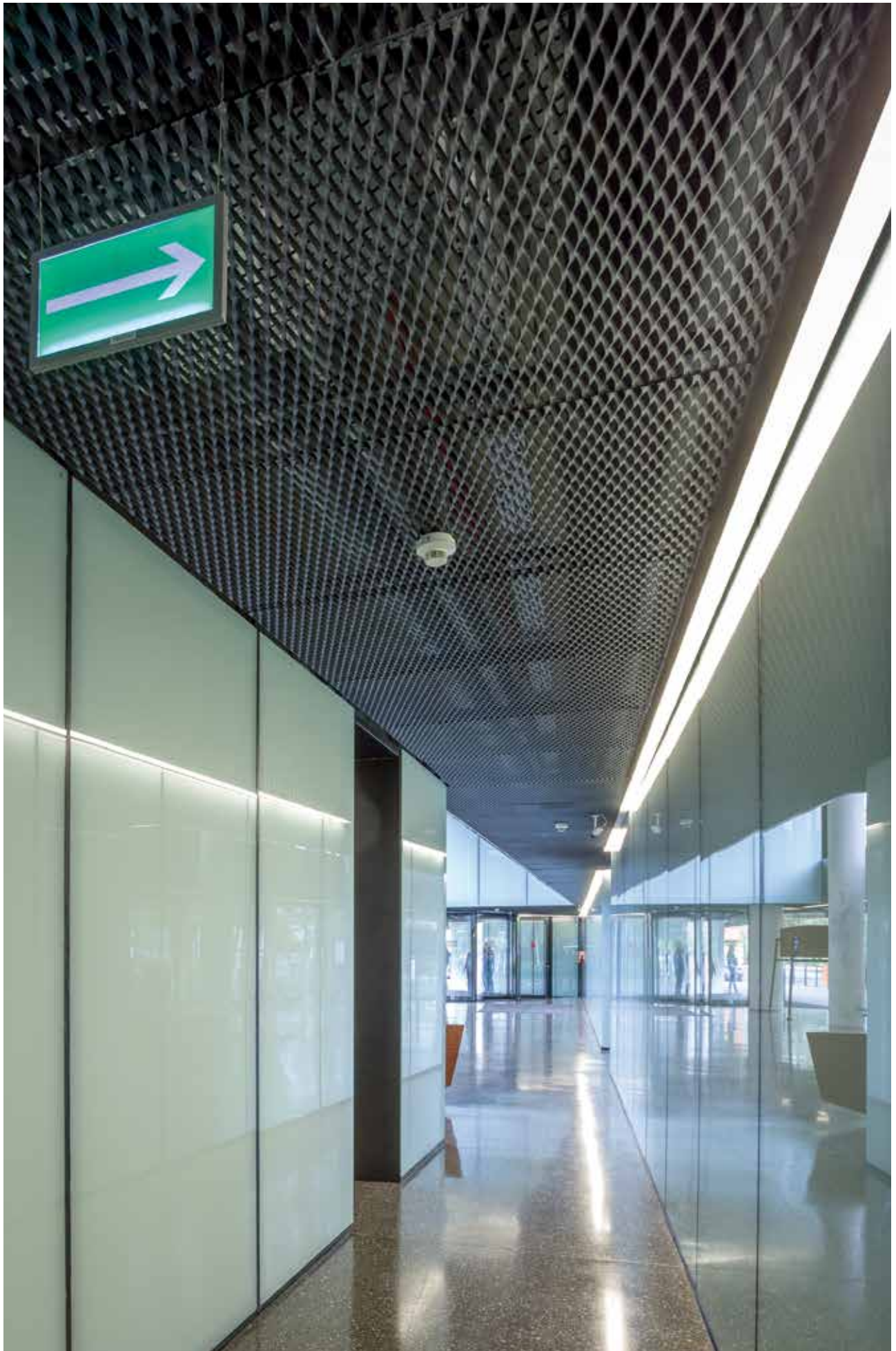
0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: Pixel, Poznan, Poland - Product: Stretch Metal Hook On Continuous Type 2 - Architect: JEMS Architekci



Hook-On Continuous stretch metal ceiling type 3 systems for large meshes create an almost monolithic surface design.

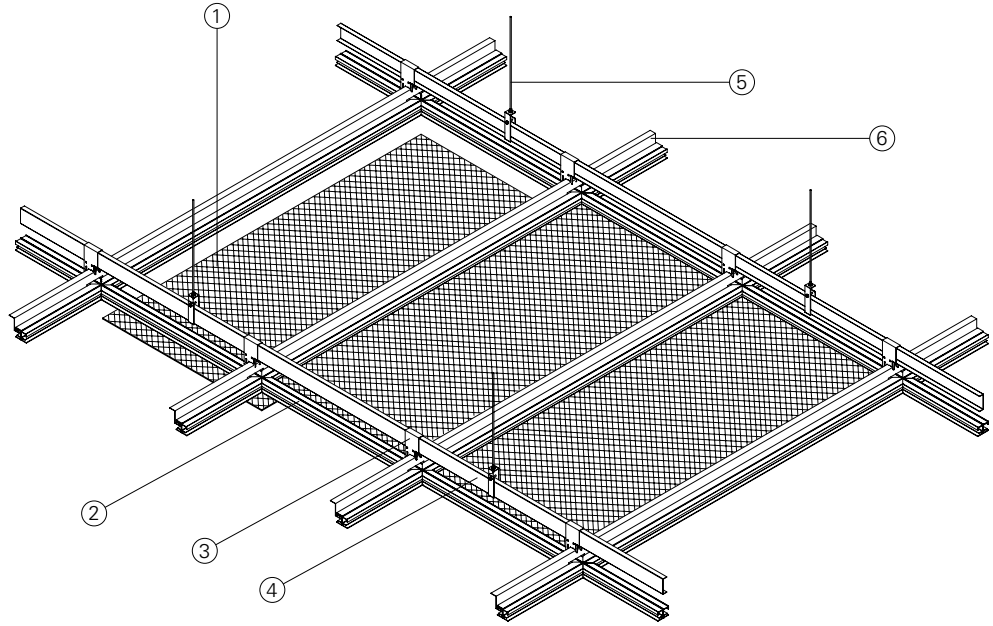
Project: Xinqiao International Airport, Hefei, China- Product: Stretch Metal Tiles - Architect: Shanghai Modern Architectural Design Group

KEY FEATURES

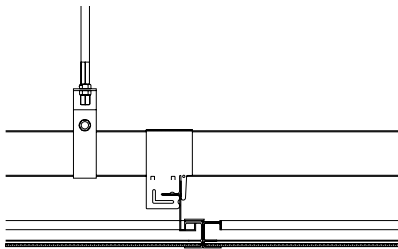
- Panel sizes:
 - without reinforcement maximum 500 x 1200 mm
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy installation - no fasteners or tools required
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Stretch panel
- 2 = Profile
- 3 = Carrier bracket
- 4 = Carrier
- 5 = Hanger
- 6 = Profile

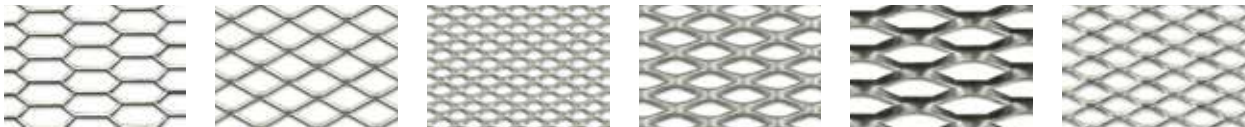


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

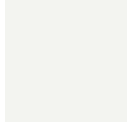
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

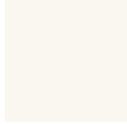
COLOURS AND FINISHES

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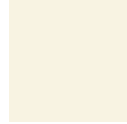
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS





Project: Dan En Ventures Office, Shenzhen, China - Product: Stretch Metal Tiles.



Lay-on stretch metal ceilings with high contrasts between grid and mesh.

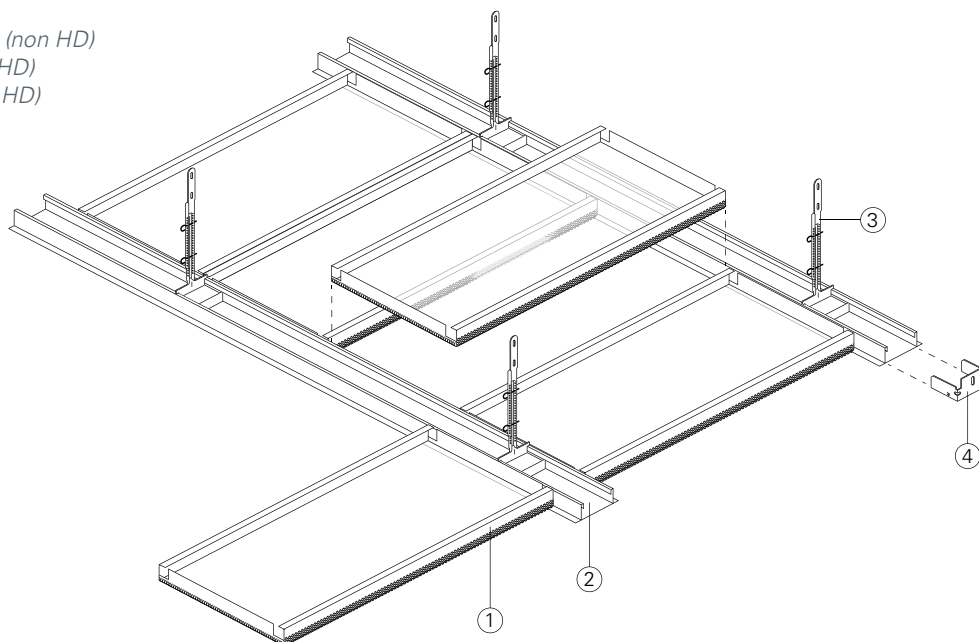
Project: Raffles Hotel, Dubai, United Arab Emirates - Product: Stretch Metal Lay-On - Architect : Arif & Bin Toak

KEY FEATURES

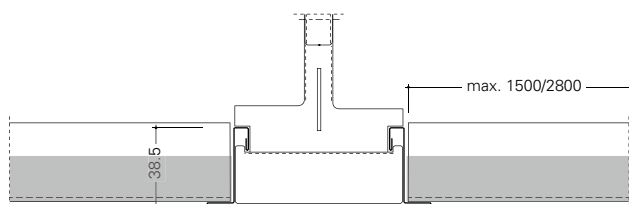
- Panel sizes:
 - without reinforcement maximum 500 x 1200 mm
 - with reinforcement maximum 600 x 2800 mm
- Square-edge design
- Mesh panels with lay-on pads for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum 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)

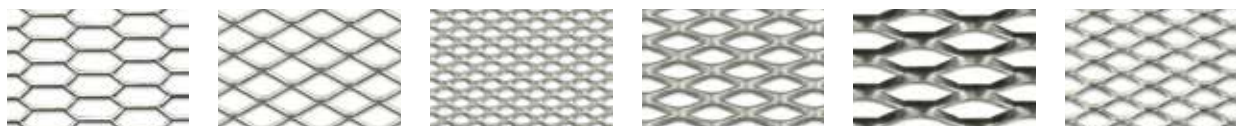


TYPICAL SECTIONS



MESH PATTERNS

Standard patterns shown. See page 390 for all mesh patterns.
Scale shown: 1:4.



<p>CLS1 Open area 69%, Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m²</p>	<p>CLS2 Open area 66.7%, Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m²</p>	<p>CLS3 Open area 42.5%, Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m²</p>	<p>CLS5 Open area 42.5%, Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m²</p>	<p>CLS7 Open area 69.4%, Thickness 2 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m²</p>	<p>CLS12 Open area 52.7 %, Thickness 2 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m²</p>
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PHYSICAL DATA

Substrate: Steel or Aluminium
 Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
 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 393

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

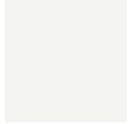
CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

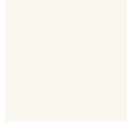
COLOURS AND FINISHES

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.

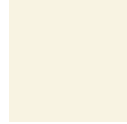
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



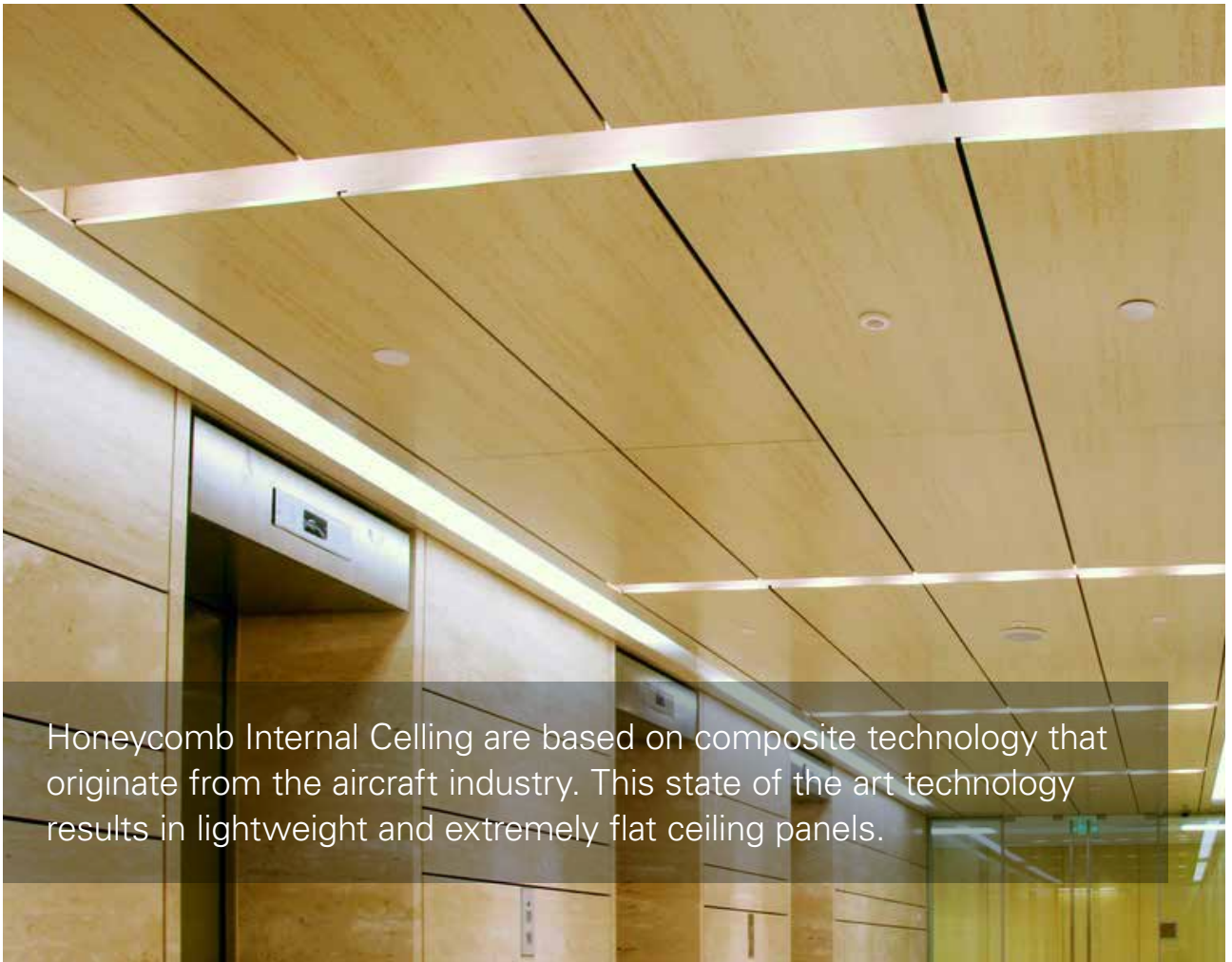
7163
RAL 9006

CUSTOM COLOURS





Project: Raffles Hotel, Dubai, United Arab Emirates - Product: Stretch Metal Lay-On - Architect : Arif & Bin Toak



Honeycomb Internal Ceiling 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.

Project: Beijing Financial Street Bank of Communications Building, Beijing, China - Product: Honeycomb Internal Ceiling

QUADROCLAD® ACOUSTIC

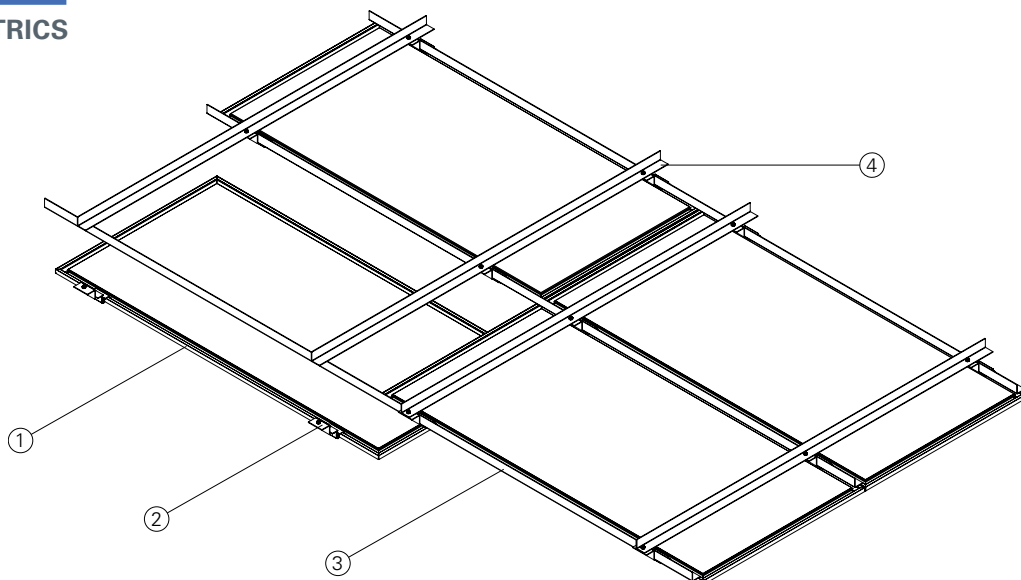
Honeycomb Internal Ceiling are based on composite technology that originates from the aircraft industry. The lightweight skins are fused to a honeycomb aluminium core, that has been designed to meet the architect's demand for high quality, extremely flat and extra-large sized ceiling systems. The Honeycomb Internal Ceiling 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.

KEY FEATURES

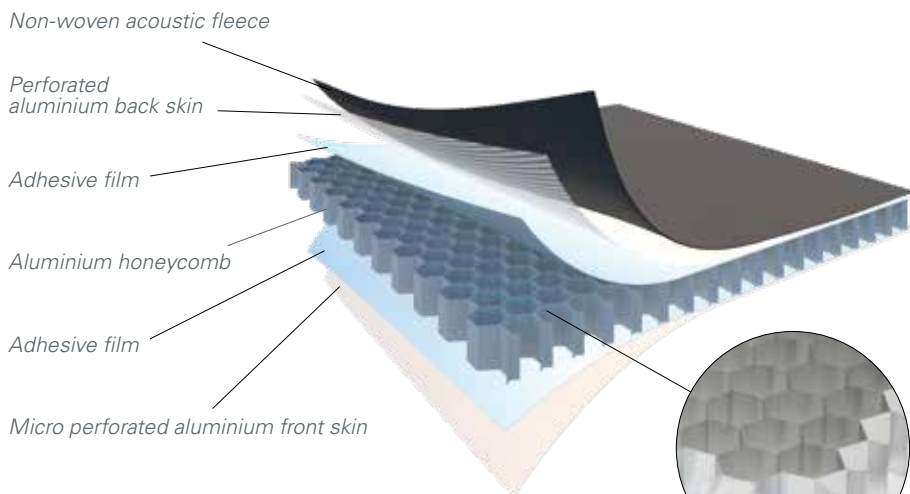
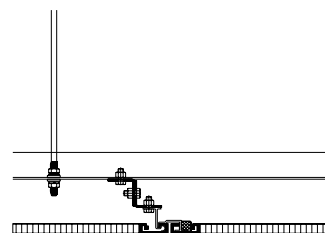
- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions
- Each panel can be individually dismantled.

TYPICAL ISOMETRICS

- 1 = General panel
- 2 = Carrier bracket
- 3 = Carrier
- 4 = Carrier



TYPICAL SECTIONS



Honeycomb aluminium core

PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%

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

Weight: Varies 6.5 - 13.3 kg/m²

Acoustic rating: α_w 0.75: See page 393

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

CUSTOM COLOURS



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 Wengè Titzinc 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.

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)

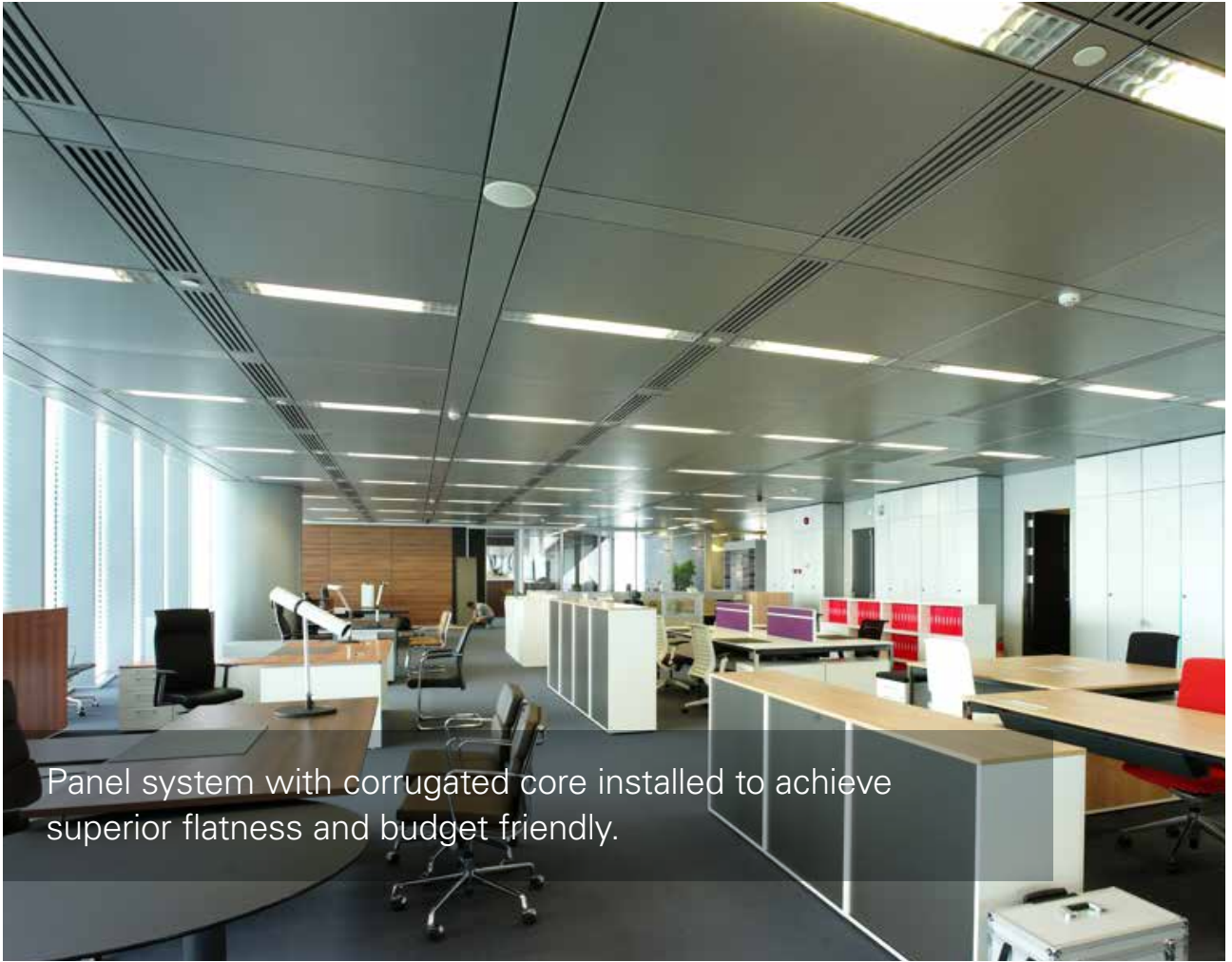


Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Lilacs International Commercial Centre, Shanghai, China - Product: Honeycomb Internal Ceiling - Architect: Benoy



Panel system with corrugated core installed to achieve superior flatness and budget friendly.

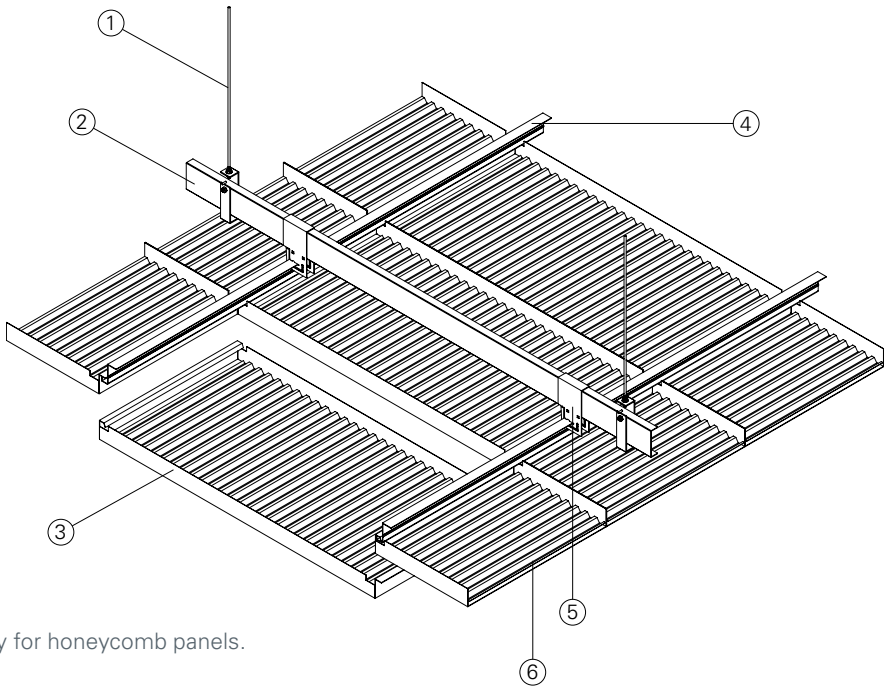
*Project: Guangzhou Litong Plaza , Guangdong, China - Product: Corrugated Panels
Architect: Murphy/Yang Architectural Design Firm, Architectural Design and Research Institute of South China University of Technology*

KEY FEATURES

- The max of a single metal plate 1000 x 3000mm
- Customizable processing, compound molding in the factory, reducing the workload on the construction site
- The plate is light in weight and has a small load on the support structure
- Easy to install, each piece can be removed and replaced at will

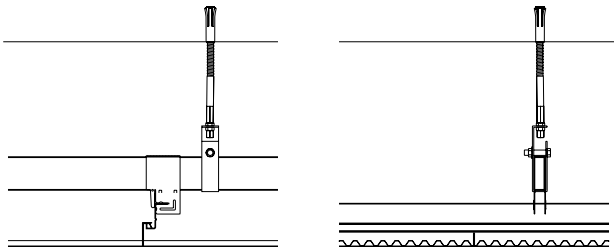
TYPICAL ISOMETRICS

- 1 = Hanger
- 2 = Carrier
- 3 = Composite panel
- 4 = Carrier
- 5 = Carrier bracket
- 6 = Corrugated core



The hanger system is also apply for honeycomb panels.

TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⋈ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⋈ 4.33 ⇔ 5 Openness 20.9%

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A1 according EN 13501-1
Class A2 according GB 8624
- Weight: Varies 4.9 - 7.8 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
- Acoustic ratings: α_w 0.55-0.90: See page 392

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
- EPD: Available upon request

COLOURS AND FINISHES

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SOLID COLOURS

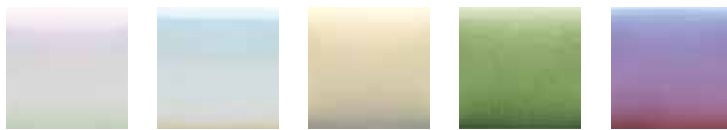


Traffic White Stone Grey Anthracite Grey Marine Blue Neutron Red

CUSTOM COLOURS



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 Wengè Titzinc 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.

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Maanshan Municipal Park , Anhui, China - Product: Corrugated Panels - Architect: Australian TMG Design Group



HunterDouglas® XL50 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.

Project: Lario Centre - Bennet, Tavernola, Italy - Product: QuadroClad® Acoustic panels XL50 - Architect: Progetto CMR

QUADROCLAD® ACOUSTIC

QuadroClad® 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 systems. The QuadroClad® 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.

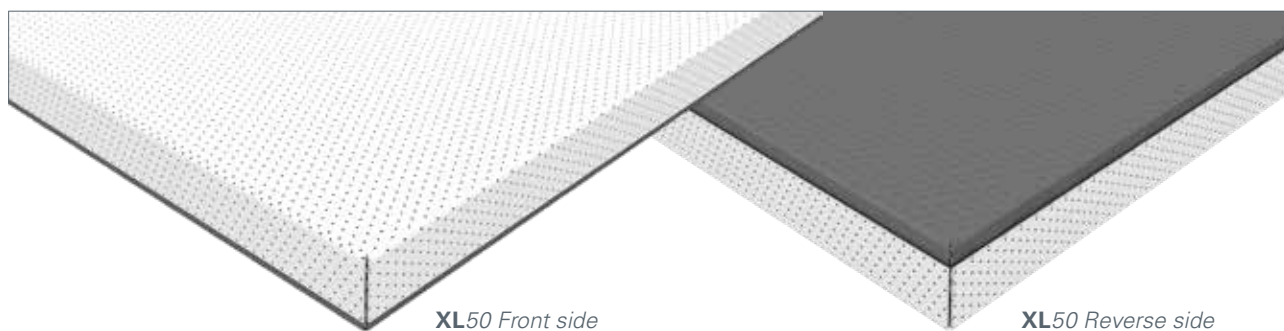
XL50

QuadroClad® 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

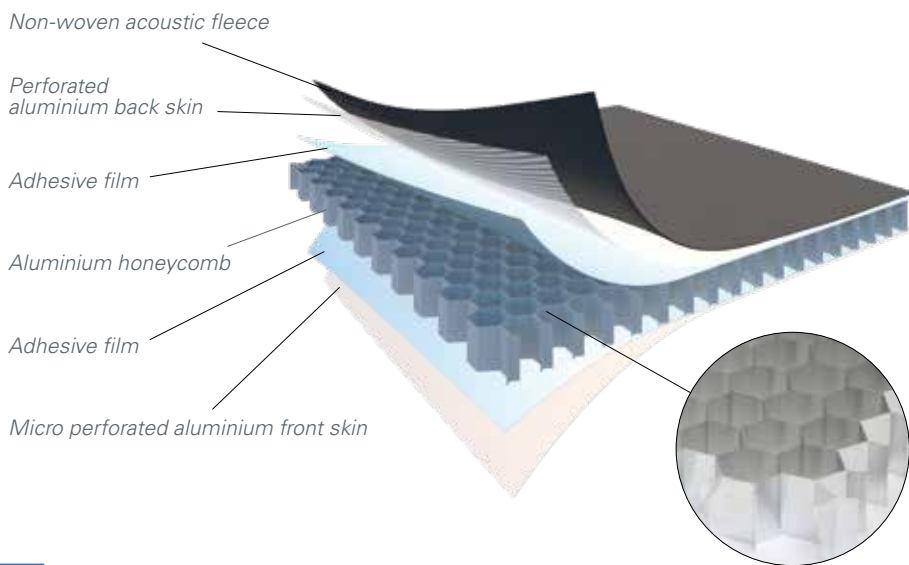
TYPICAL ISOMETRICS



XL50 Front side

XL50 Reverse side

ALUMINIUM HONEYCOMB



Honeycomb aluminium core

PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⌈ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⌈ 4.33 ⇔ 5 Openness 20.9%

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 part temperature cured mm

Weight: Varies 6.5 - 13.3 kg/m²

Acoustic rating: α_w 0.75: See page 393

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

CUSTOM COLOURS



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 Wengè Titzinc Futura Carbon Zoom Perforated Metal

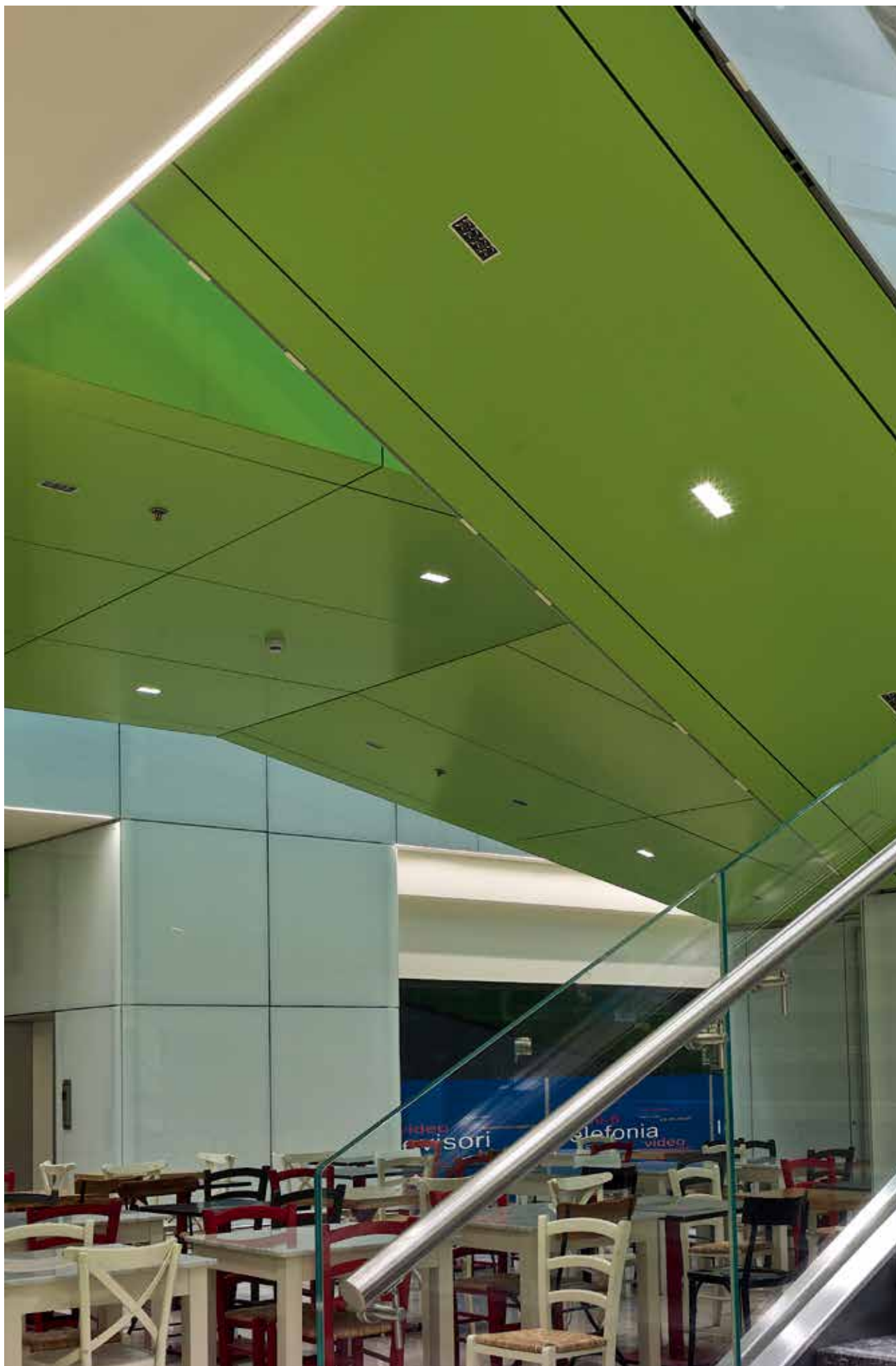
Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity. Colours are available in different gloss units as well as high gloss and matt finishes.

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)

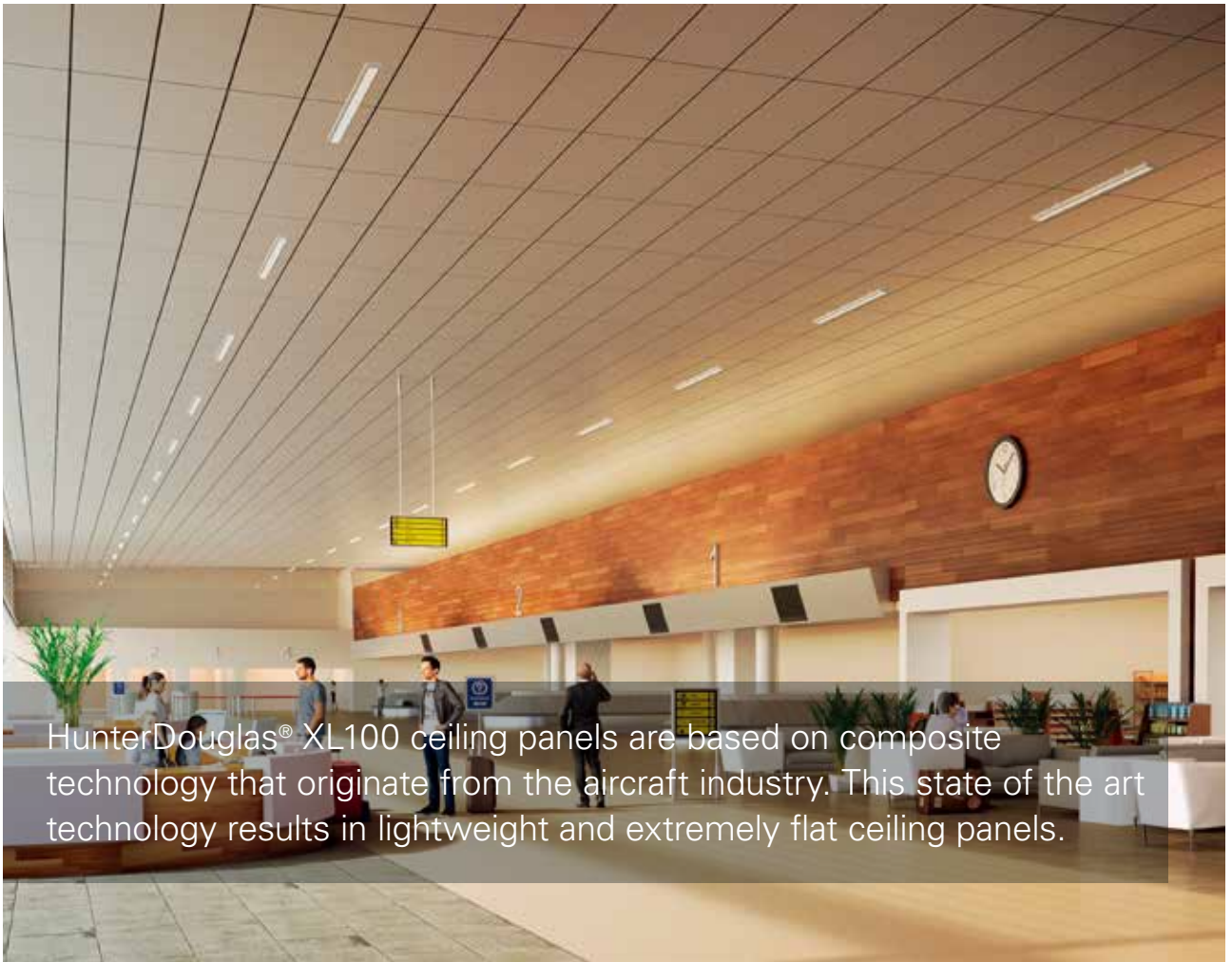


Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Lario Centre - Bennet, Tavernola, Italy - Product: QuadroClad® 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.

Project: Visualisation Public Space - Product: QuadroClad® Acoustic panels XL100

QUADROCLAD® ACOUSTIC

QuadroClad® 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 systems. The QuadroClad® 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.

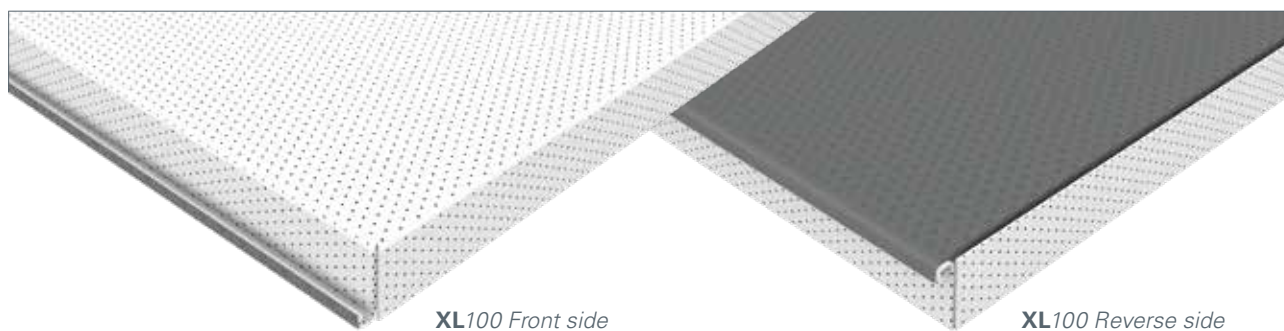
XL100

QuadroClad® 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

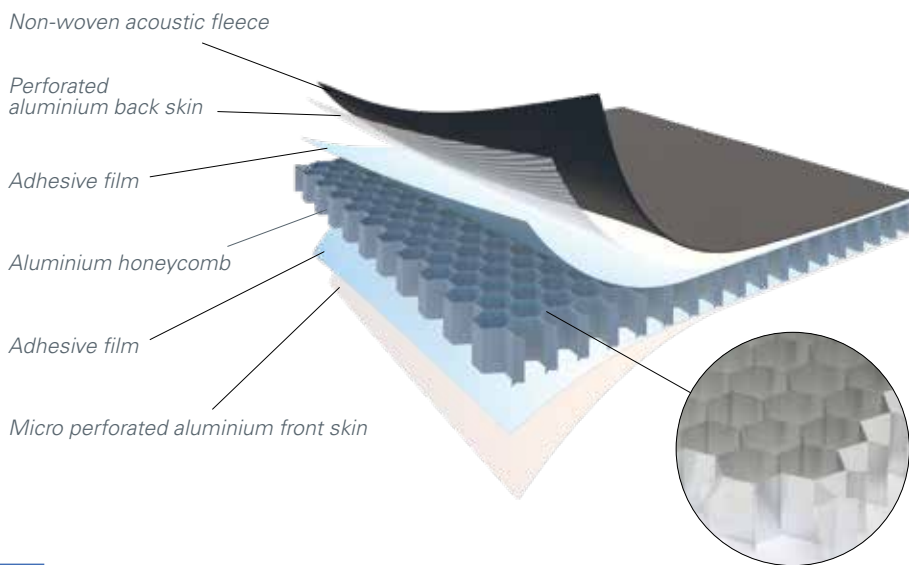
TYPICAL ISOMETRICS



XL100 Front side

XL100 Reverse side

ALUMINIUM HONEYCOMB



Honeycomb aluminium core

PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⌈ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⌈ 4.33 ⇔ 5 Openness 20.9%

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 part temperature cured mm

Weight: Varies 6.5 - 13.3 kg/m²

Acoustic rating : α_w 0.75: See page 393

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

CUSTOM COLOURS



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 Wengè Titzinc Futura Carbon Zoom Perforated Metal

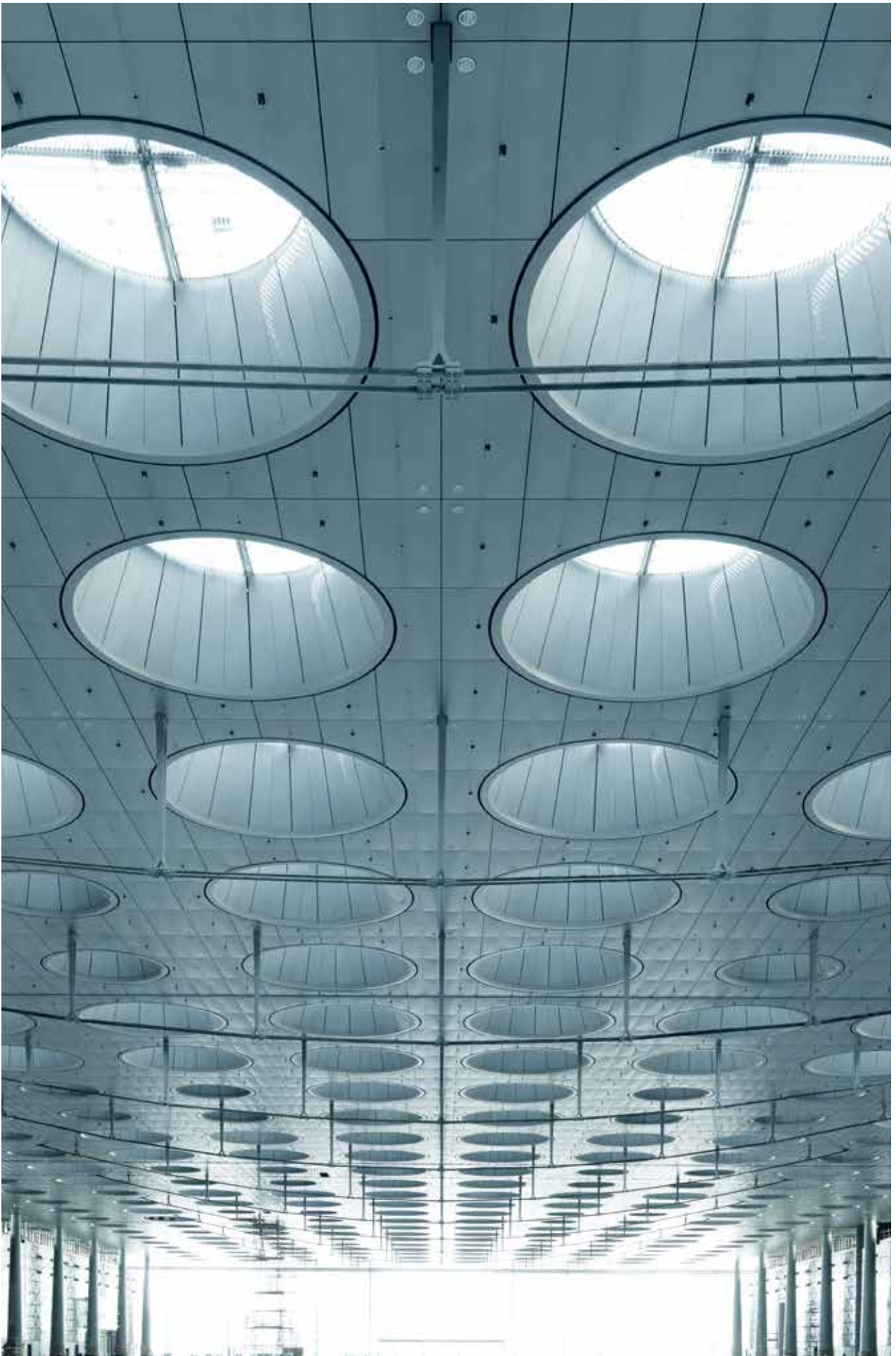
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POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)

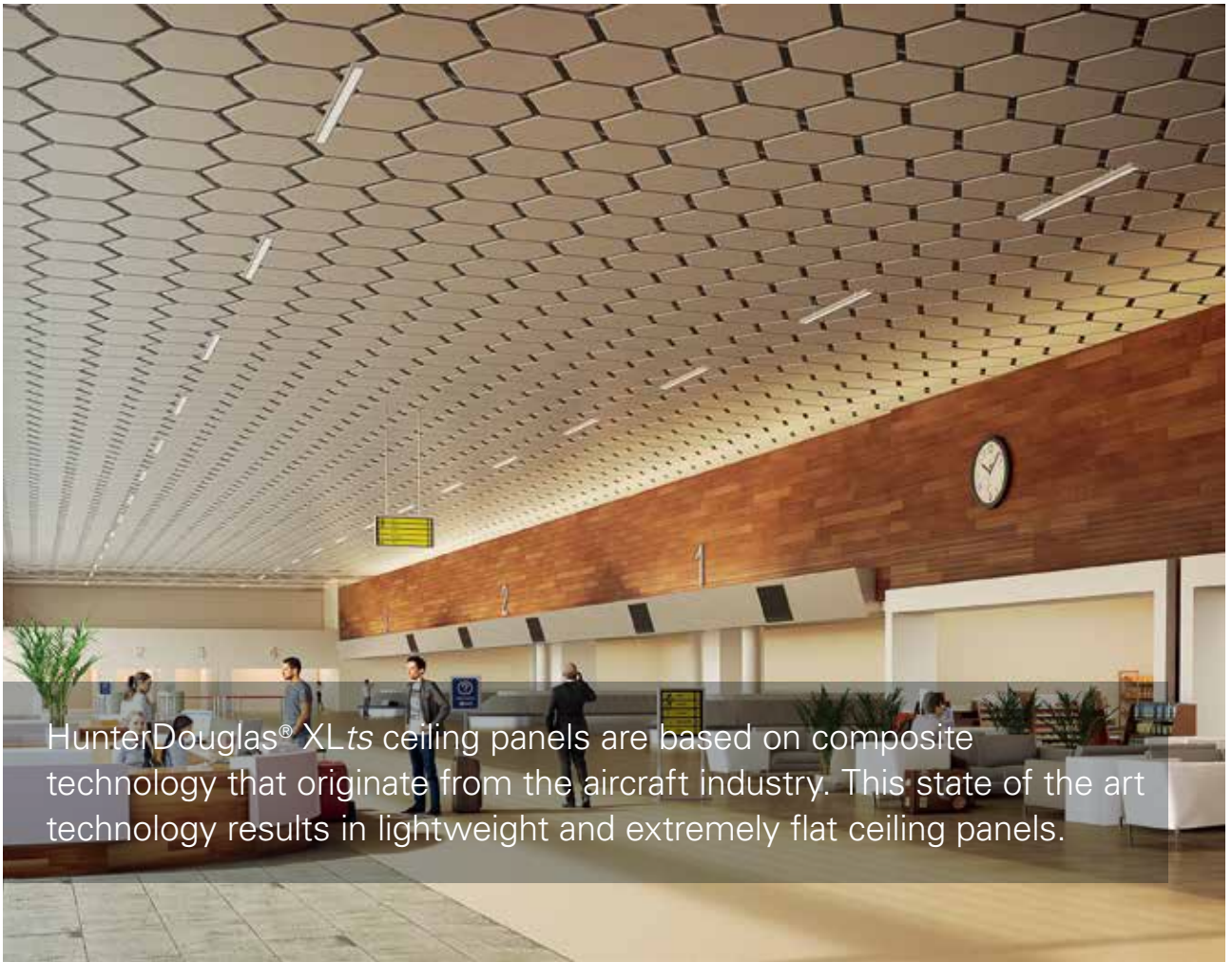


Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Doha Convention Centre, Doha, Qatar - Product: QuadroClad® 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.

Project: Visualisation Public Space - Product: QuadroClad® Acoustic panels XLts (torsion spring)

QUADROCLAD® ACOUSTIC

QuadroClad® 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 systems. The QuadroClad® 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.

XLts

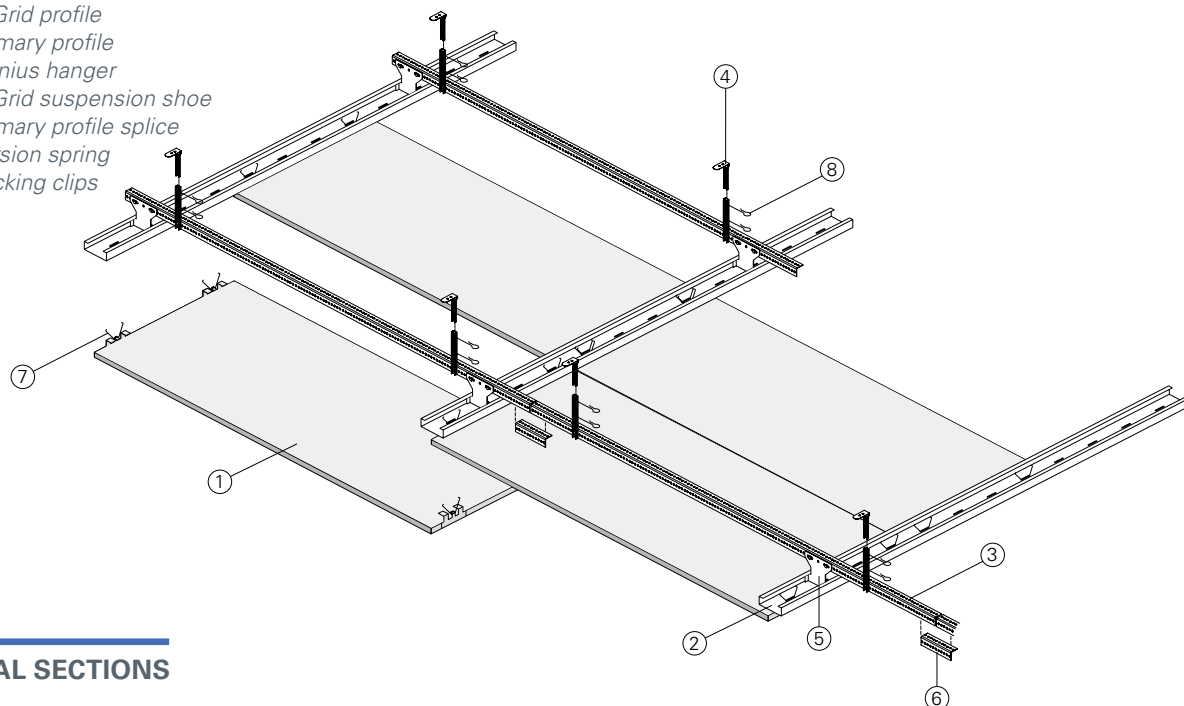
Our QuadroClad® Torsion Spring metal ceiling delivers style and ease with its versatile carrier/grid system. Both flat and curved panels swing down ensuring safe access to the plenum. The **XLts** is a ceiling solution with reliable, easy to install substructure. Each ceiling panel can be swung down along the suspension profile in either direction for maintenance work. Large-size concealed panels offer a monolithic visual with 100% downward accessibility.

KEY FEATURES

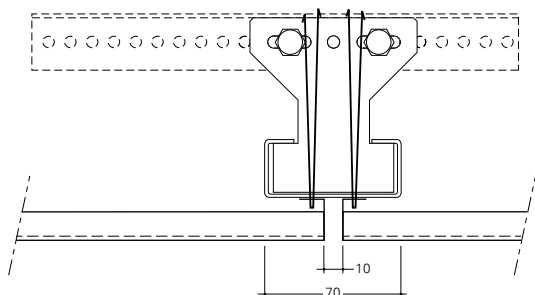
- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions

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 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⋈ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⋈ 4.33 ⇔ 5 Openness 20.9%

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 part temperature cured mm

Weight: Varies 6.5 - 13.3 kg/m²

Acoustic rating: α_w 0.75: See page 393

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

CUSTOM COLOURS



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 Wengè Titzinc Futura Carbon Zoom Perforated Metal

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POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)

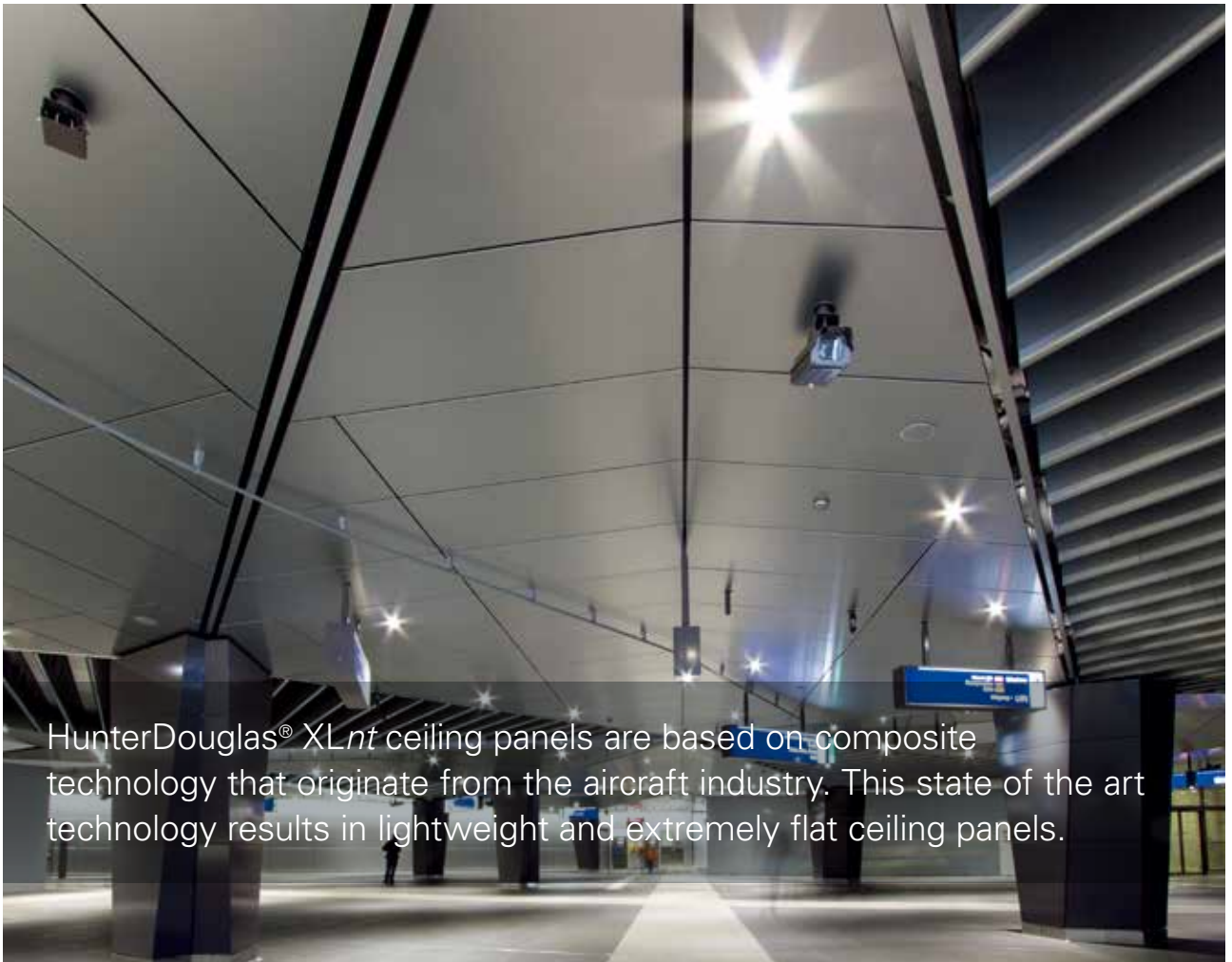


Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Voorwinden, 's-Gravendeel, The Netherlands - Product: QuadroClad® Acoustic panels XLts (torsion spring)
Architect: Architectenburo Roos en Ros



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.

Project: Noord Zuidlijn, Amsterdam, The Netherlands - Product: QuadroClad® Acoustic panels XLnt (Swing Down)
Architect: Benthem Crouwel Architects

QUADROCLAD® ACOUSTIC

QuadroClad® 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 systems. The QuadroClad® 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.

XLnt

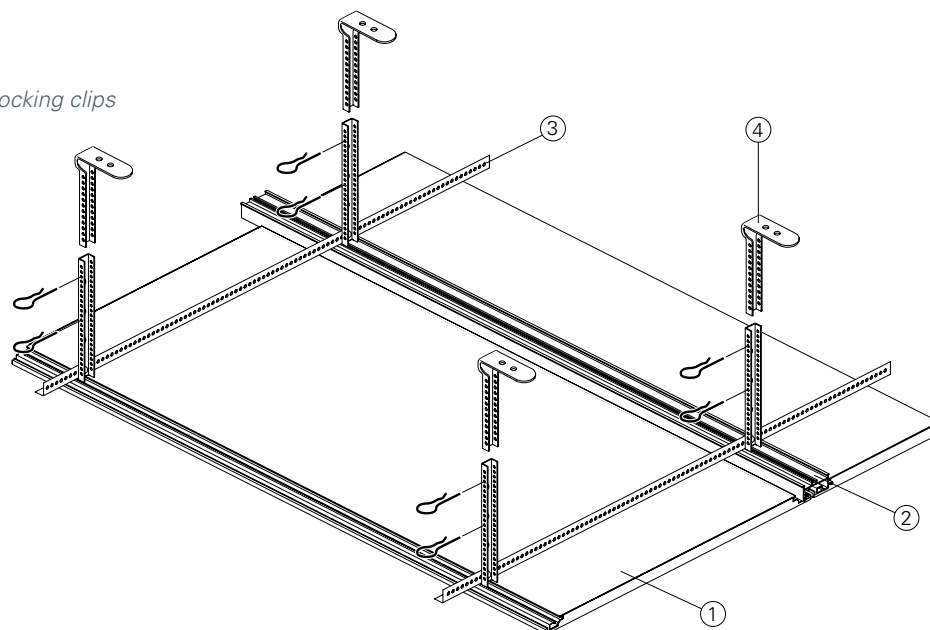
QuadroClad® XLnt is our COMPLETE system and as its name suggests is our most comprehensive ceiling solution. It is a fully engineered panel with aluminum extrusion frames on two sides. The ceiling has a narrow 12.5 mm wide joint around each panel. The panels are installed as a hook-on system with swing-up / swing-down mounting. Each individual panel can be opened/demounted for easy access to the services and installations within the plenum.

KEY FEATURES

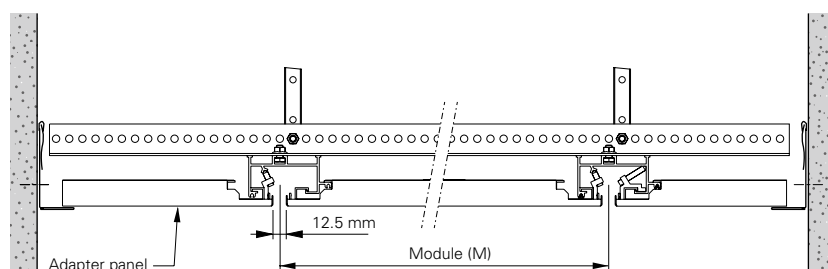
- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions
- Narrow joints

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 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⇆ 5.5 ⇆ 5.5 Openness 16%	P123 Ø 2.4 mm ⇆ 4.33 ⇆ 5 Openness 20.9%

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 part temperature cured mm

Weight: Varies 6.5 - 13.3 kg/m²

Fire rating: B,s1,d0 according EN 13501-1
Class A2 according GB 8624

Acoustic rating: α_w 0.75: See page 393

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



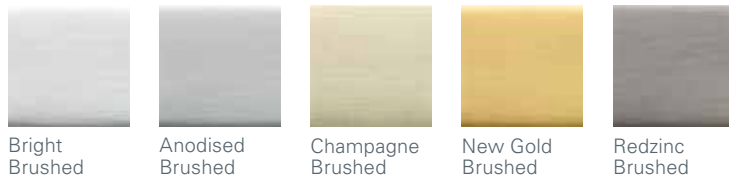
CUSTOM COLOURS



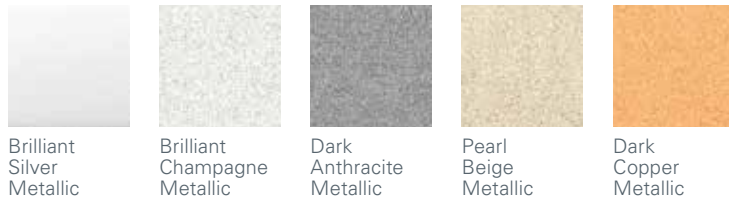
SPARKLING MICA



NATURAL - ANODISED ALUMINIUM



AMAZING METALLIC

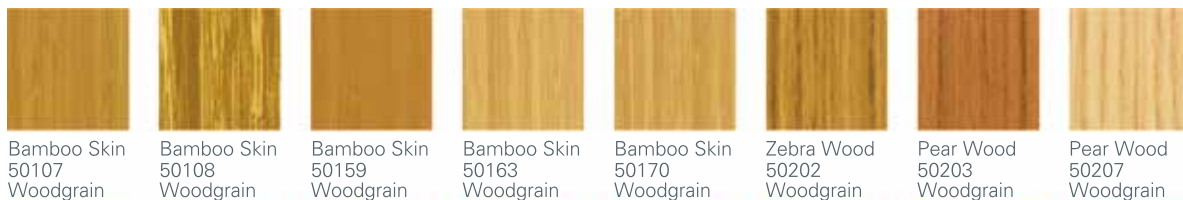


DESIGNS AND SPECIALS

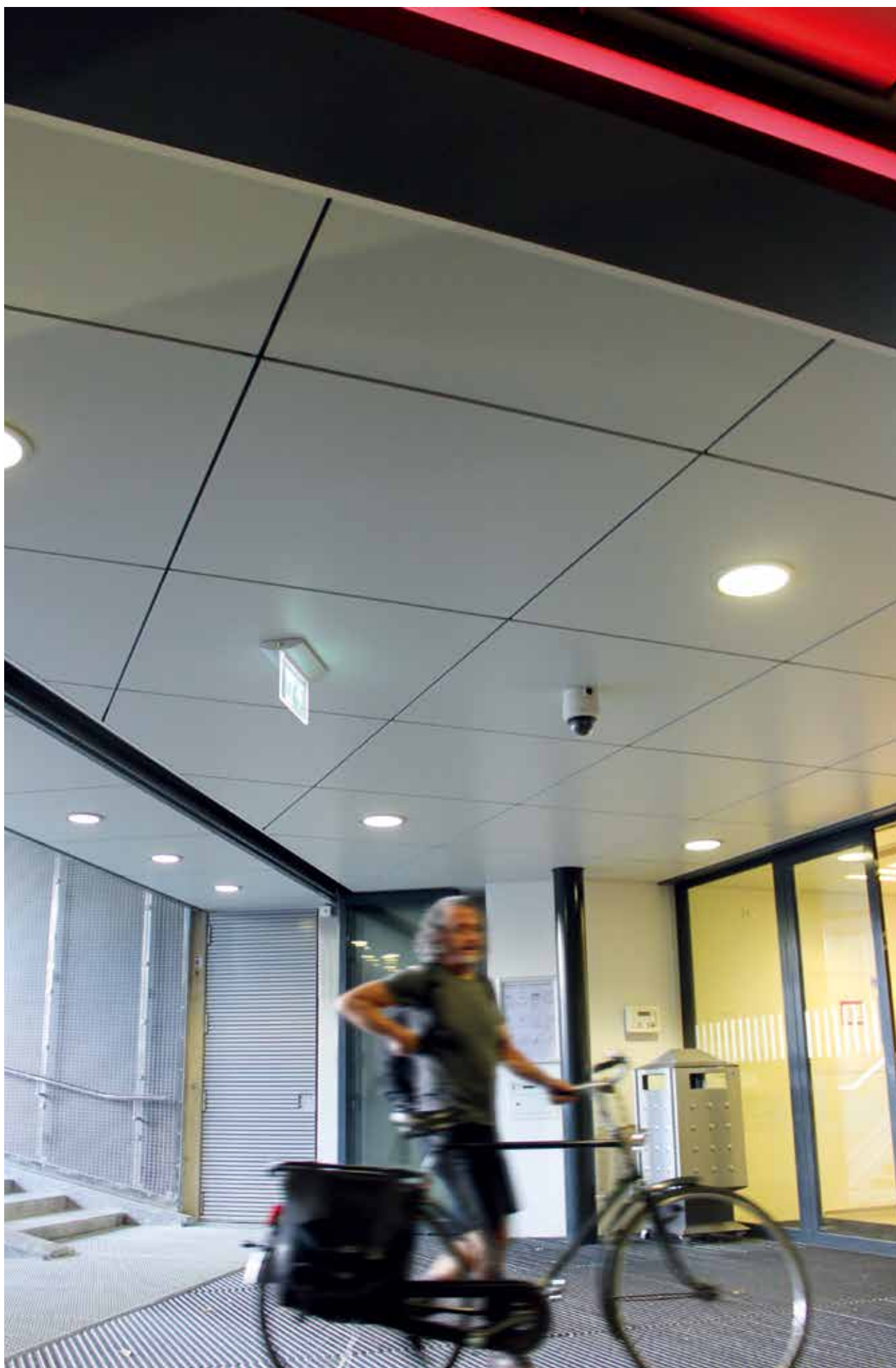


Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity. Colours are available in different gloss units as well as high gloss and matt finishes.

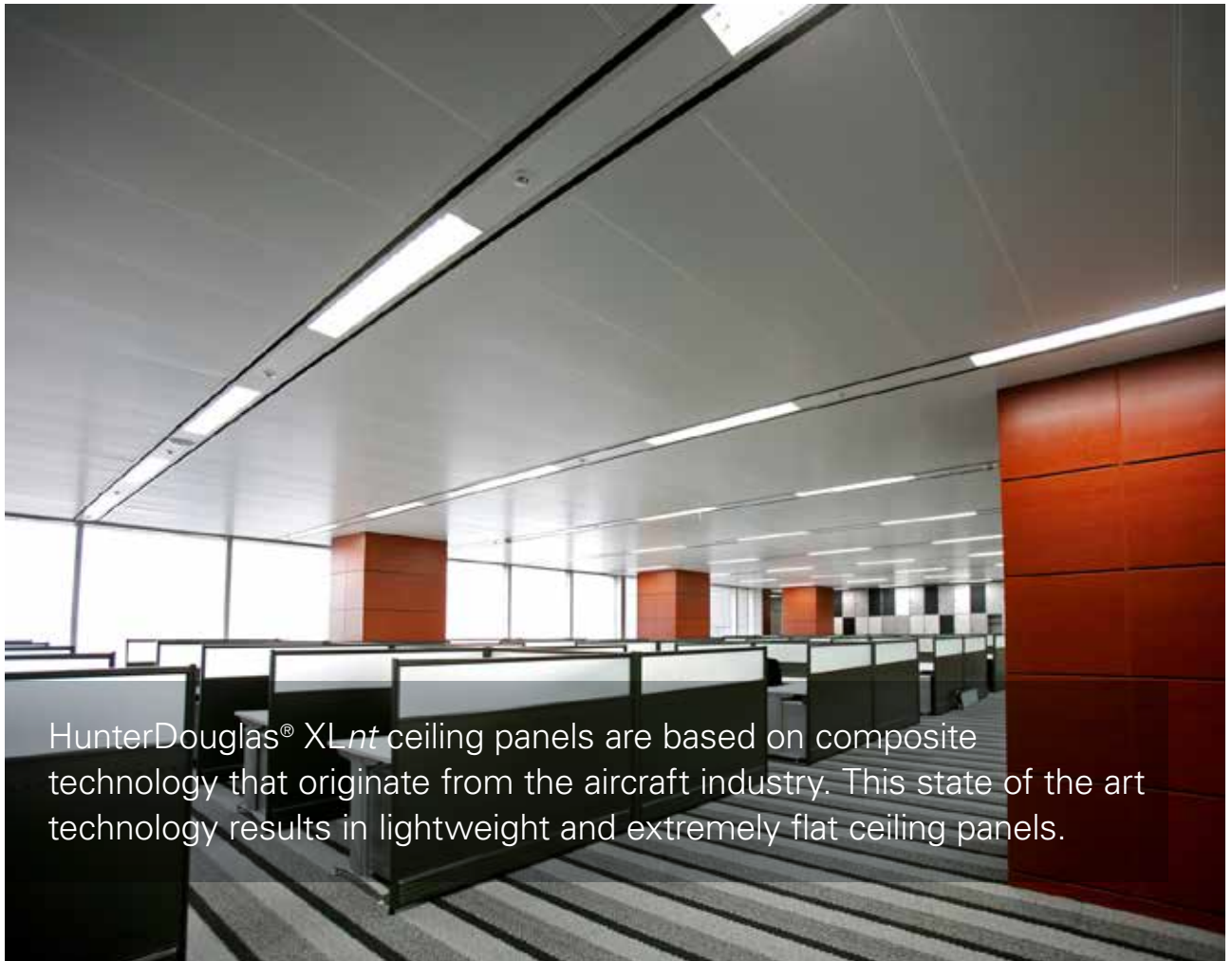
POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



(For more wood grain finishes, see page 388.)



Project: Bicycle Parking Jaarbeursplein, Utrecht, The Netherlands - Product: QuadroClad® Acoustic panels XLnt (Swing Down)
Architect: Kraaijvanger Architects



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.

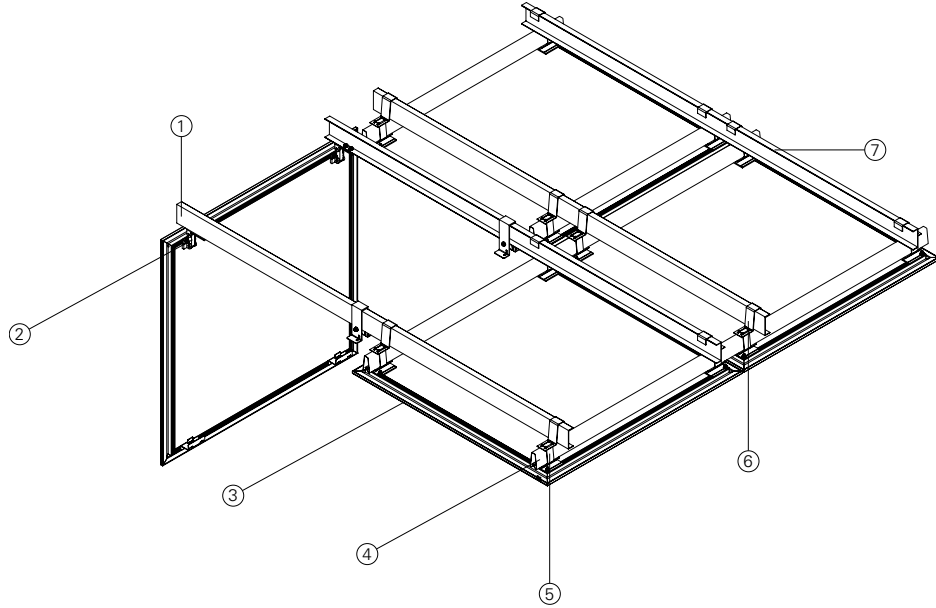
Project: Shanghai Bank Building, China - Product: QuadroClad® Acoustic Panels XLnt (Swing down Type 2) - Architect: ECADI.

KEY FEATURES

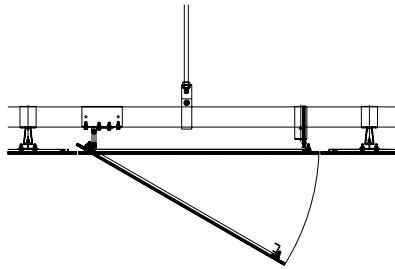
- Superior flatness
- Easy installation
- Big panel size
- High panel quality
- Smooth appearance
- Fire retardant
- Curved solutions
- Narrow joints

TYPICAL ISOMETRICS

- 1 = Carrier
- 2 = Rotating shaft
- 3 = Honeycomb panel
- 4 = Carrier
- 5 = Carrier Hook
- 6 = Carrier Hook
- 7 = Carrier

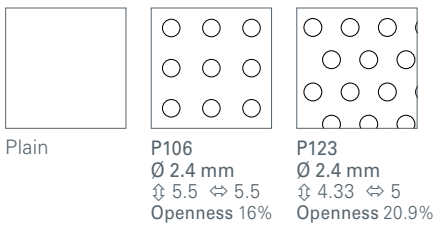


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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 part temperature cured mm

Weight: Varies 6.5 - 13.3 kg/m²

Fire rating: B,s1,d0 according EN 13501-1
Class A2 according GB 8624

Acoustic rating: α_w 0.75: See page 393

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

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SOLID COLOURS



CUSTOM COLOURS



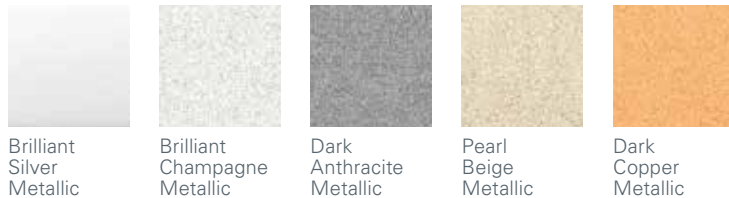
SPARKLING MICA



NATURAL - ANODISED ALUMINIUM



AMAZING METALLIC

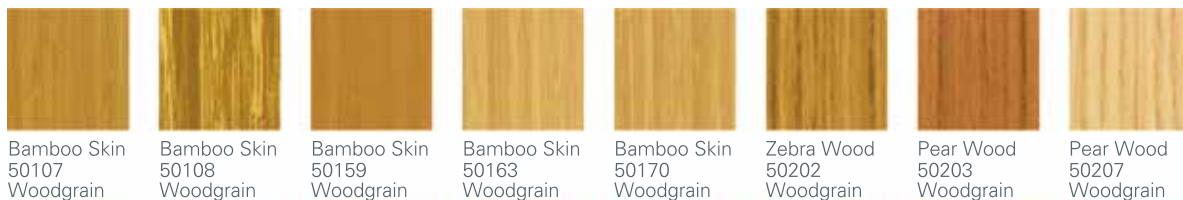


DESIGNS AND SPECIALS



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.

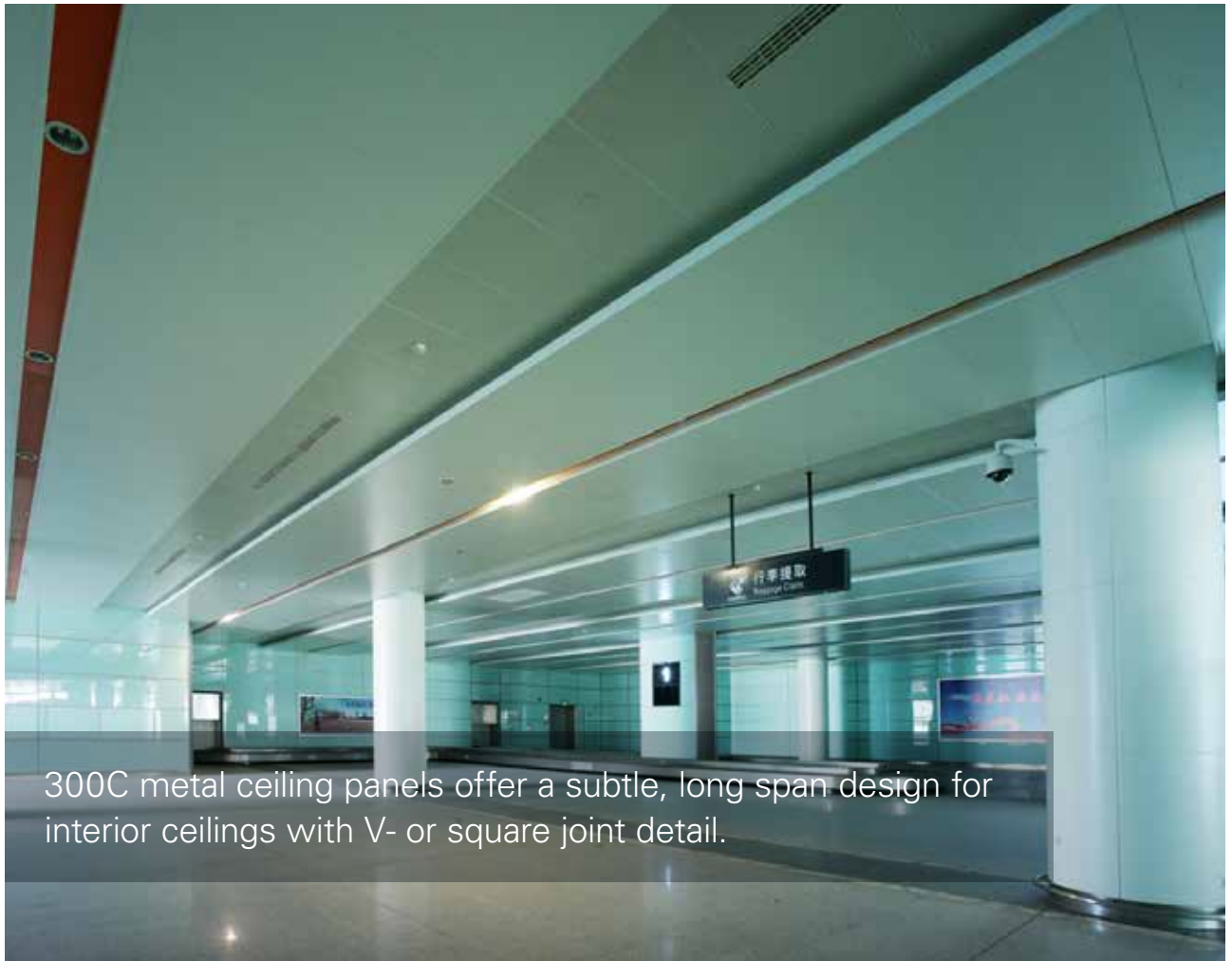
POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



(For more wood grain finishes, see page 388.)



Project: Fuzhou Eastern New City, China - Product: QuadroClad® Acoustic Panels XLnt (Swing down Type 2)
Architect: Fujian Tianzheng Design and Research Institute



300C metal ceiling panels offer a subtle, long span design for interior ceilings with V- or square joint detail.

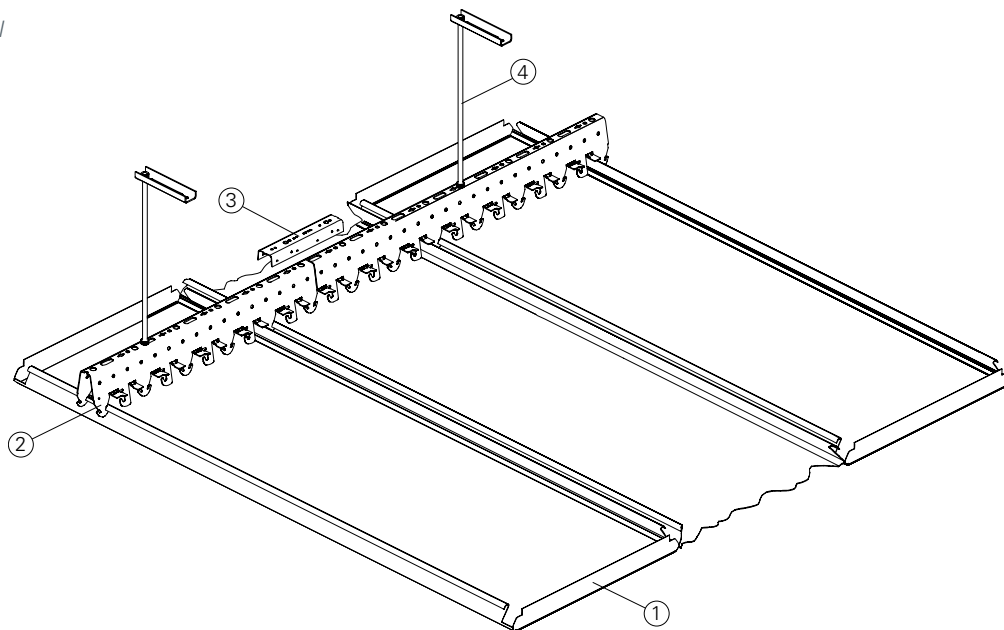
Project: Changzhou Airport, China - Product: Luxalon® 300C Wide Panel Ceiling - Architect: Hunan University Architectural Design Institute

KEY FEATURES

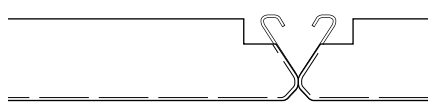
- Panel width: 300 mm
- Panel length: 1000 - 6000 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = General panel
- 2 = Carrier
- 3 = carrier splice
- 4 = Hanger



TYPICAL SECTIONS



300C

PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⌈ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⌈ 4.33 ⇔ 5 Openness 20.9%	300C

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
 Class A2 according GB 8624
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: α_w 0.75. See page 392

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+
- 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 0585 0684

METALS



7163 7007 7178 7113

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)

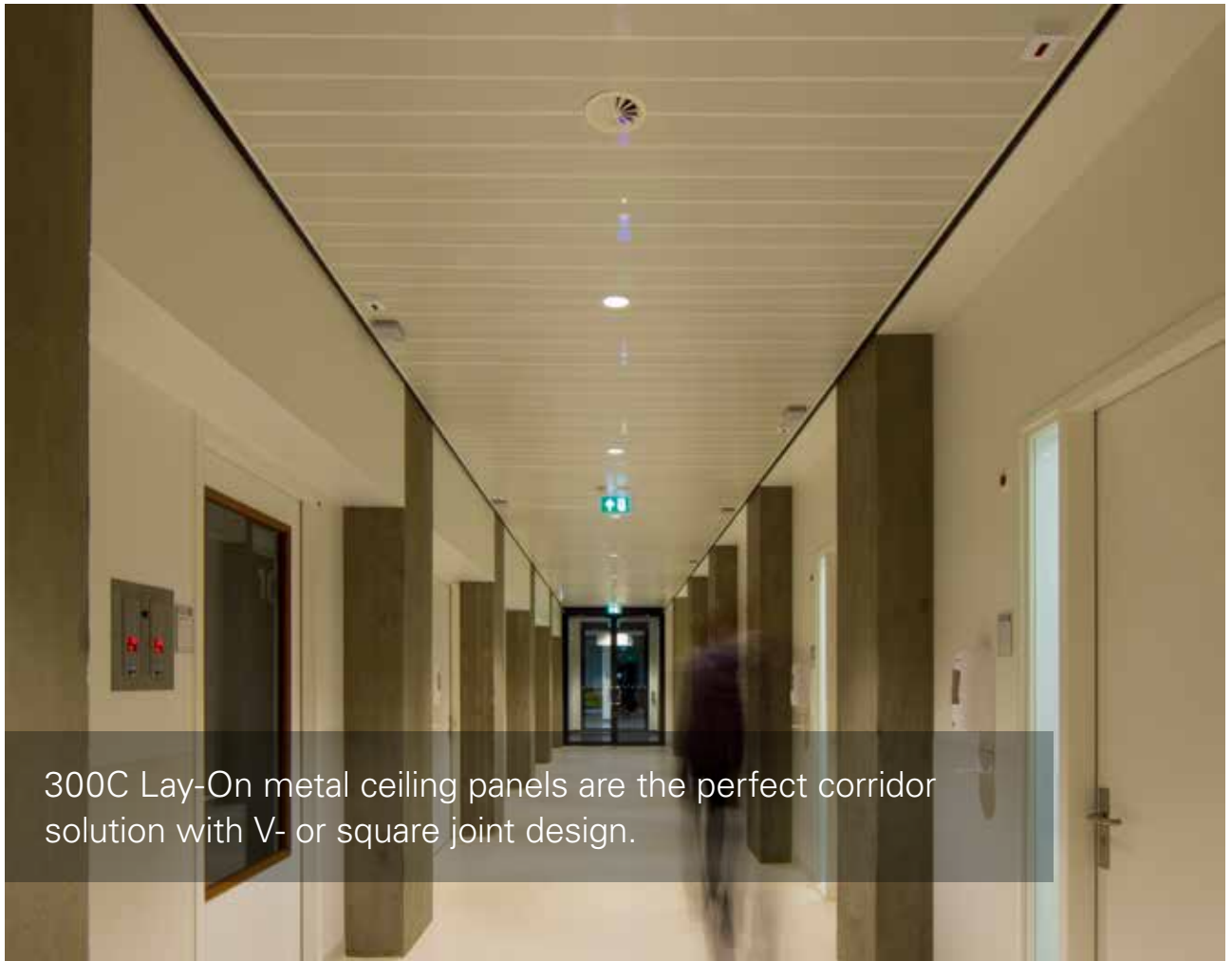


Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Guangzhou Baiyun International Airport, China - Product: Luxalon® 300C Wide Panel Ceiling
Architect: Parsons Technology Group Corporation & URS Greiner & Architectural Design & Research Institute of Guangdong Province



300C Lay-On metal ceiling panels are the perfect corridor solution with V- or square joint design.

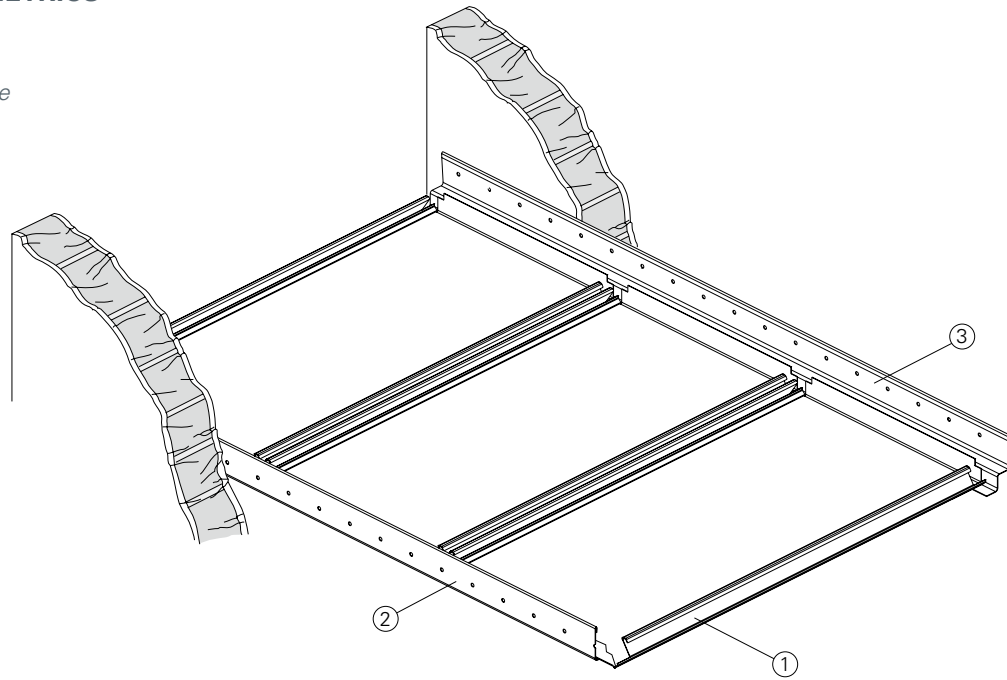
Project: Radboud Ziekenhuis, Nijmegen, The Netherlands - Product: Wide Panel 300C (Lay-On) - Architect: EGM Architecten

KEY FEATURES

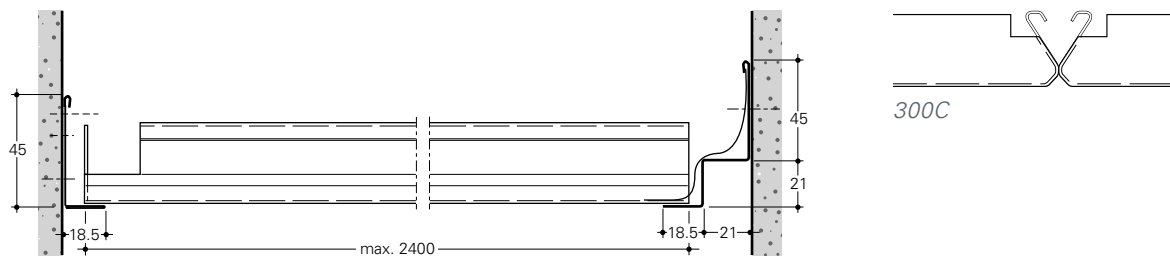
- Panel width: 300 mm
- Panel length: 1000 - 2400 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Lay-on panel
- 2 = Wall L-profile
- 3 = Wall W-profile



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⌀ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⌀ 4.33 ⇔ 5 Openness 20.9%	300C 8.5

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
 Class A2 according GB 8624
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: α_w 0.75. See page 392

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+
- 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



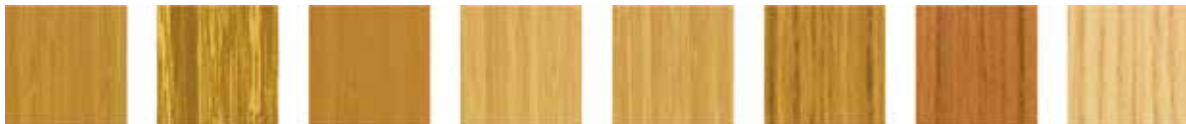
0280 RAL 9010 0585 0684

METALS



7163 7007 7178 7113

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)

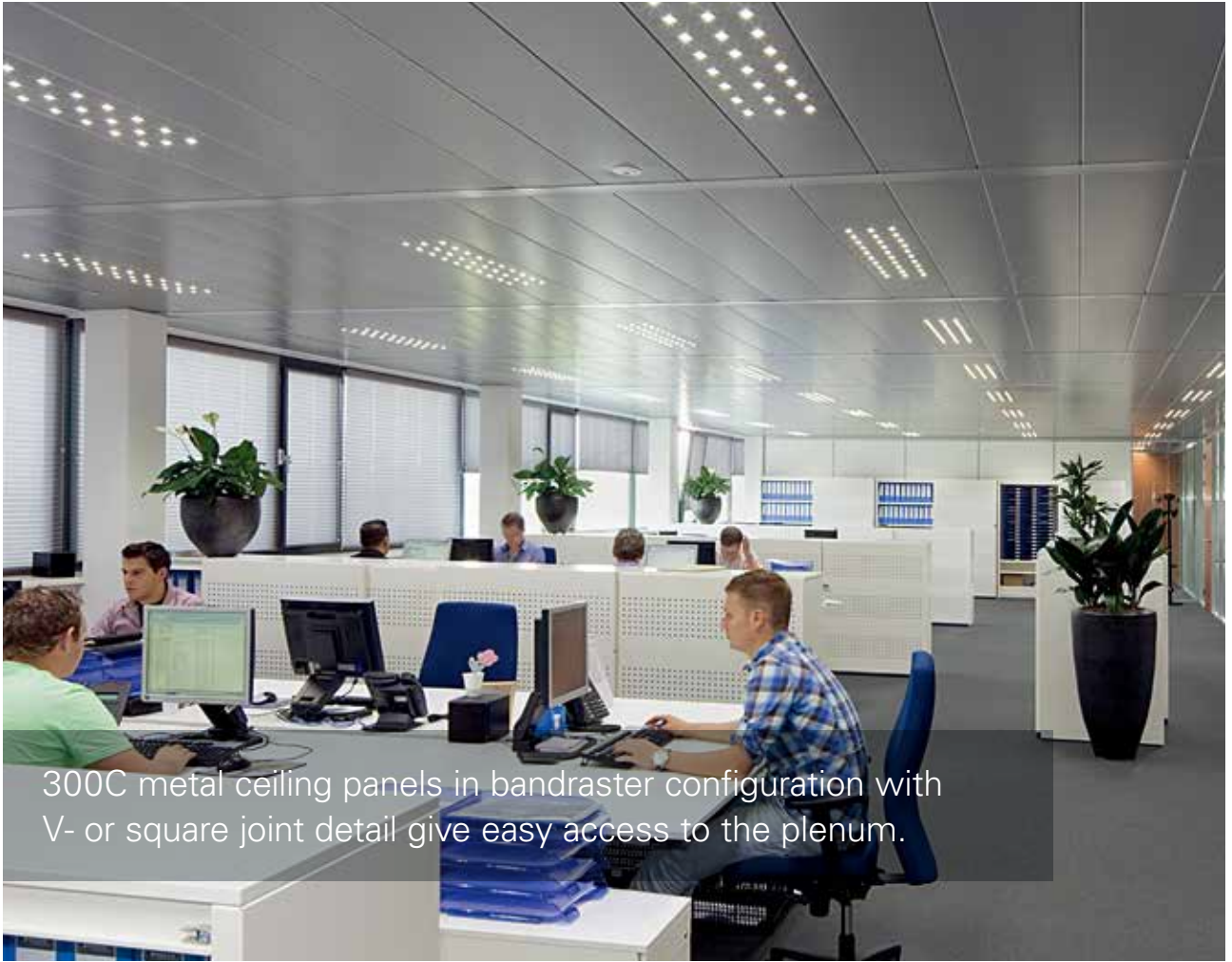


Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Sint-Vincentius GZA Ziekenhuizen, Berchem, Belgium - Product: Wide Panel 300C (Lay-On) - Architect: Architectenbureau De Vloed, Heusden-Destelbergen



300C metal ceiling panels in bandraaster configuration with V- or square joint detail give easy access to the plenum.

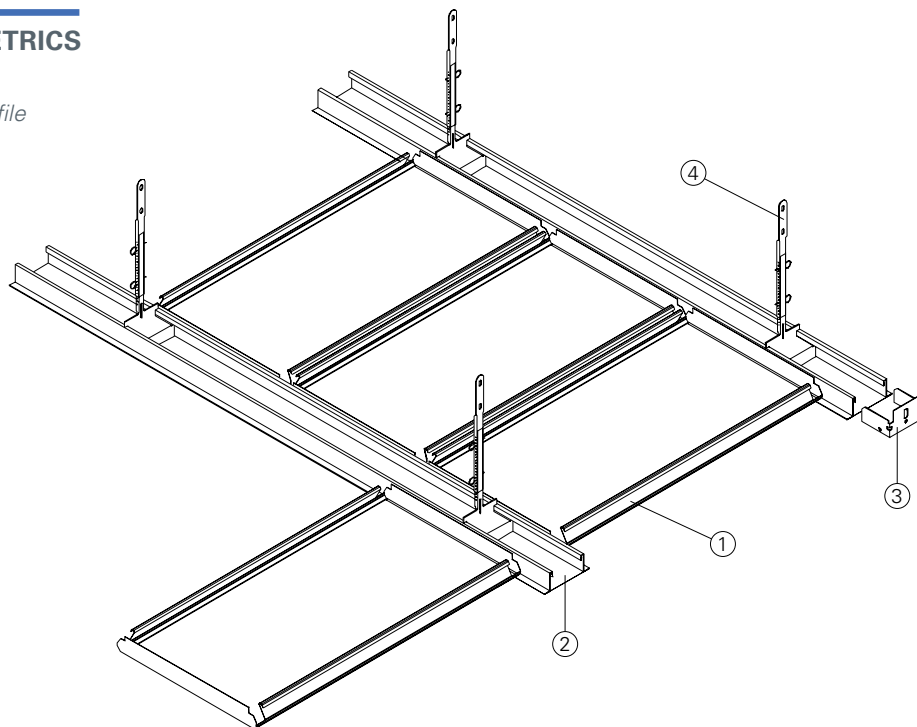
Project: Brezan automaterialen, Ede, Nederland - Product: Wide Panel 300C (Bandraaster) - Architect: VBJ Architectuur en Bouwmanagement

KEY FEATURES

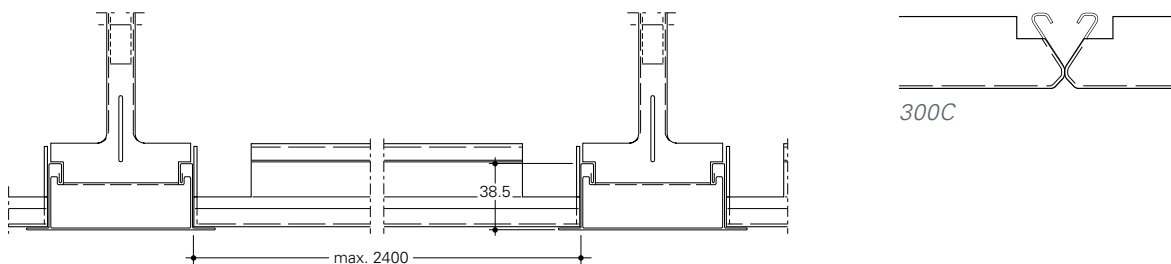
- Panel width: 300 mm
- Panel length: 1000 - 2400 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = Lay-on panel
- 2 = Bandraster profile
- 3 = Wall bracket
- 4 = Suspension



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⌈ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⌈ 4.33 ⇔ 5 Openness 20.9%	300C 8.5

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s1,d0 according EN 13501-1
 Class A2 according GB 8624
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: α_w 0.75: See page 392

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

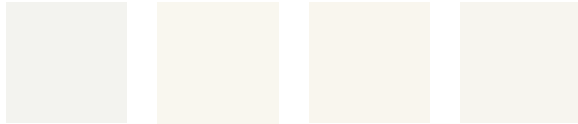
CERTIFICATIONS

ISO 9001
 ISO 14001
 TAIM Certified
 French VOC Regulation: Class A+
 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

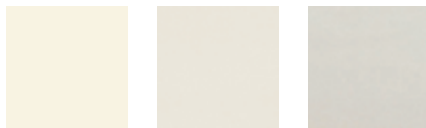
4648

0785

0735

1883
RAL 9011

WARM WHITES



0280
RAL 9010

0585

0684

METALS



7163

7007

7178

7113

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin
50107
Woodgrain

Bamboo Skin
50108
Woodgrain

Bamboo Skin
50159
Woodgrain

Bamboo Skin
50163
Woodgrain

Bamboo Skin
50170
Woodgrain

Zebra Wood
50202
Woodgrain

Pear Wood
50203
Woodgrain

Pear Wood
50207
Woodgrain

(For more wood grain finishes, see page 388.)



Project: Brezan automaterialen, Ede, Nederland - Product: Wide Panel 300C (Bandraster) - Architect: VBJ Architectuur en Bouwmanagement



300C metal ceiling panels in c-grid configuration with V- or square joint detail give easy access to the plenum and provide a smooth finish.

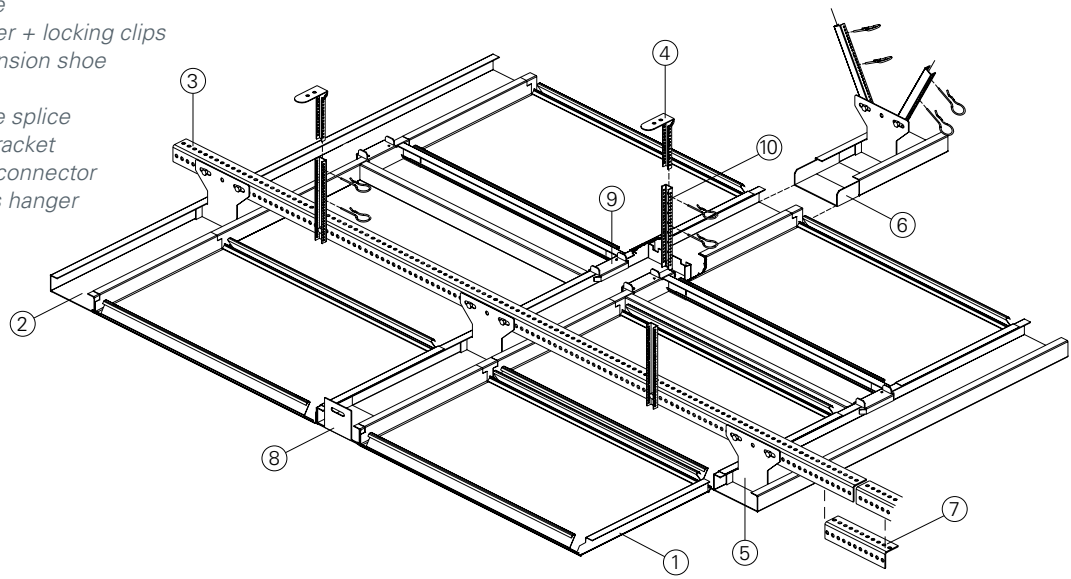
Project: OCMW, Brugge, Belgium - Product: Wide Panel 300C (C-grid) - Architect: Archinovo

KEY FEATURES

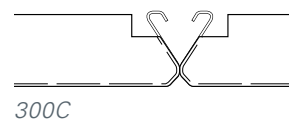
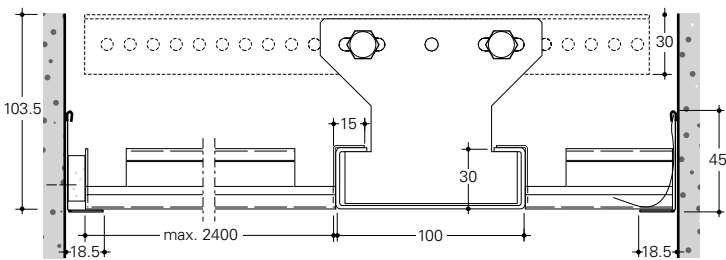
- Panel width: 300 mm
- Panel length: 1000 - 2400 mm
- Bevel-edge design and square edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

TYPICAL ISOMETRICS

- 1 = C-grid panel
- 2 = C-grid
- 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



TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.

Plain	P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%	300C 8.5

PHYSICAL DATA

- Substrate: Steel or Aluminium
- Fire rating: Class A2,s1,d0 according EN 13501-1
Class A2 according GB 8624
- 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: α_w 0.75: See page 392

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

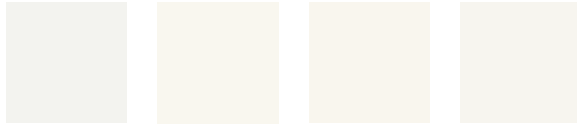
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- 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

0585

0684

METALS



7163

7007

7178

7113

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin
50107
Woodgrain

Bamboo Skin
50108
Woodgrain

Bamboo Skin
50159
Woodgrain

Bamboo Skin
50163
Woodgrain

Bamboo Skin
50170
Woodgrain

Zebra Wood
50202
Woodgrain

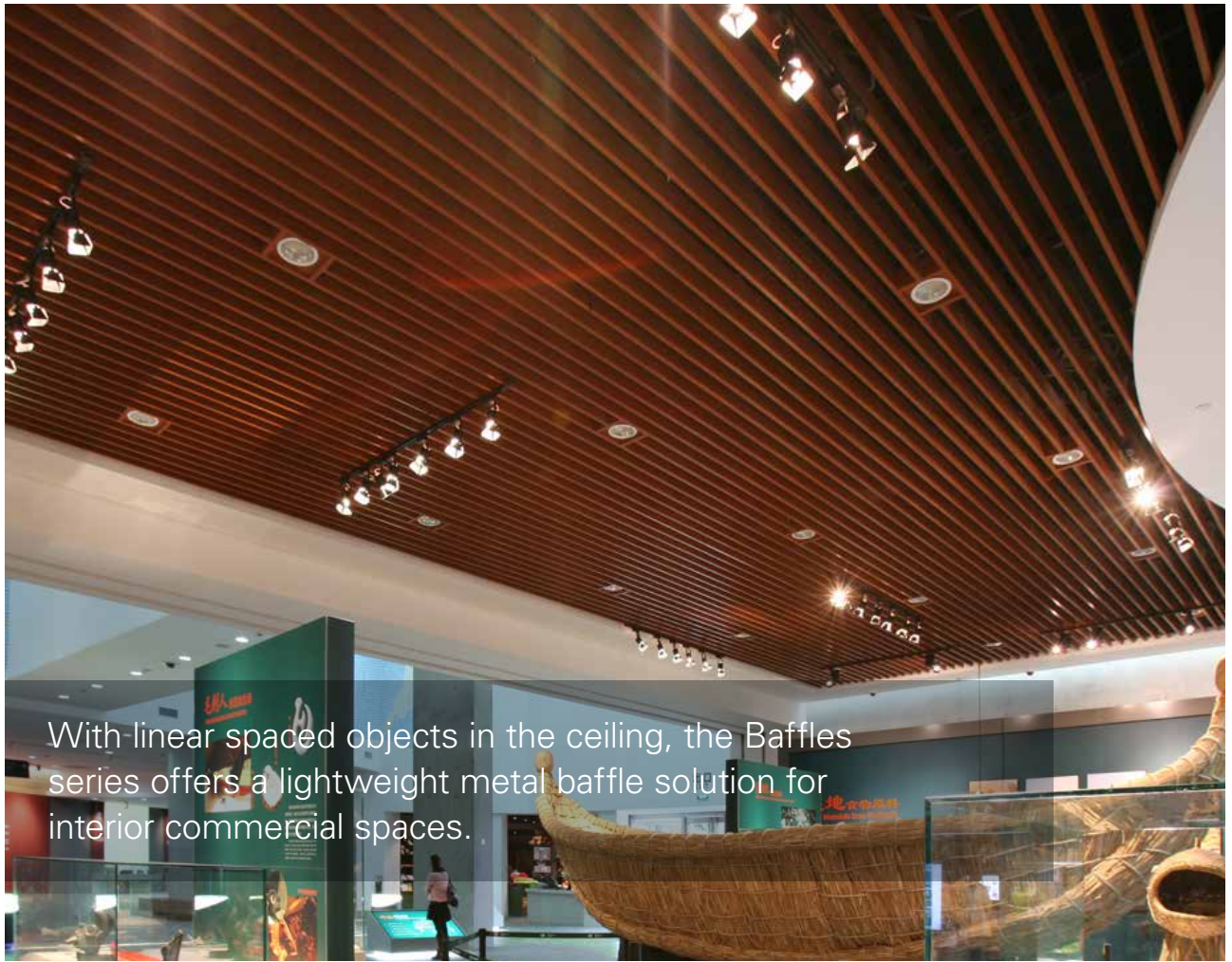
Pear Wood
50203
Woodgrain

Pear Wood
50207
Woodgrain

(For more wood grain finishes, see page 388.)



Project: Employee restaurant, Denmark - Product: Wide Panel 300C (C-grid)



With linear spaced objects in the ceiling, the Baffles series offers a lightweight metal baffle solution for interior commercial spaces.

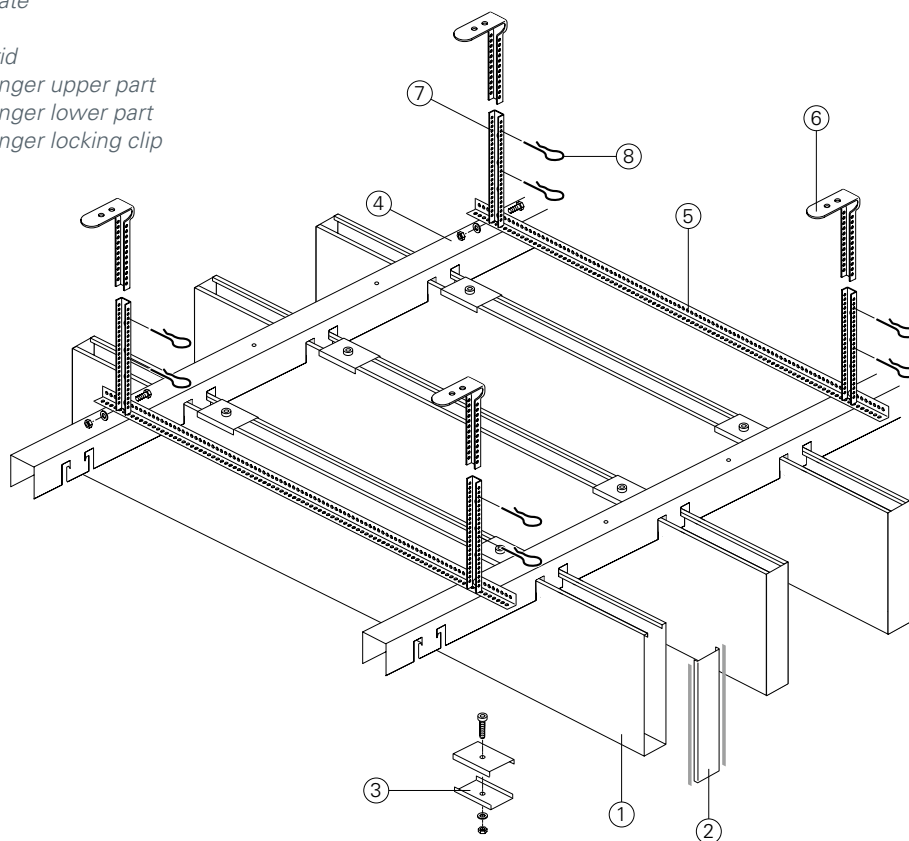
Project: China Wetland Museum, Zhejiang Province, China - Product: Baffles Straight - Architect: Arata Isozaki New Design Room.

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 = 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

PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103	P123	P106	P122	P129
Ø 2.9 mm	Ø 2.4 mm	Ø 2.4 mm	Ø 1.9mm	Ø 2.6 mm
⇄ 5.5 ⇄ 6.35	⇄ 4.33 ⇄ 5	⇄ 5.5 ⇄ 5.5	⇄ 4 ⇄ 4	⇄ 5 ⇄ 5
Openness 20%	Openness 20.9%	Openness 16%	Openness 18%	Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s2,d0 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.4 - 0.5 (H): See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER



Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Shanghai Metro Line 1, China - Product: Baffles Straight - Architect: Shanghai University Academy of Fine Arts



Create relief and rhythm within the ceiling by varying the depth and space between the baffles.

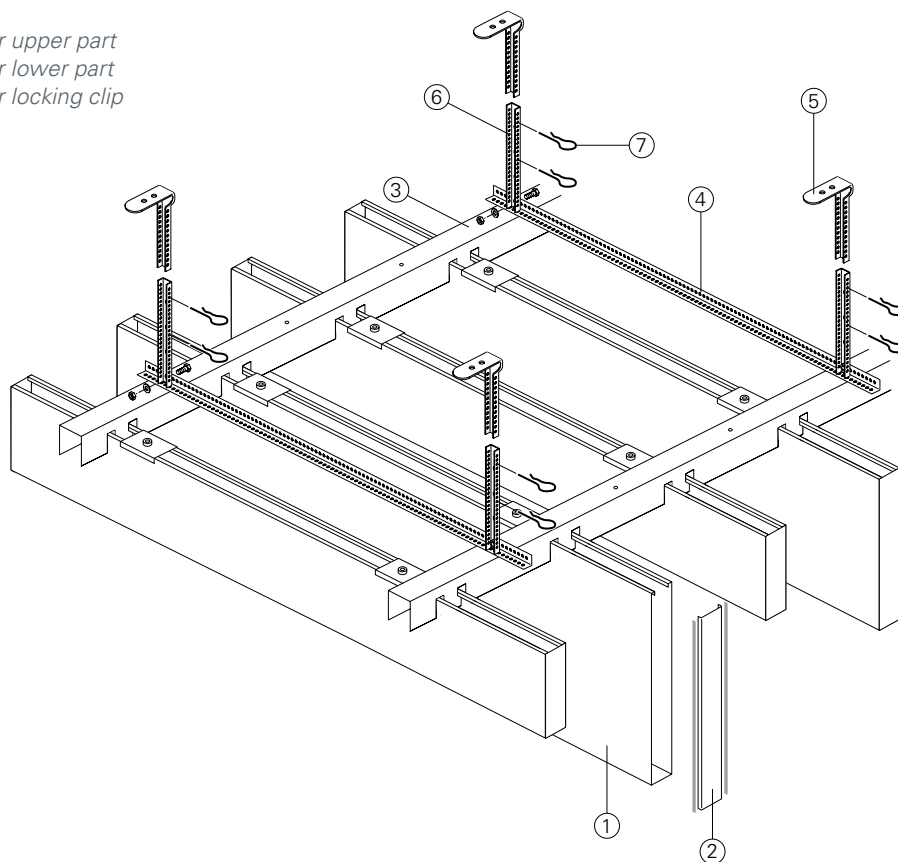
Project: Levels Concept

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 = 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103	P123	P106	P122	P129
Ø 2.9 mm	Ø 2.4 mm	Ø 2.4 mm	Ø 1.9mm	Ø 2.6 mm
⌀ 5.5 ⇄ 6.35	⌀ 4.33 ⇄ 5	⌀ 5.5 ⇄ 5.5	⌀ 4 ⇄ 4	⌀ 5 ⇄ 5
Openness 20%	Openness 20.9%	Openness 16%	Openness 18%	Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s2,d0 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.4 - 0.5 (H): See page 392

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
 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.

STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

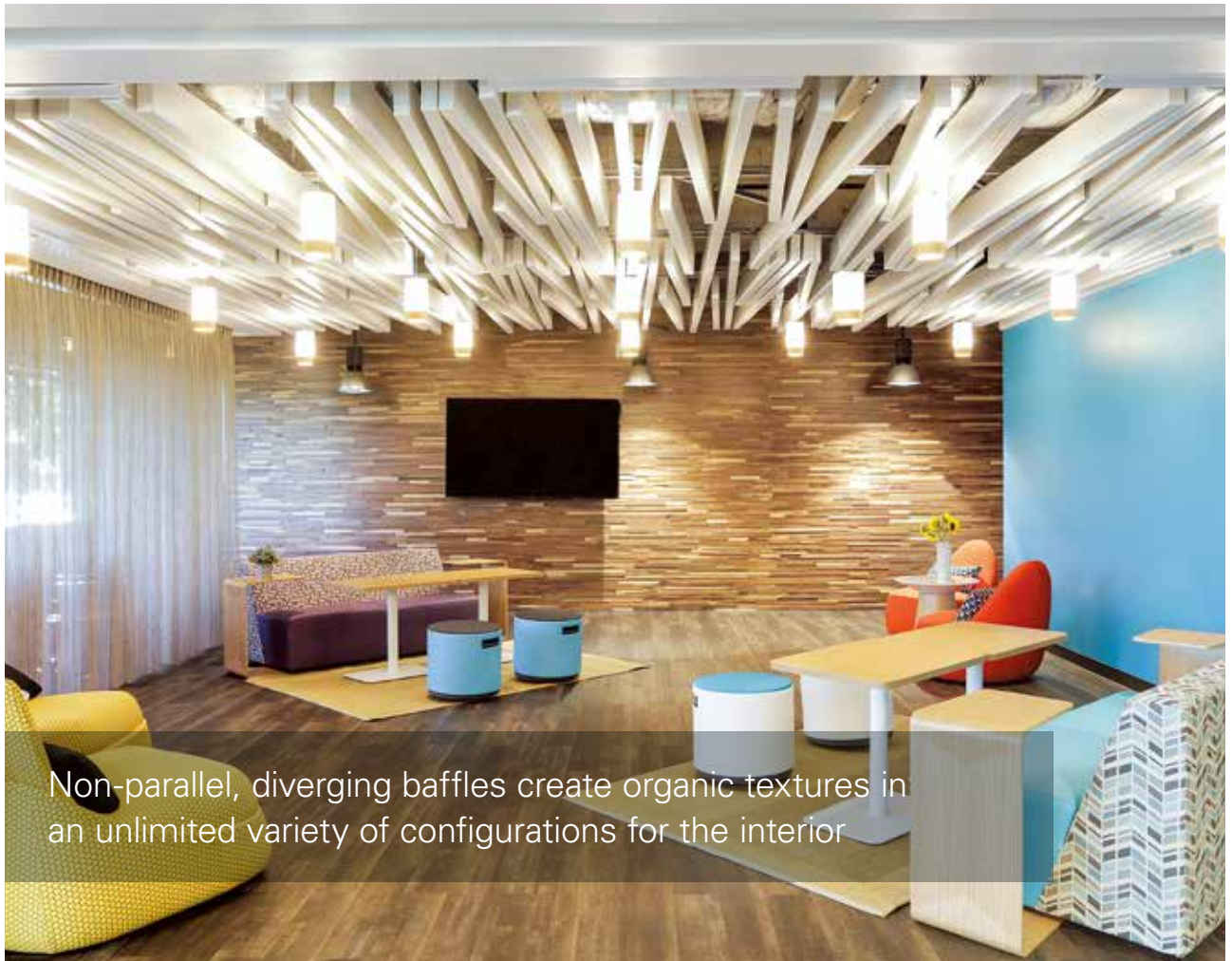


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Bucharest Veranda shopping mall, Bucharest, Romania - Products: Baffles Levels - Architect: Chapman Taylor Studio 10M



Non-parallel, diverging baffles create organic textures in an unlimited variety of configurations for the interior

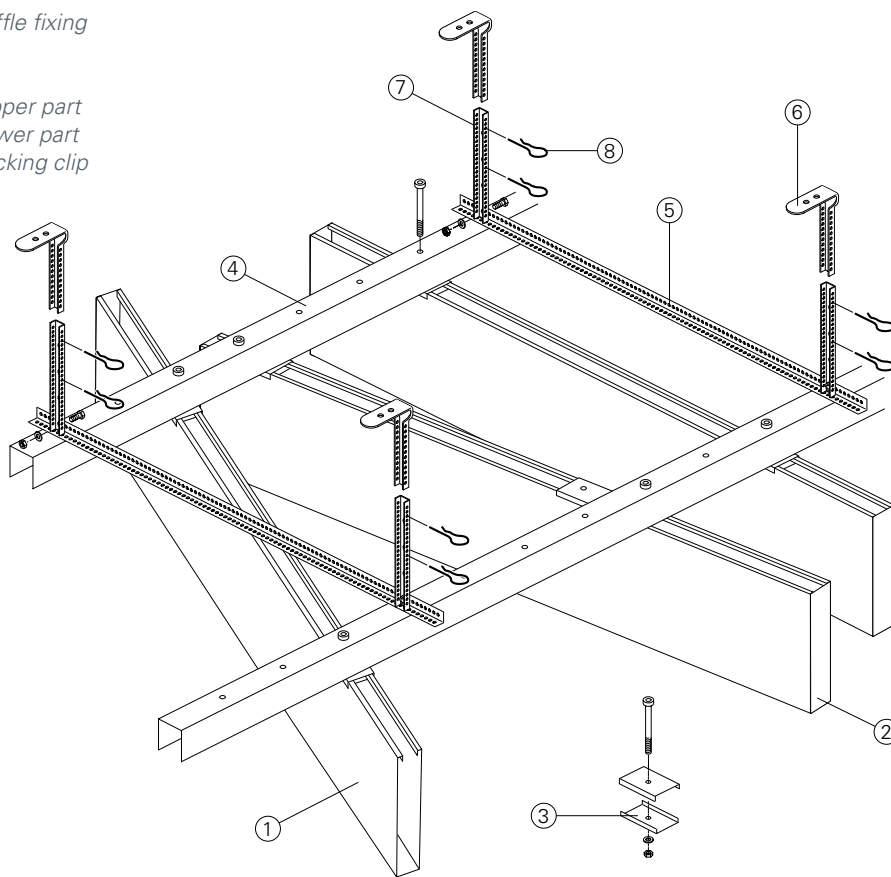
Project: Booking.com, Orlando, FL - Product: Baffles Divergent - Photo credit: MACBETH PHOTO

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 = 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 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.

P103	P123	P106	P122	P129
Ø 2.9 mm	Ø 2.4 mm	Ø 2.4 mm	Ø 1.9mm	Ø 2.6 mm
⇄ 5.5 ⇄ 6.35	⇄ 4.33 ⇄ 5	⇄ 5.5 ⇄ 5.5	⇄ 4 ⇄ 4	⇄ 5 ⇄ 5
Openness 20%	Openness 20.9%	Openness 16%	Openness 18%	Openness 21%

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A2,s2,d0 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies 4.9 - 7.8 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81
Acoustic ratings: α_w 0.4 - 0.5 (H): See page 392

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
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



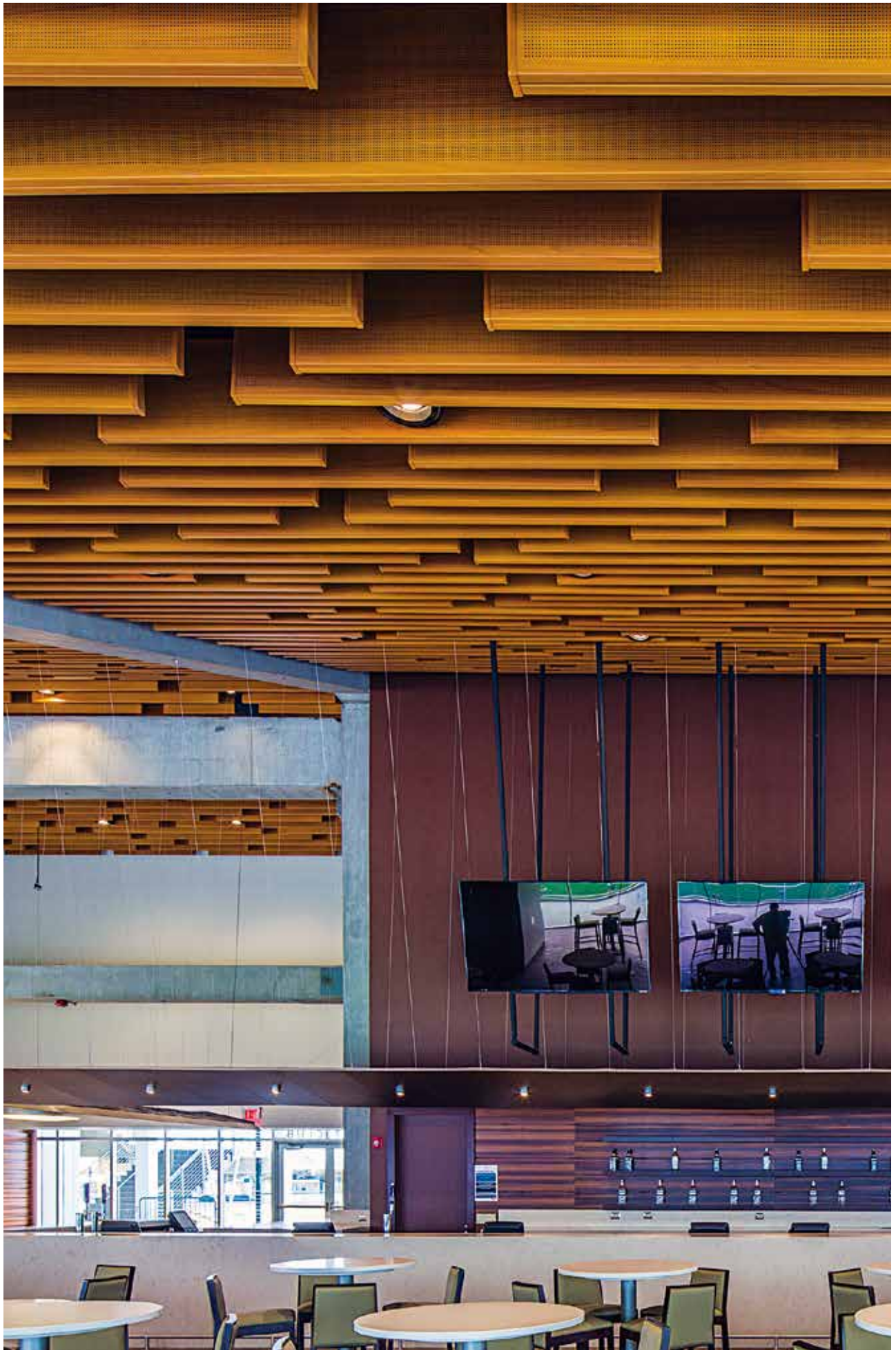
Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

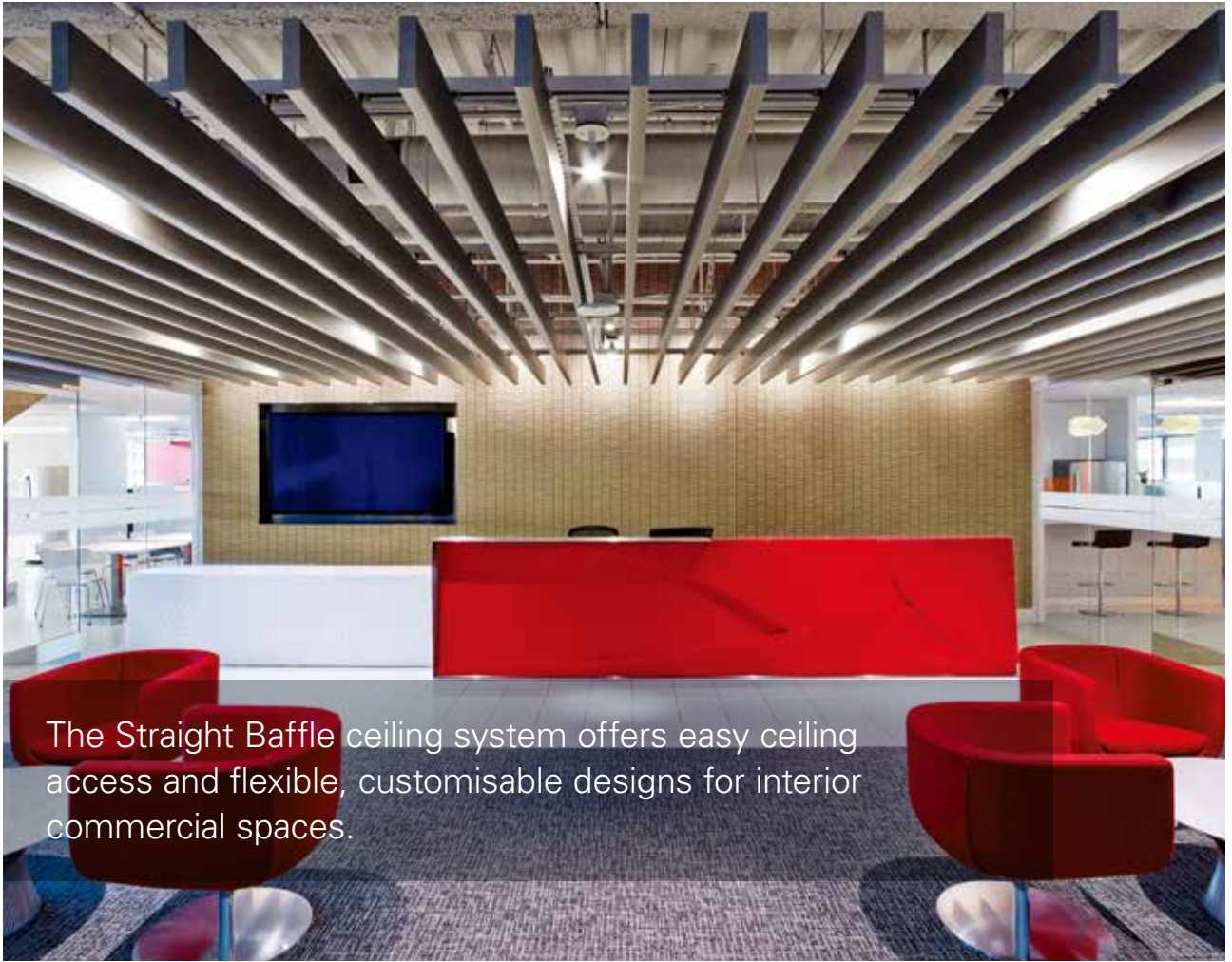


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Citrus Bow, Orlando, FL, USA - Product: Baffles Divergent - Photo credits Bob Perzel



The Straight Baffle ceiling system offers easy ceiling access and flexible, customisable designs for interior commercial spaces.

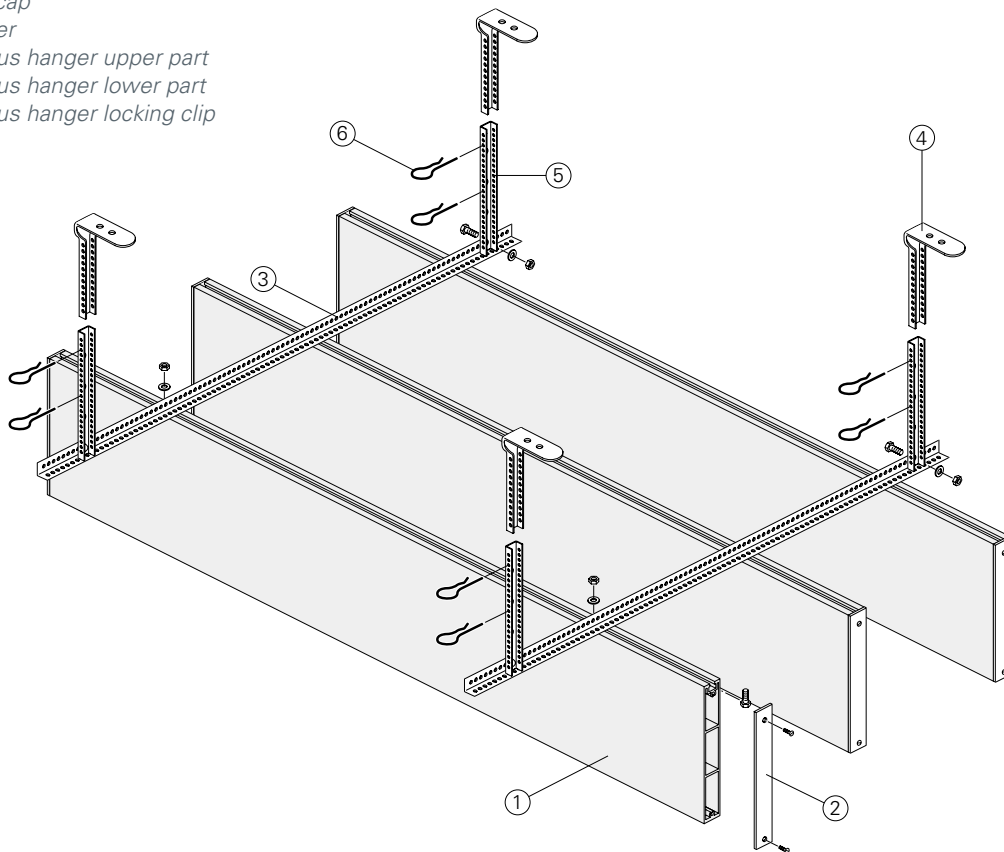
Project: Avery Dennison, Glendale, CA - Product: Baffles Straight

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 = 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
 Class A2 according GB 8624
Weight: Varies 7 - 12.5 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81

LEED V4 CREDITS

MR : Building Product Disclosure
 EQ : Low-Emitting Materials
 EQ : Indoor Air Quality Assessment

CERTIFICATIONS

TAIM QS
 French VOC Regulation: Class A
 EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

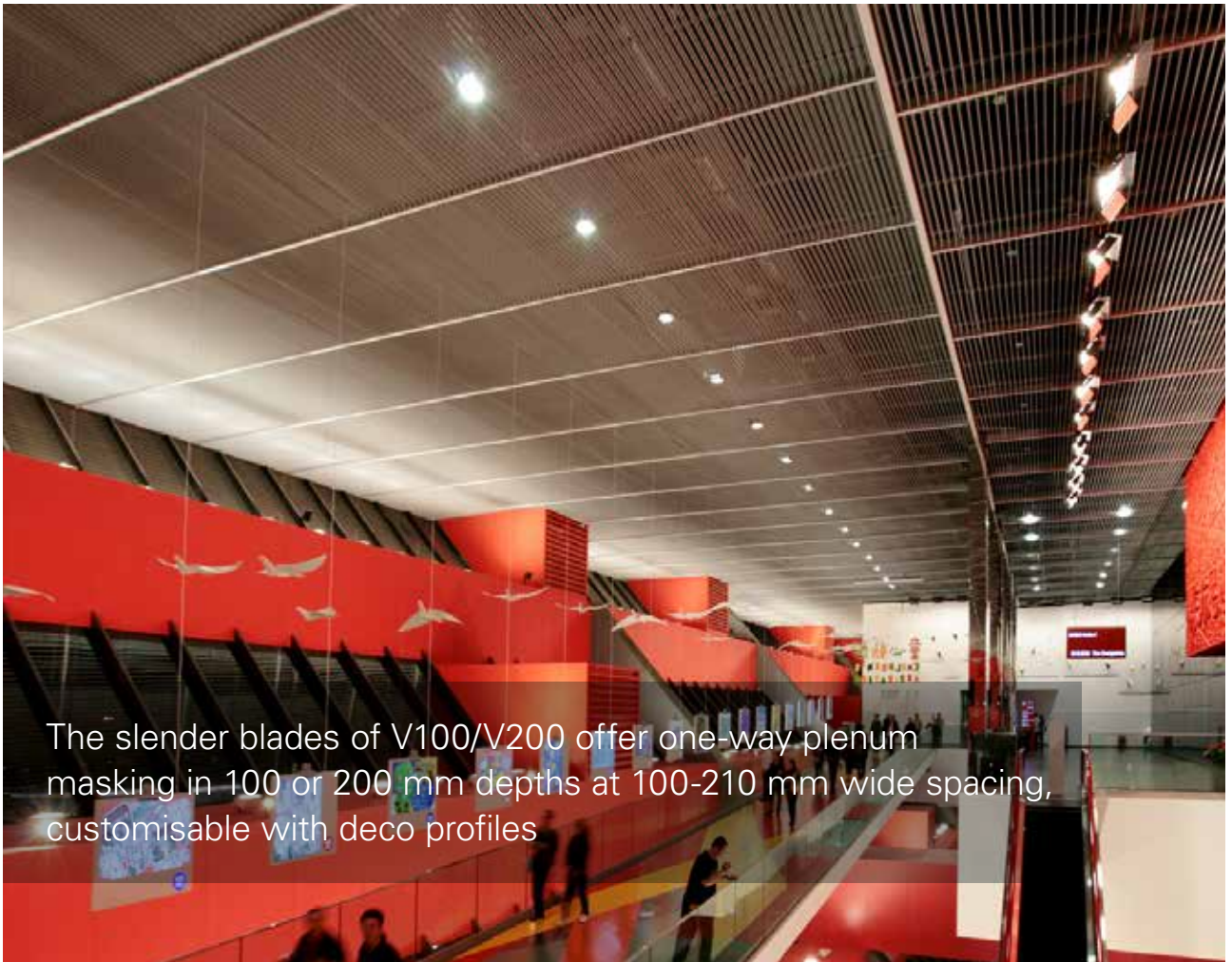


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Ikea, Roncadelle, Italy - Product: Baffles 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

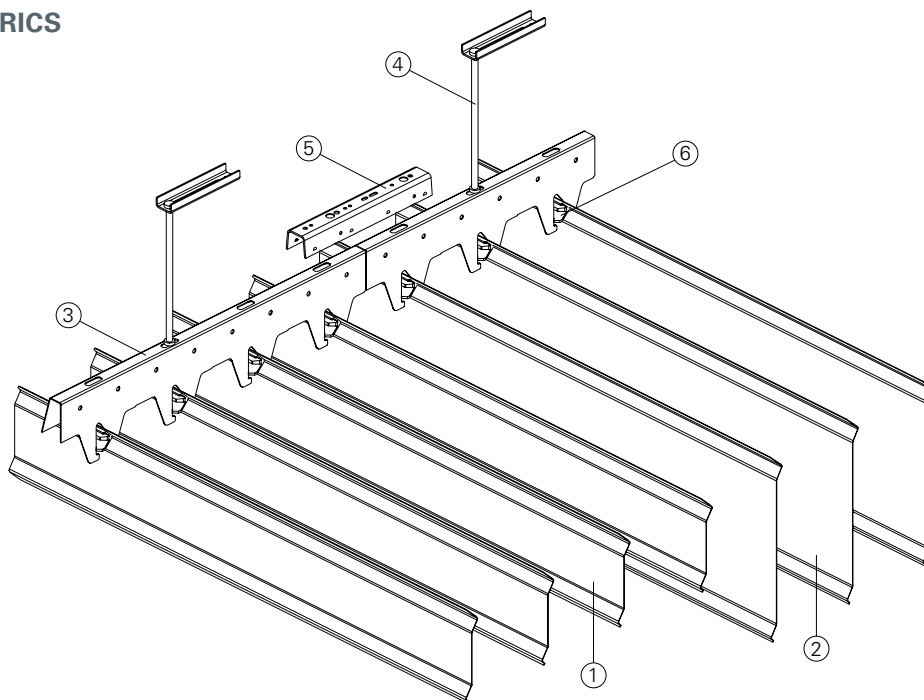
Project: China Pavilion at Shanghai World Expo, China - Product: Baffles V100/V200 (Screens) - Architect: China Pavilion Joint Design Team

KEY FEATURES

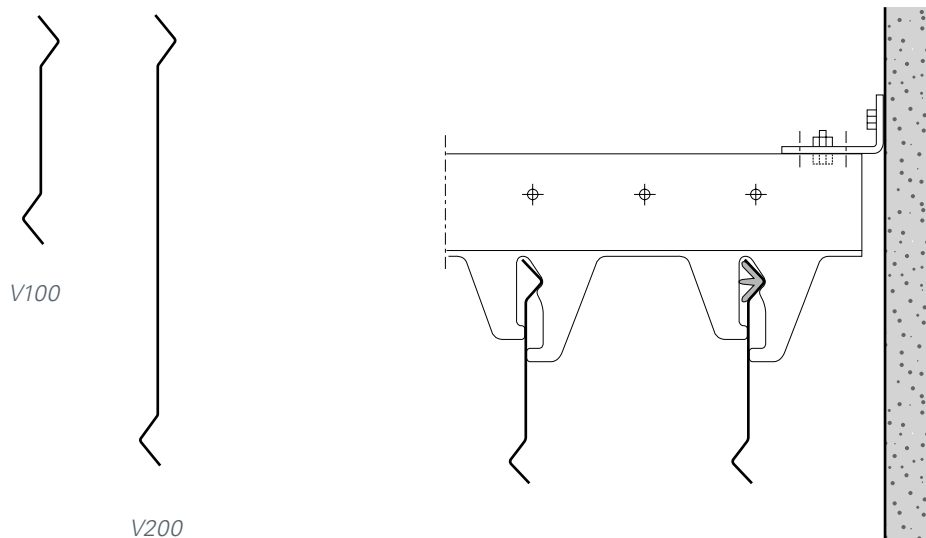
- Panel length: 800 mm up to 6000 mm
- Panel heights: 100 mm (V100); 200 mm (V200)
- Sliding carriers can be used for repeated plenum access areas
- Also available in exterior application (V100 only)
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load 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

TYPICAL ISOMETRICS

- 1 = V100 panel
- 2 = V200 panel
- 3 = carrier
- 4 = hanger
- 5 = carrier splice
- 6 = panel fixing clip



TYPICAL SECTIONS



PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 according EN 13501-1
Class A2 according GB 8624
- Weight: varies ca 1.1 kg/m² - 3.9 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - RAL9010: LR = 0.81

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+
- 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.

STANDARD PAINT COLOURS



0181
RAL 9003

0280
RAL 9010

1883
RAL 9011

7163
RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin
50107
Woodgrain

Bamboo Skin
50108
Woodgrain

Bamboo Skin
50159
Woodgrain

Bamboo Skin
50163
Woodgrain

Bamboo Skin
50170
Woodgrain

Zebra Wood
50202
Woodgrain

Pear Wood
50203
Woodgrain

Pear Wood
50207
Woodgrain

(For more wood grain finishes, see page 388.)

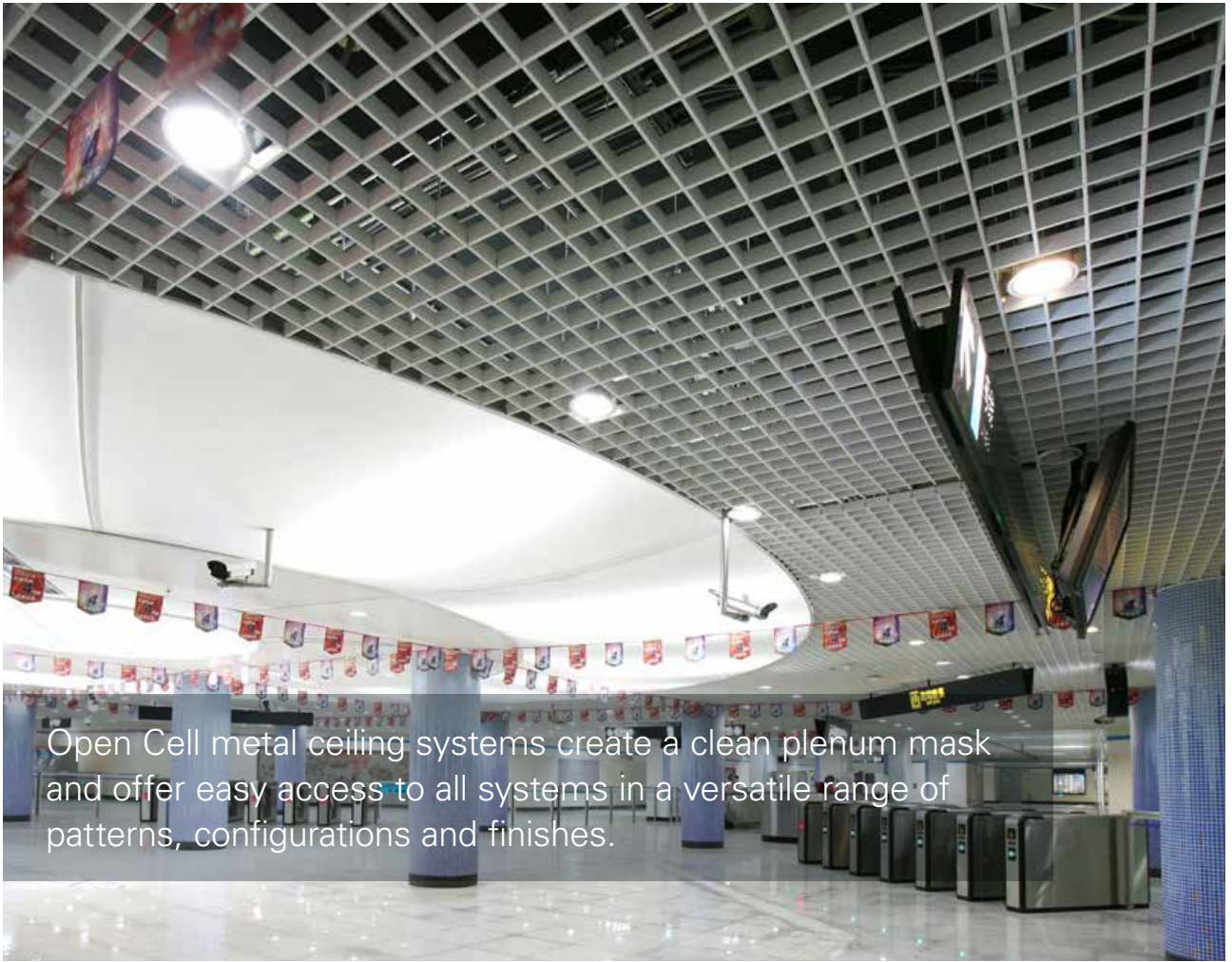


Project: Shanghai Metro Line 6, China - Products: Baffles V100/V200 (Screens)
Architect: Shanghai Tunnel Engineering Rail Transit Design and Research Institute



Project: Bucharest Veranda shopping mall, Bucharest, Romania - Products: Baffles V100/V200 (Screens) - 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.

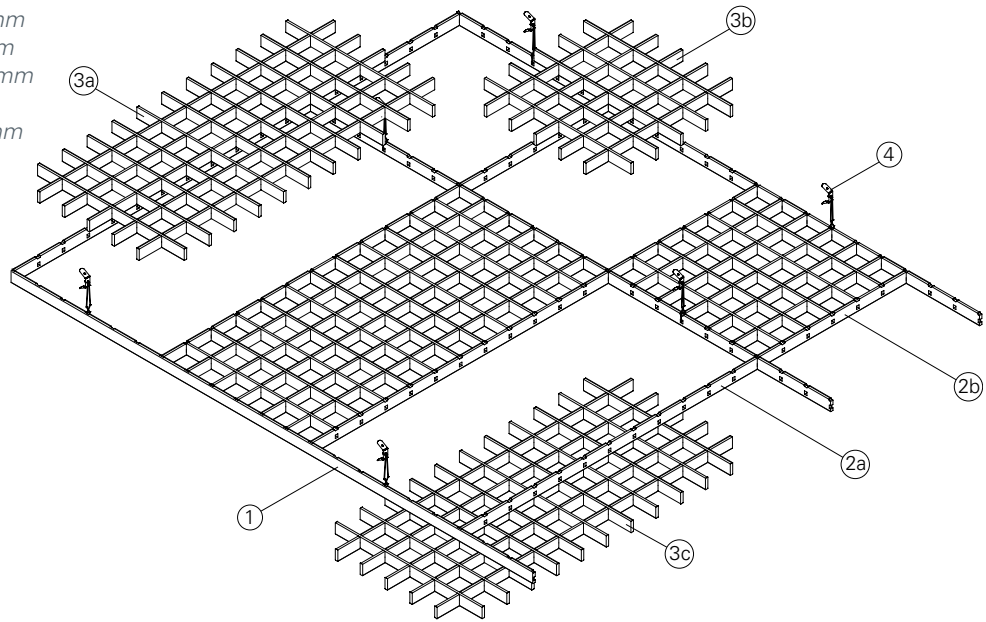
*Project: Shanghai Rail Transit Line 8, Shanghai, China - Product: Cell 22/50/50E
Architect: Shanghai Tunnel Engineering Rail Transit Design and Research Institute*

KEY FEATURES

- Tile dimensions 600 x 600 mm and 600 x 1200 mm
- Profile heights: 22 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

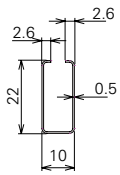
TYPICAL ISOMETRICS

- 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

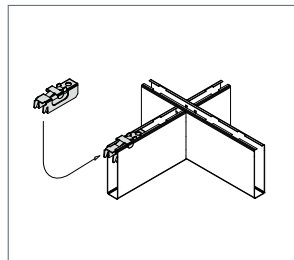


Example Cell22

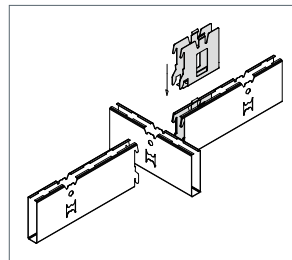
TYPICAL SECTIONS



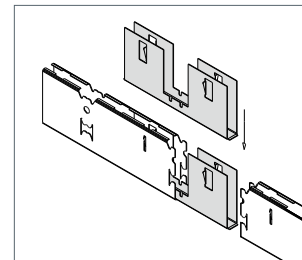
Cell22



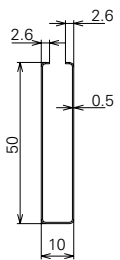
Sliding clip



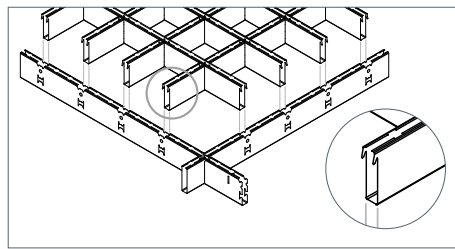
Adaptor bracket



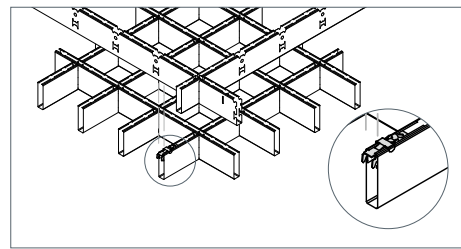
Main runner splice



Cell50 +50E



Pre-notched hooks (all around)



Clean-cut ends + sliding clips (4/tile)

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
Class A2 according GB 8624
- Weight: Varies 2.0 - 5.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

LEED V4 CREDITS

- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment

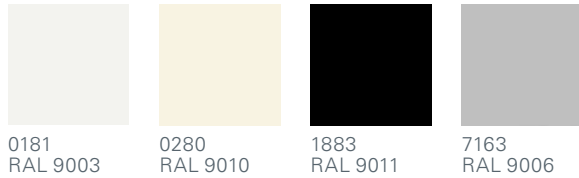
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Ccertified
- French VOC Regulation: Class A+
- EPD: Available upon request

COLOURS AND FINISHES

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STANDARD PAINT COLOURS (CELL22)

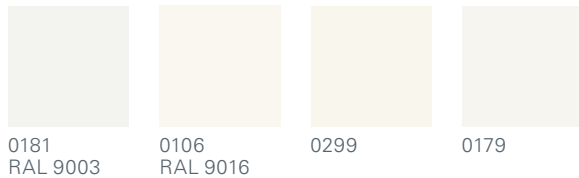


STANDARD PAINT COLOURS (CELL50E)



STANDARD PAINT COLOURS (CELL50)

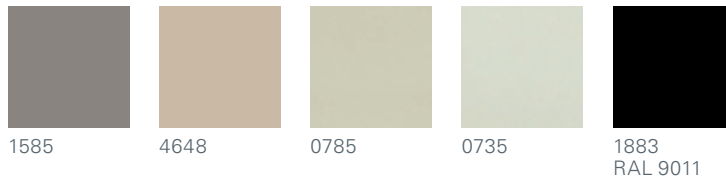
COOL WHITES



CUSTOM COLOURS



NATURE TONES



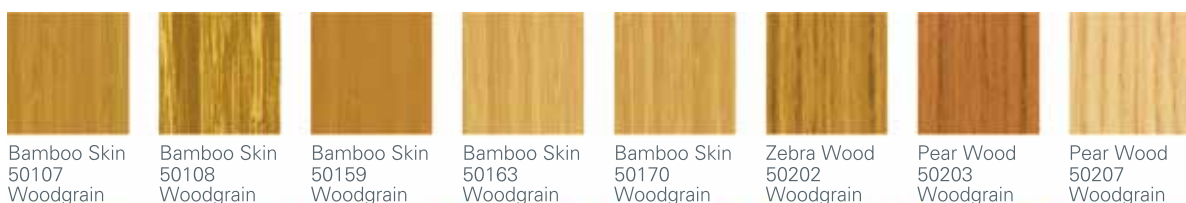
WARM WHITES



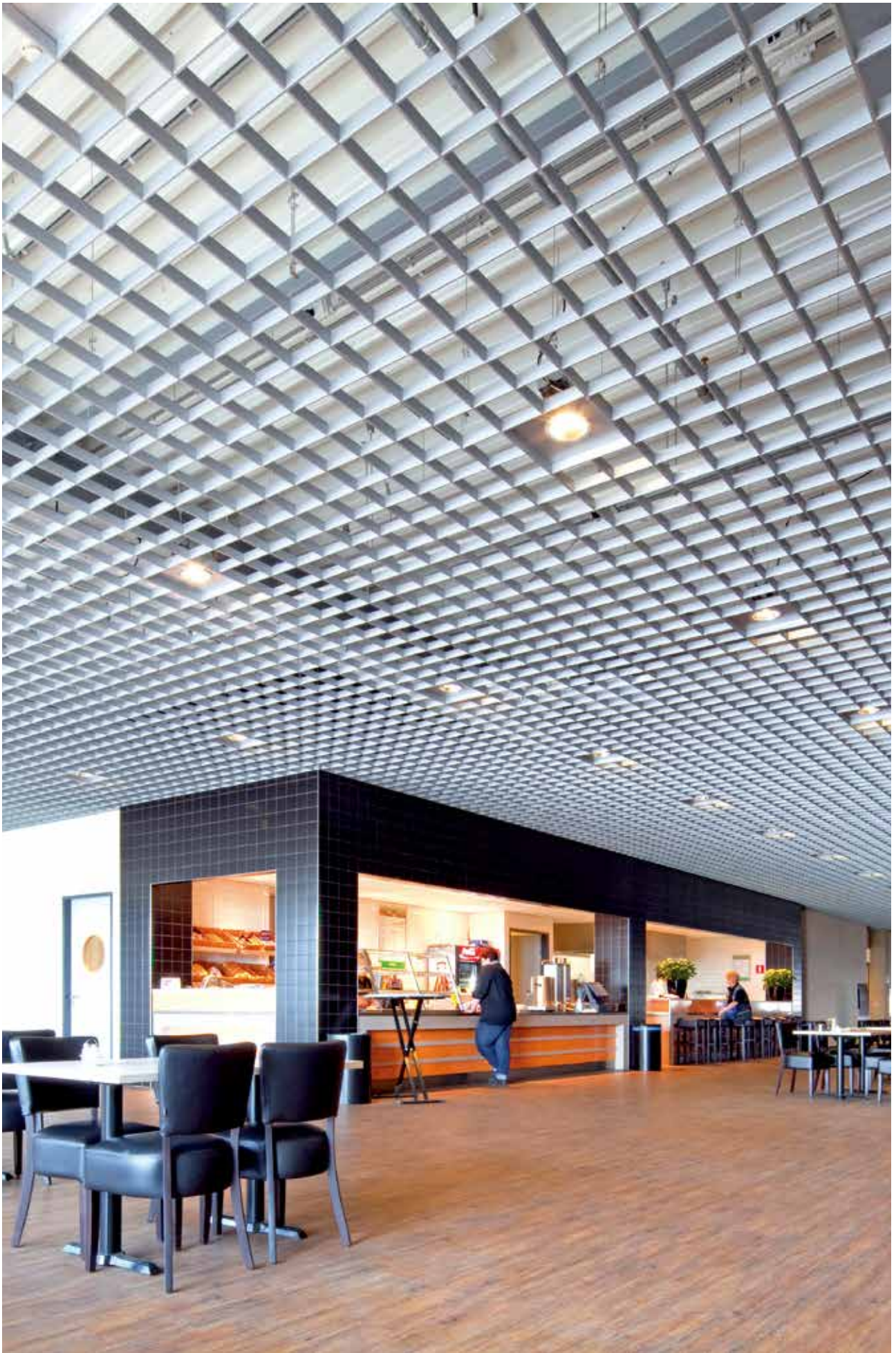
METALS



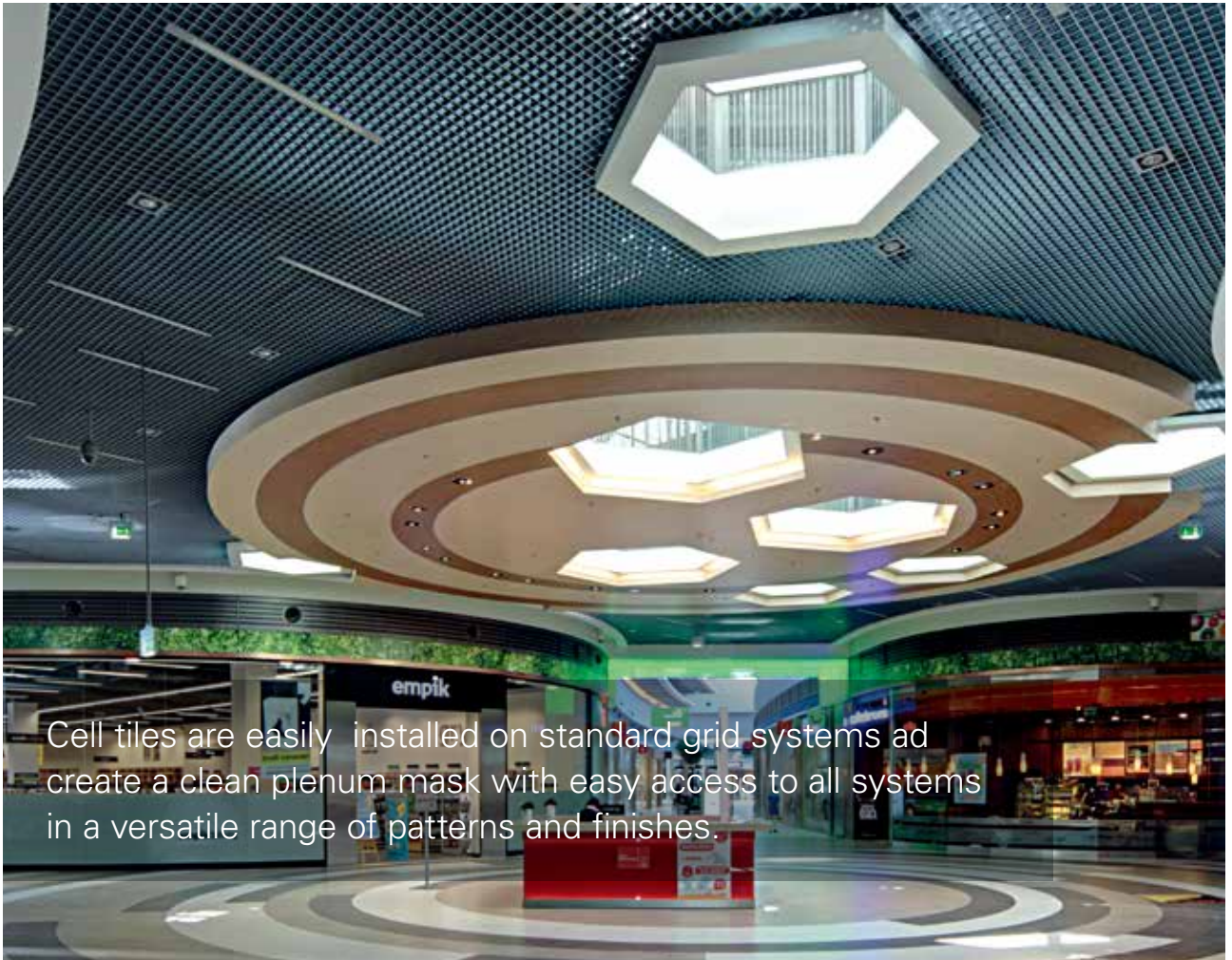
POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



(For more wood grain finishes, see page 388.)



Project: Plantion Afmijnzaal, Ede, the Netherlands - Product: Cell 22/50/50E - Architect: Breddels 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.

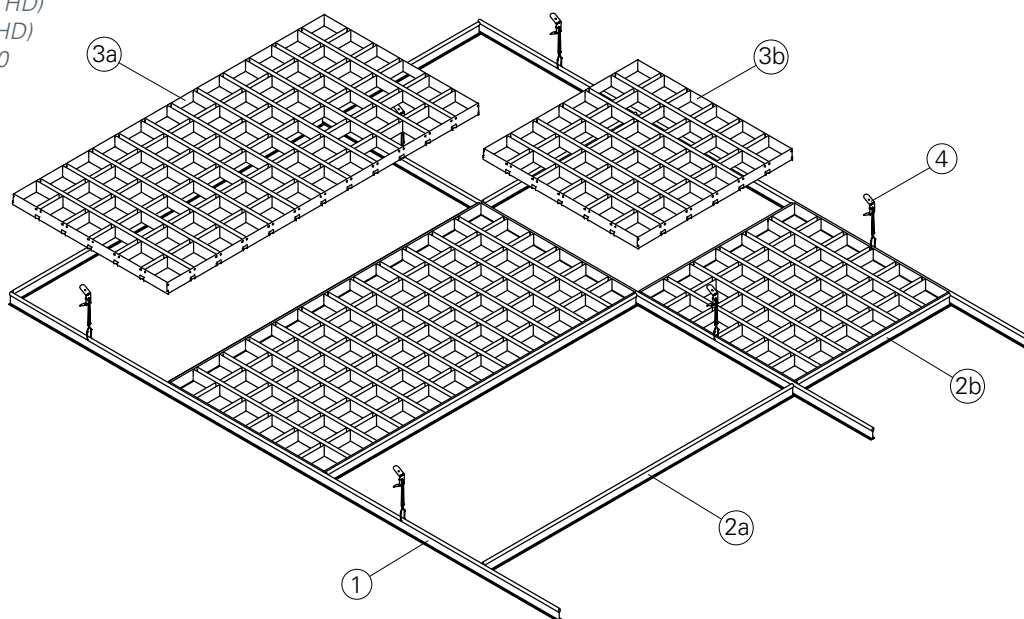
Project: Port Łódź shopping mall, Łódź, Poland - Product: Cell Tiles (T15) - Architect: NCA

KEY FEATURES

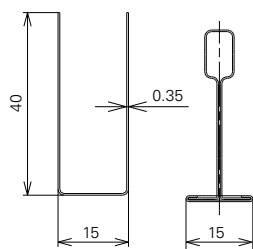
- Tile dimensions 600 x 600 mm and 600 x 1200 mm
- Profile heights: 40 mm
- Profile width 15 mm
- Standard modules 50, 60, 75, 86, 100, 120, 150 and 200 mm
- Other dimensions and modules available on request
- Bi-directional plenum mask
- Fits seamlessly in butted standard T15 grid
- On site waste reduction 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

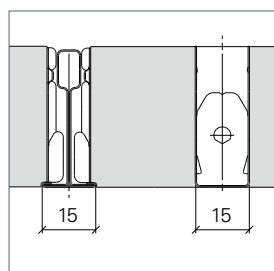
- 1 = Main T-profile 3600 (non HD)
- 2a = Cross T 1200 (non HD)
- 2b = Cross T 600 (non HD)
- 3a = Cell tile 1200 x 600
- 3b = Cell tile 600 x 600
- 4 = Cell hanger



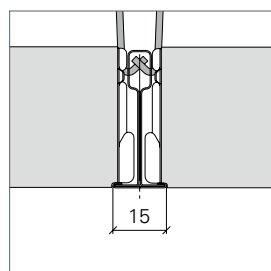
TYPICAL SECTIONS



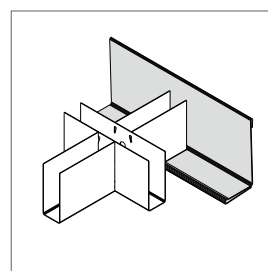
CellT15



T-profiles flush with tiles



Cell hanger suspension



Edge trimming with L-profile

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
Class A2 according GB 8624
- Weight: Varies 2.0 - 5.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

LEED V4 CREDITS

- MR : Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment

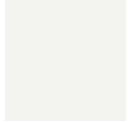
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- EPD: Available upon request

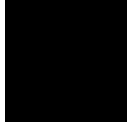
COLOURS AND FINISHES

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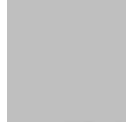
STANDARD PAINT COLOURS



0181
RAL 9003



1883
RAL 9011



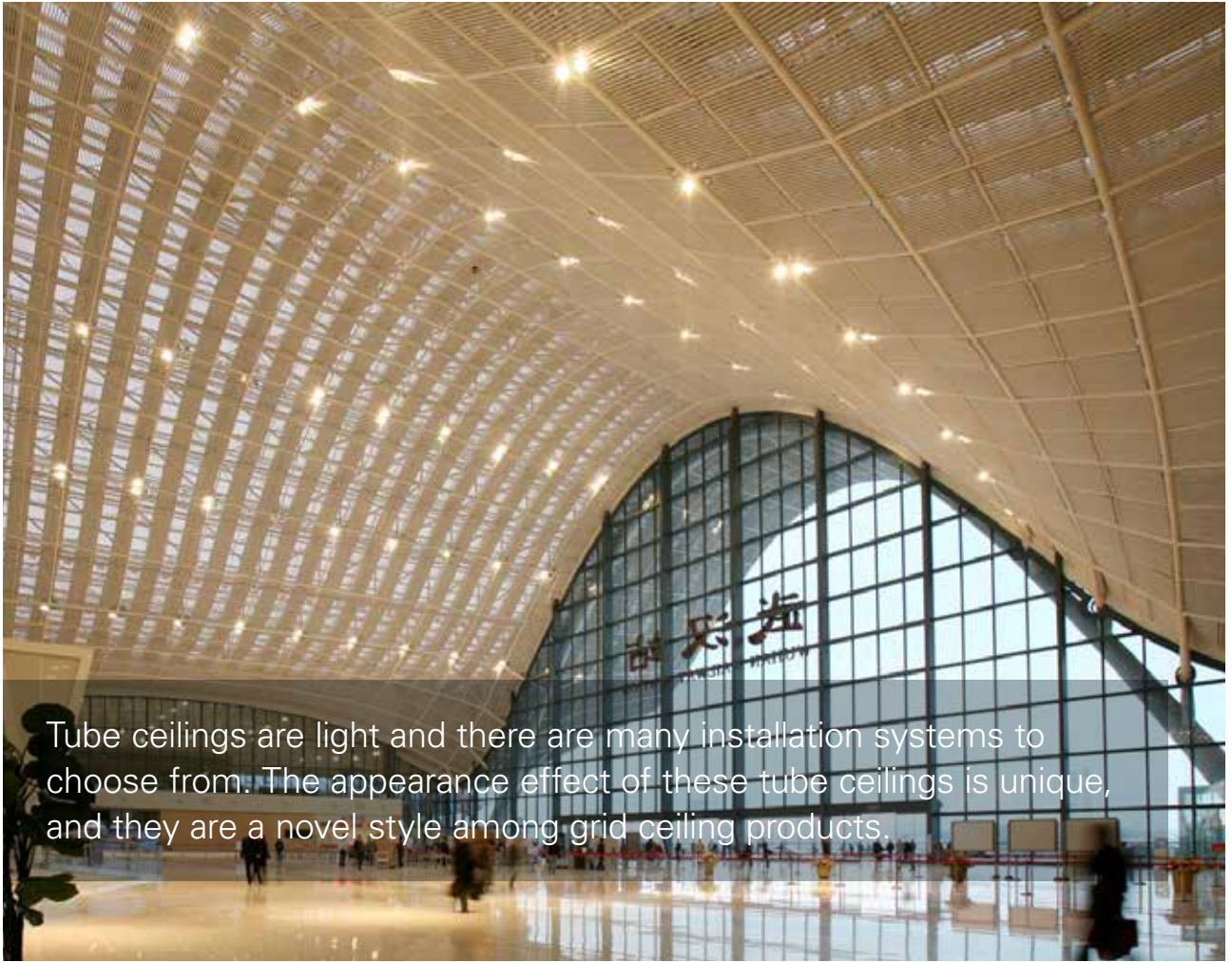
7163
RAL 9006

CUSTOM COLOURS





Project: Port Łódź shopping mall, Łódź, Poland - Product: Cell Tiles (T15) - Architect: NCA



Tube ceilings are light and there are many installation systems to choose from. The appearance effect of these tube ceilings is unique, and they are a novel style among grid ceiling products.

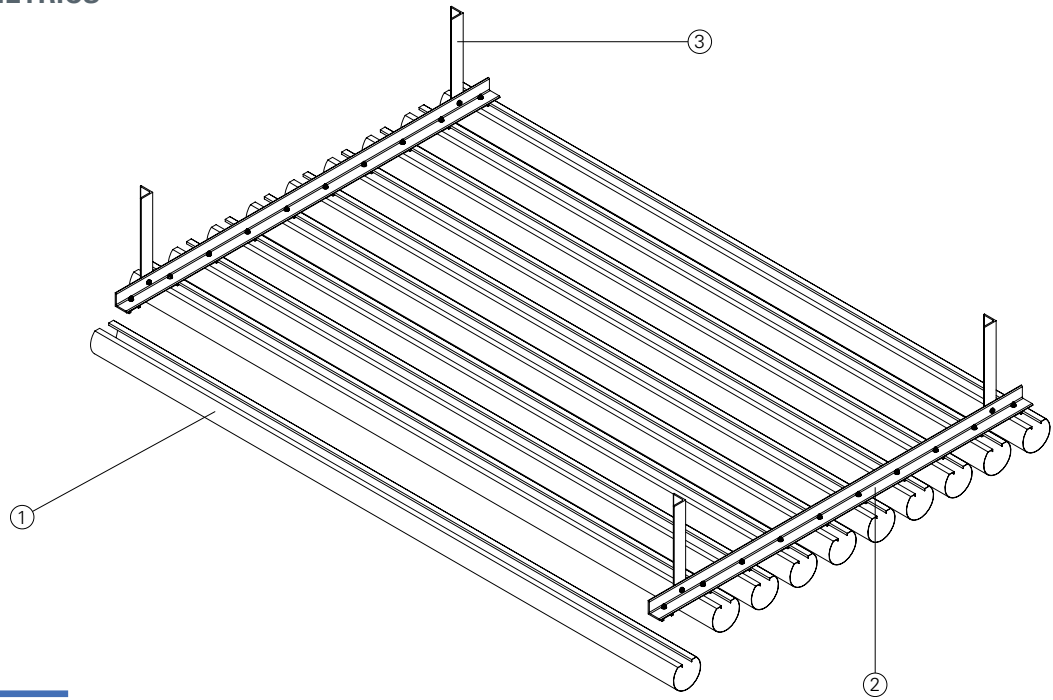
Project: Wuhan Railway Station, China - Product: Tube Ceiling - Architect: AREP, China Railway Fourth Survey and Design Institute

KEY FEATURES

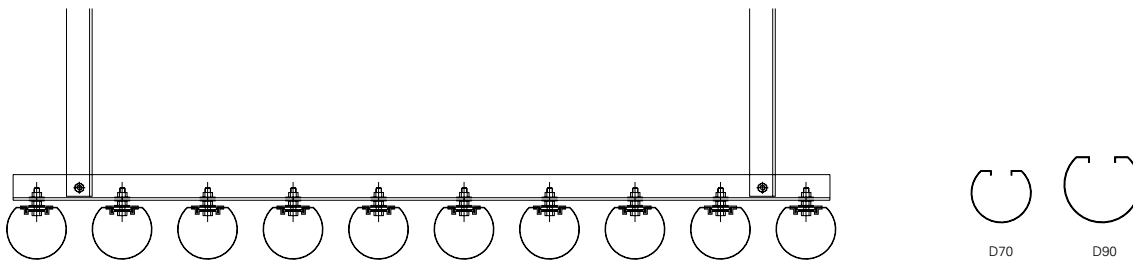
- High-grade coil coated aluminum alloy material has been used
- The colours are rich and the material is durable
- Tube of different diameters can give ceilings a layered feel
- Tube can be perforated to absorb sounds
- There are many installation systems to choose from, and various forms such as flat, curved and radial can be achieved
- Easily integrated with facilities such as lighting, air ducts, air conditioning and sprinklers
- They provide convenience for the maintenance of facilities installed above

TYPICAL ISOMETRICS

- 1 = Round tube
- 2 = Carrier
- 3 = Suspension

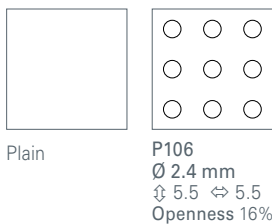


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
Class A2 according GB 8624
- Weight: Varies 2.0 - 5.5 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

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+
- 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.

STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

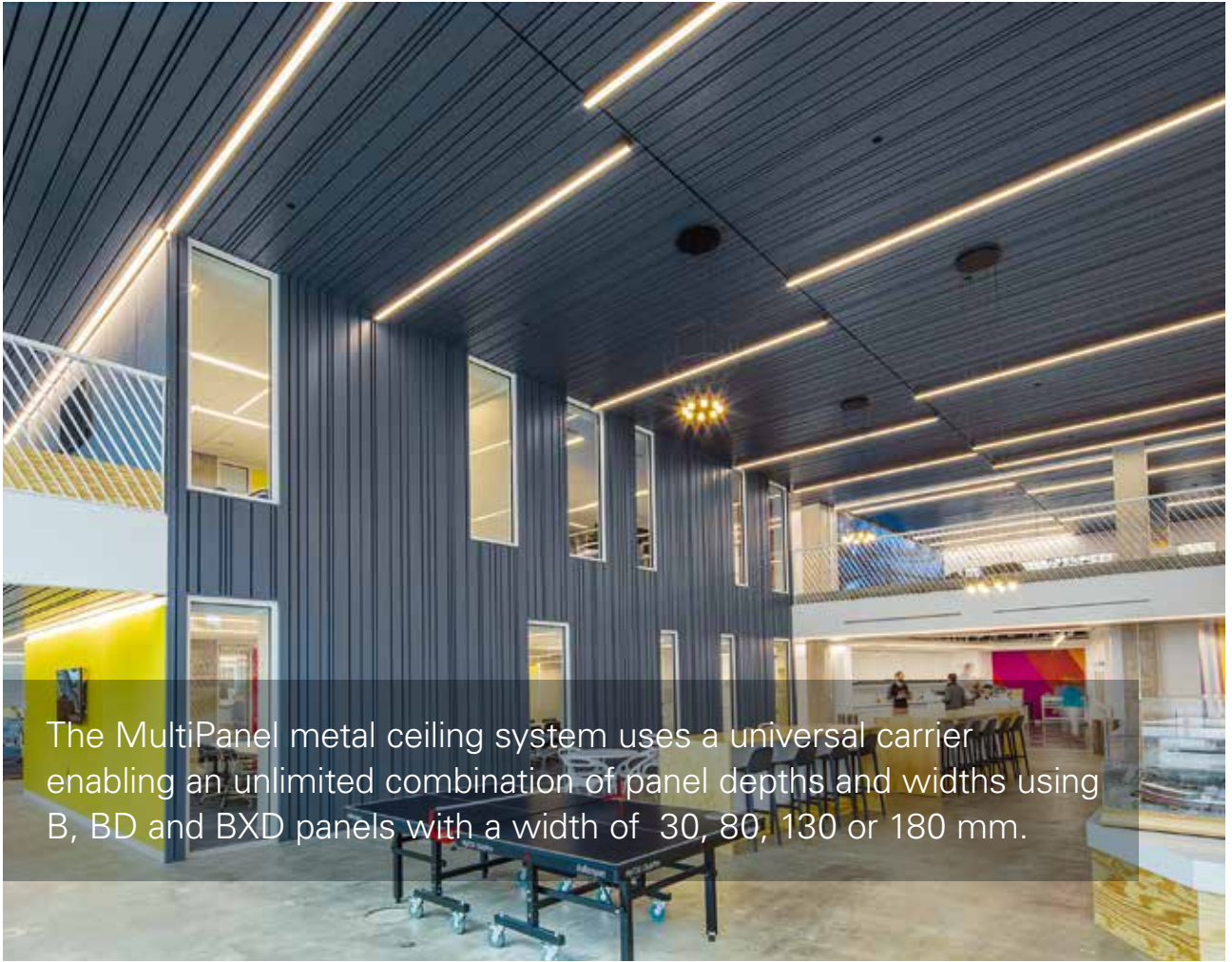


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Chengdu Metro Xibo Station, China - Product: Tube Ceiling



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.

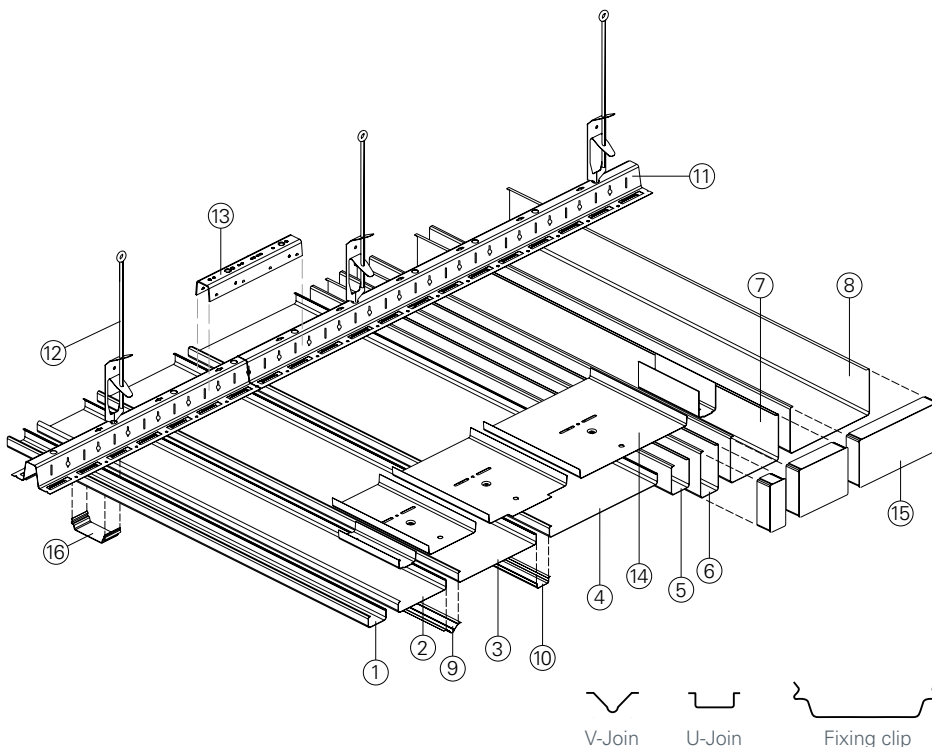
Project: Populous Office, Kansas City, MO Product: Linear MultiPanel - Photo credit: Bob Perzel

KEY FEATURES

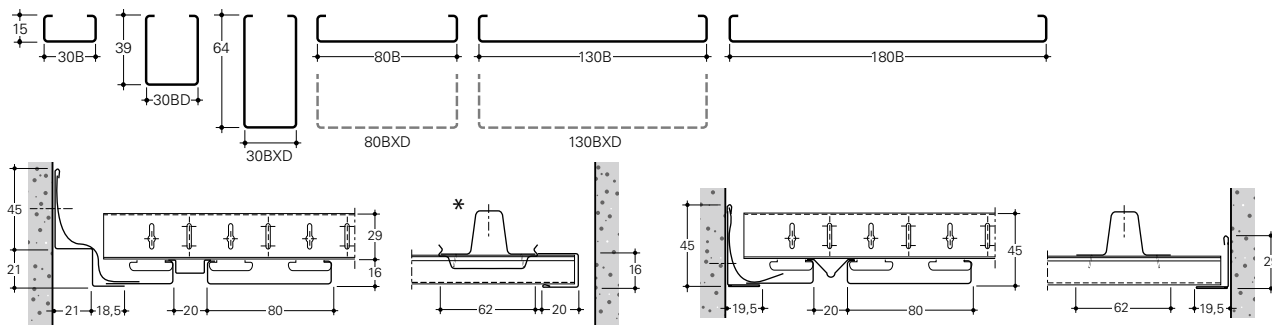
- Panel widths: 30 mm, 80 mm, 130 mm and 180 mm, joint width 20 mm
- Panel length: 800 mm up to 6000 mm
- Panel depths:
 - 15 mm (30B, 80B, 130B, 180B)
 - 39 mm (30BD)
 - 64 mm (30BXD, 80BXD, 130BXD)
- Square edge design
- Perforated version with non-woven for acoustic control
- Curved carrier application 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

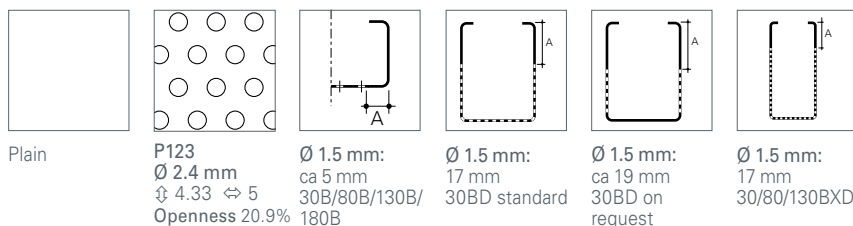


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
 Class A2 according GB 8624
Weight: Varies ca 1.9 kg/m² - 5.1 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 392

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

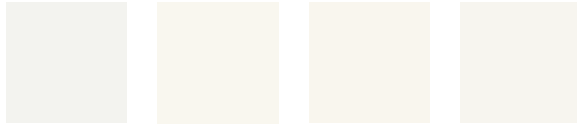
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM QS
- French VOC Regulation: Class A+
- 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

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

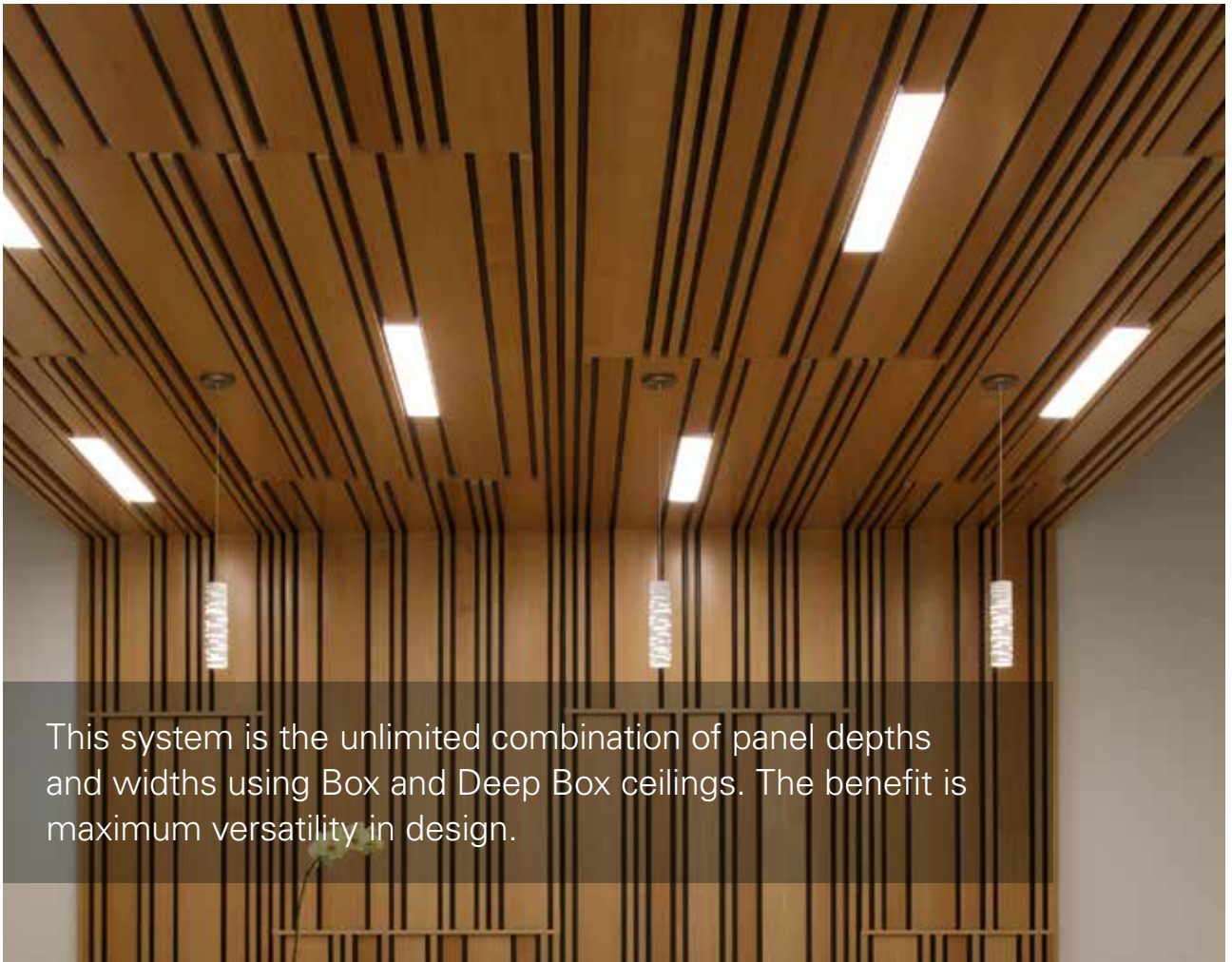


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Leaseplan Branch Office, Milano, Italy - Product: Linear MultiPanel - Architect: Studio PCMR



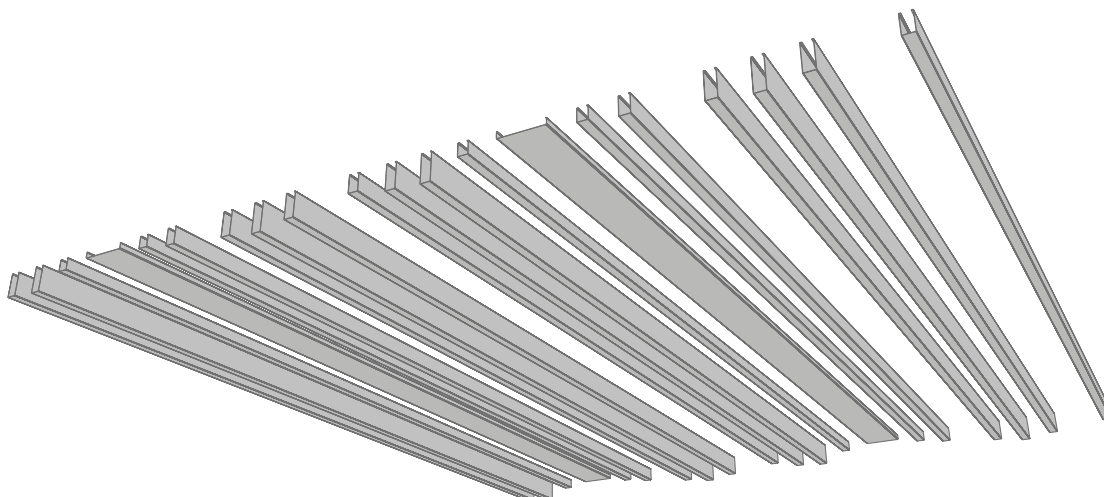
This system is the unlimited combination of panel depths and widths using Box and Deep Box ceilings. The benefit is maximum versatility in design.

Project: Talend, Redwood City, CA, United States - Product: Linear BXU + CCA - Architect: Weske Karr Design Group

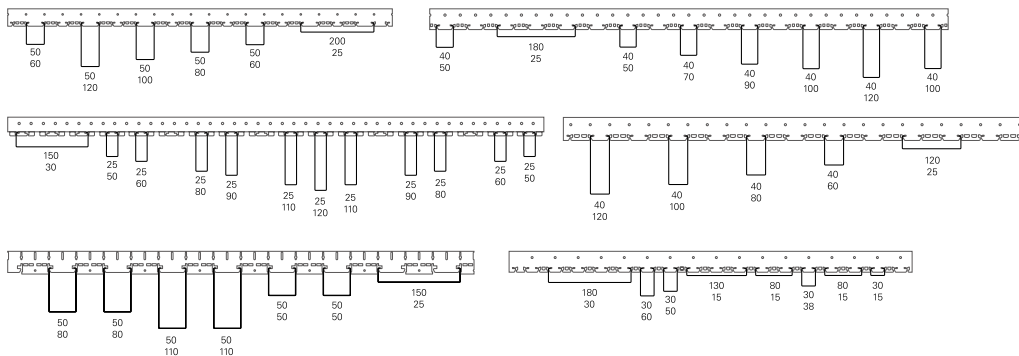
KEY FEATURES

- Square-edge design
- Curved carrier application available
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety and security services
- High recycled aluminum content

TYPICAL ISOMETRICS

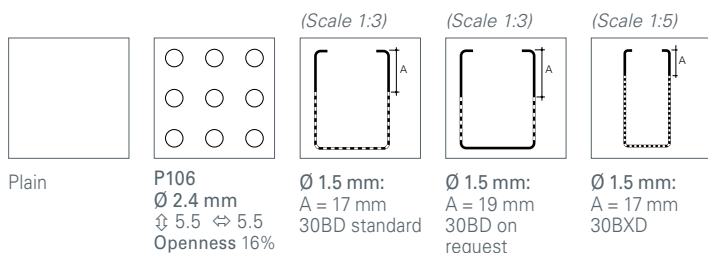


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
 Class A2 according GB 8624
Weight: Varies ca 3.7 kg/m² - 5.1 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
Acoustic ratings: α_w 0.55 - 0.75: See page 392

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+
 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.

STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



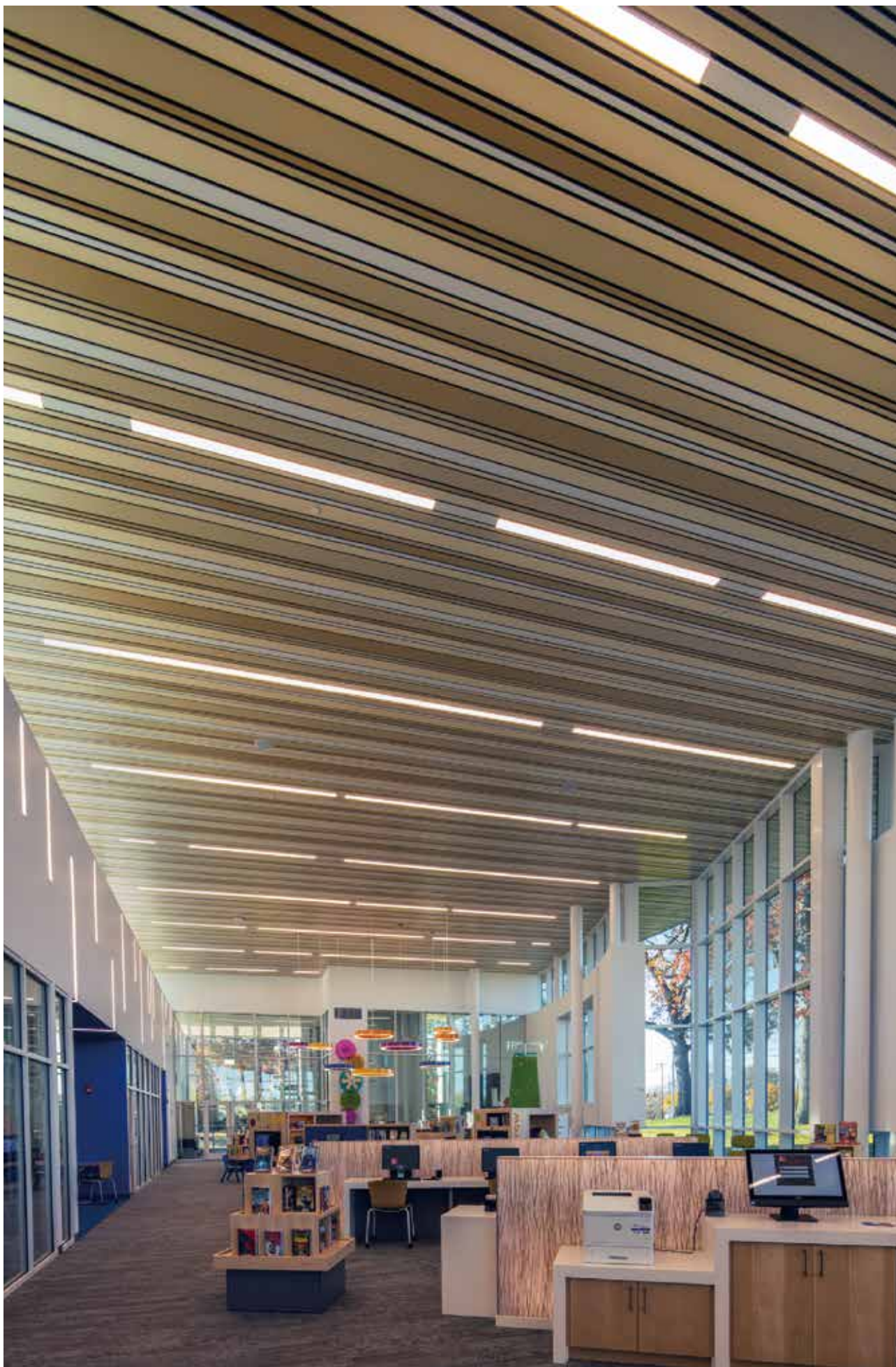
Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

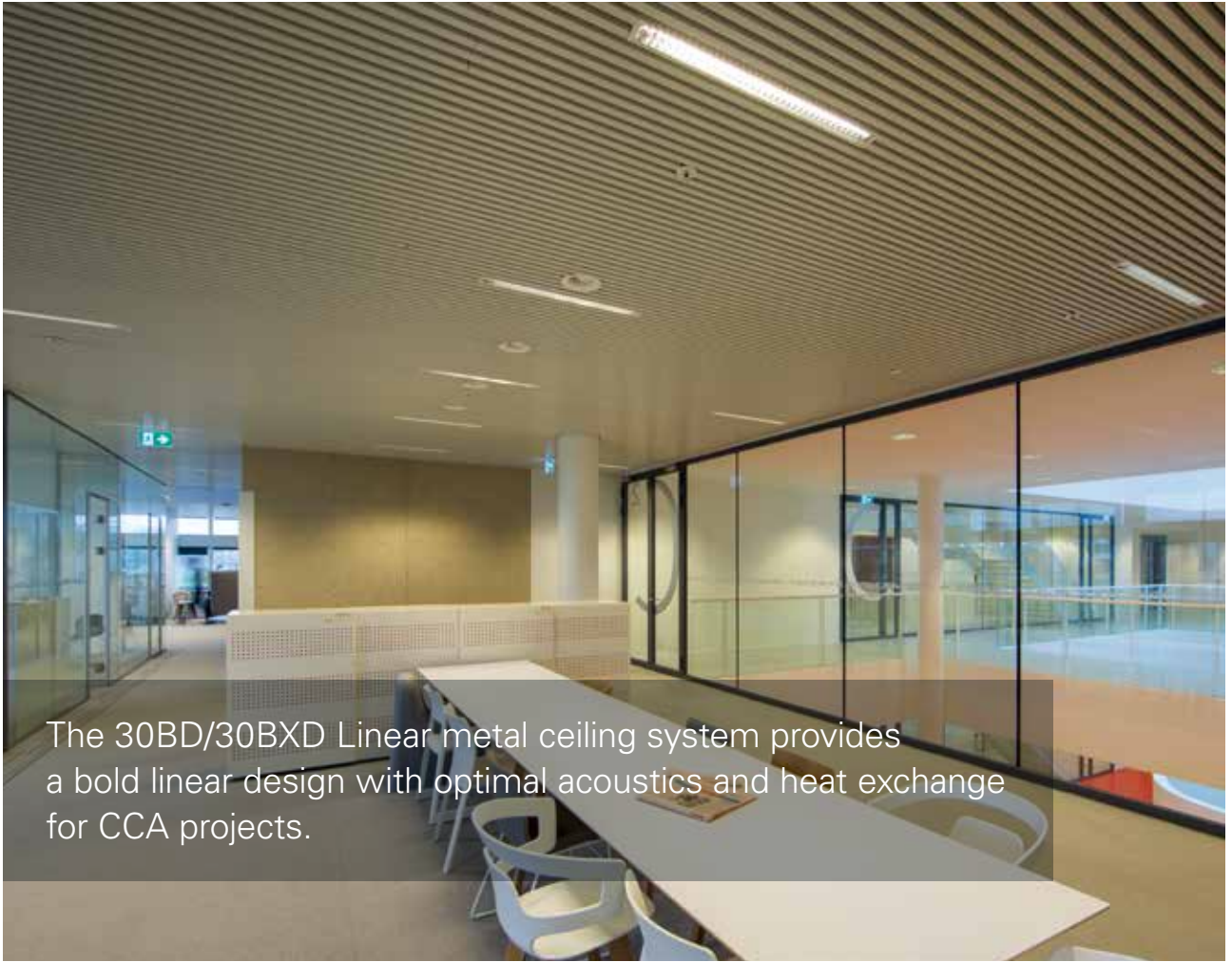


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: King Road Branch Library, Ohio, United States - Product: Linear 30BD/30BXD + CCA - Architect: HBM Architects



The 30BD/30BXD Linear metal ceiling system provides a bold linear design with optimal acoustics and heat exchange for CCA projects.

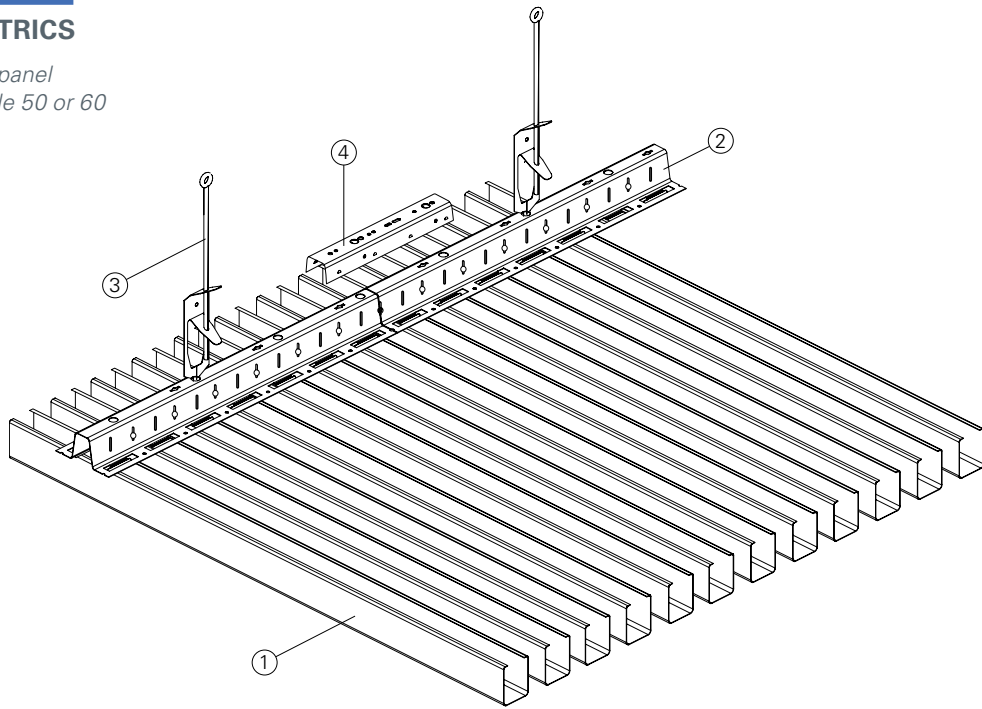
Project: DSM Ahead, Geleen, the Netherlands - Product: Linear 30BD/30BXD + CCA - Architect: Broekbakema, Rotterdam

KEY FEATURES

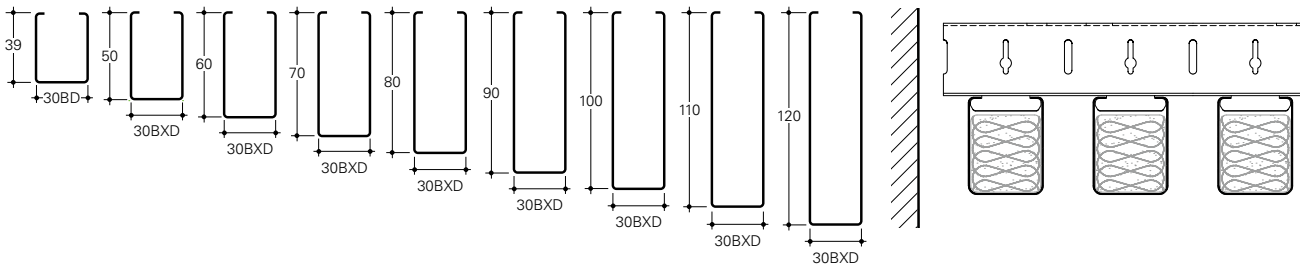
- Panel widths: 30 mm, joint width 20 mm (standard) or 30 mm (CCA)
- Panel length: 800 mm up to 6000 mm
- Panel depths: 39 mm (30BD) and 64 mm (30BXD)
- Carrier modules: 50 mm (standard) and 60 mm for enhanced heat exchange in CCA application
- Square edge design
- Perforated version with non-woven for 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

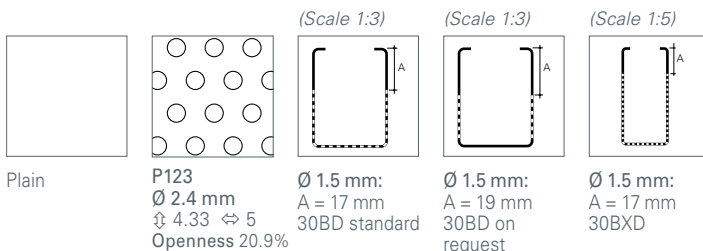


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
 Class A2 according GB 8624
- Weight:** Varies ca 3.7 kg/m² - 5.1 kg/m²
- Light reflectance (LR) Coefficient:**
 - Varies with finish
 - HD0280: LR = 0.81
- Acoustic ratings:** α_w 0.55 - 0.75: See page 392

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+
- 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 (30BD only)

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



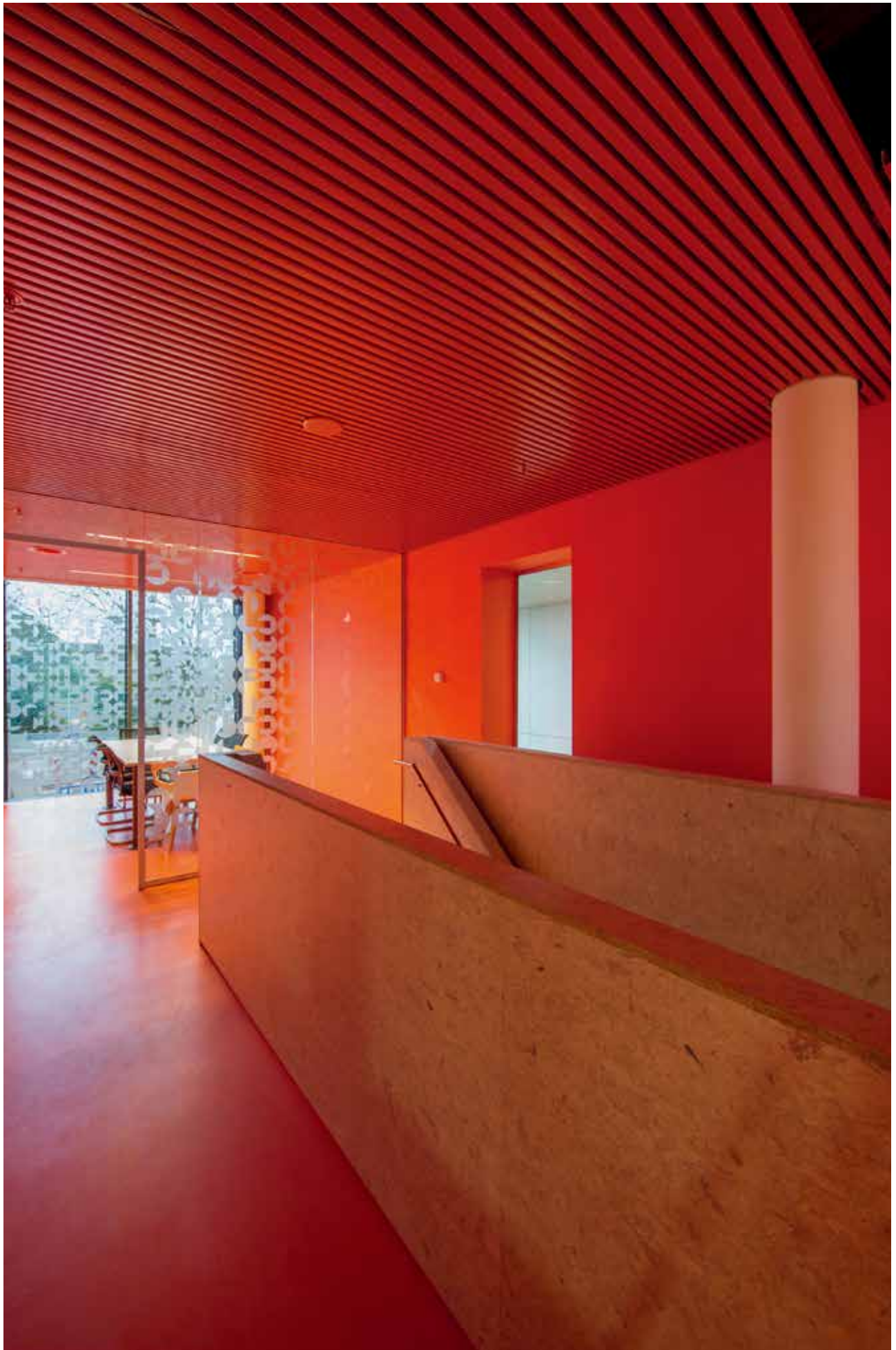
Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER



Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



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

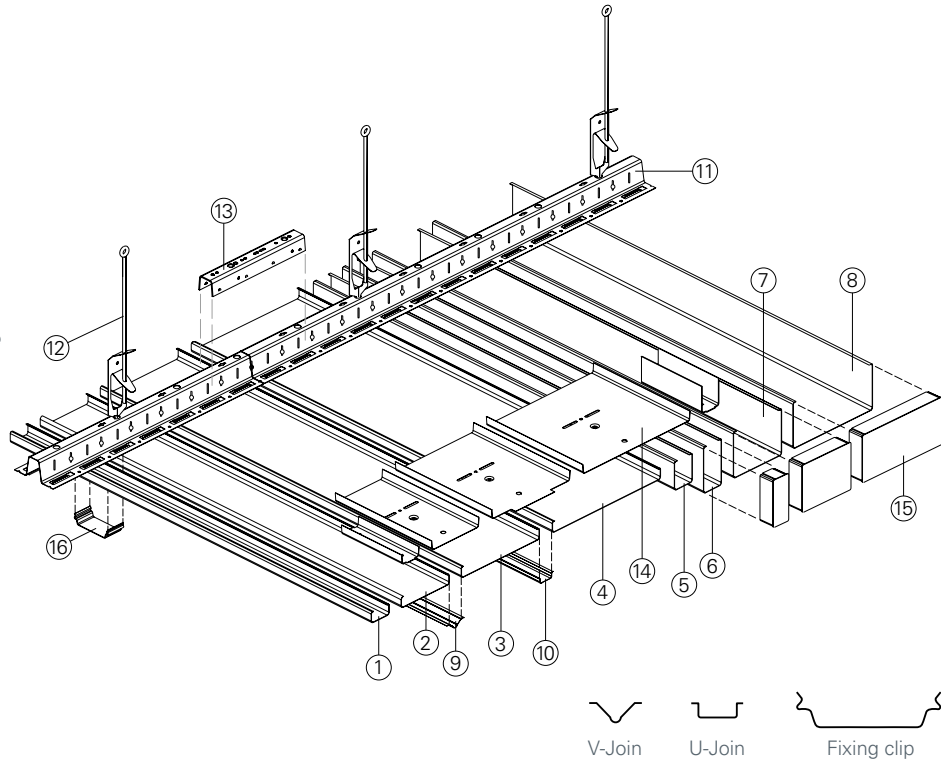
Project: Chisinau airport, Republic of Moldavia - Product: Linear 80BXD/130BXD - Architect: Vladimir Pinzaru (Arhform)

KEY FEATURES

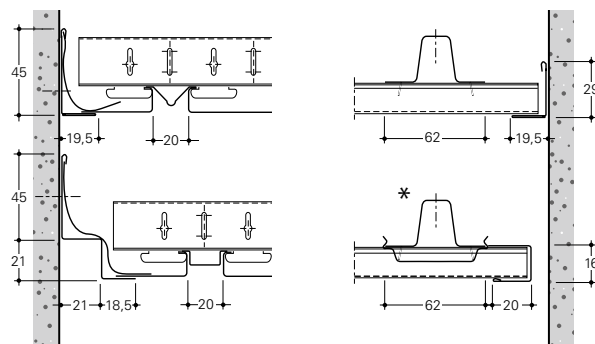
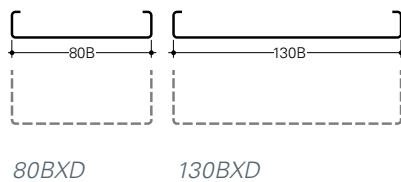
- Panel widths: 80 mm and 130 mm, joint width 20 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 64 mm
- Square edge design
- Perforated version with non-woven for acoustic control
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

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

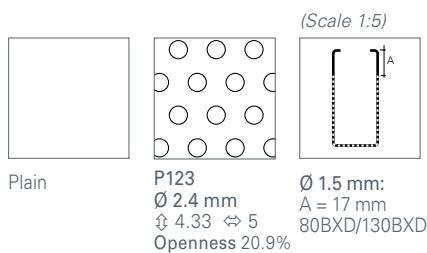


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
 Class A2 according GB 8624
Weight: Varies ca 3.3 kg/m² - 3.9 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
Acoustic rating : α_w 0.75: See page 392

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+
 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 (30BD only)

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

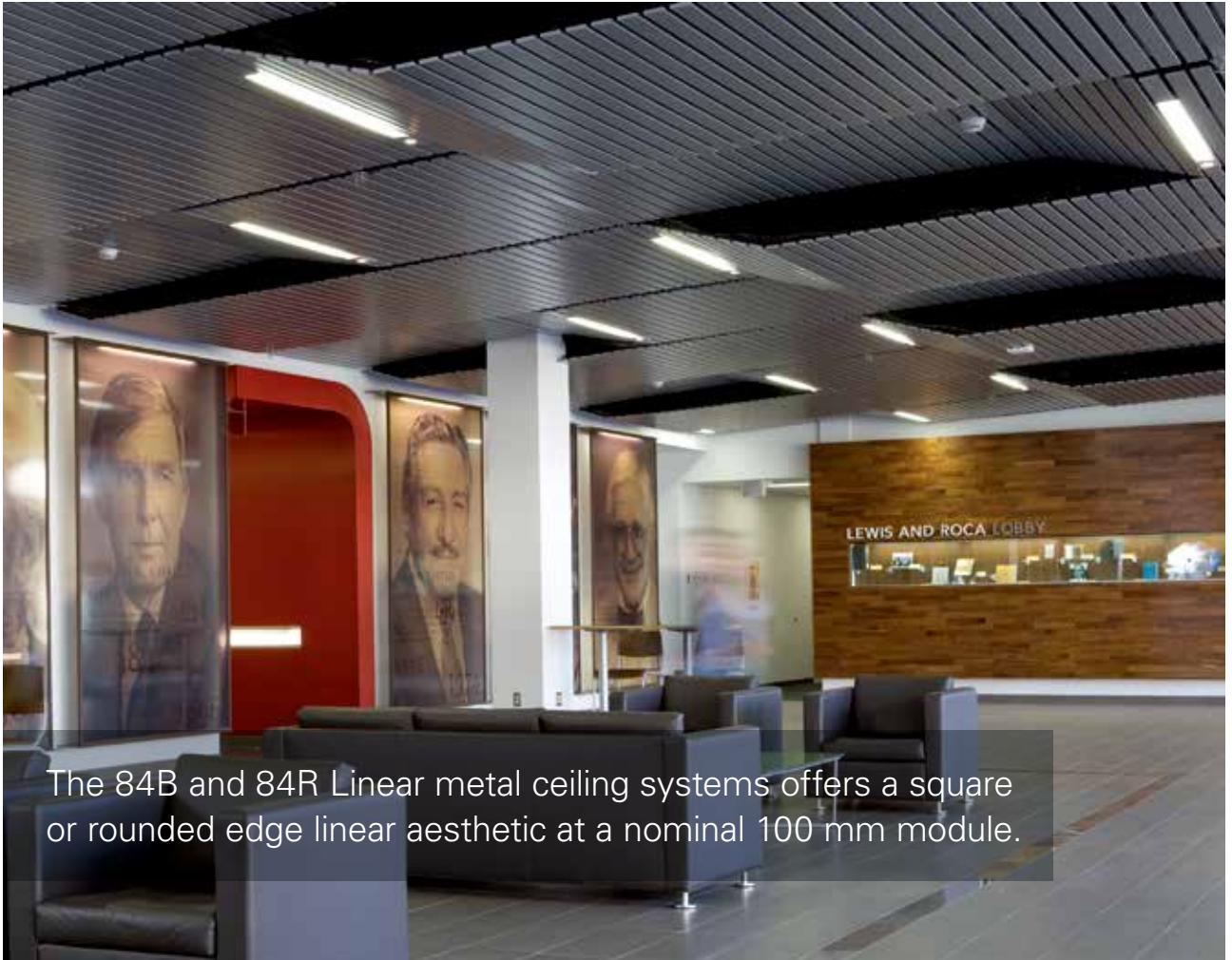


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



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.

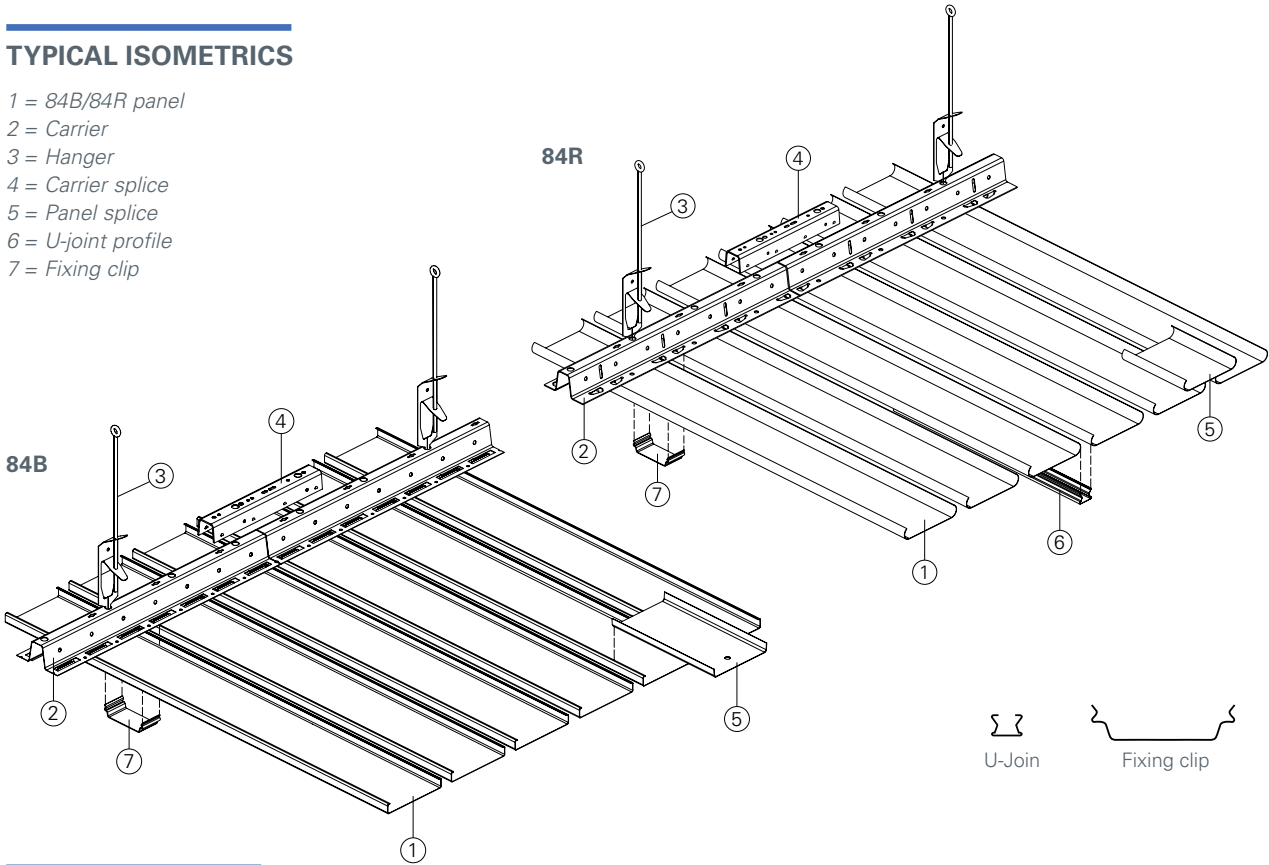
Project: James E. Rogers College of Law, Tucson, USA - Product: Linear 84B/84R - Architect: Gould Evans

KEY FEATURES

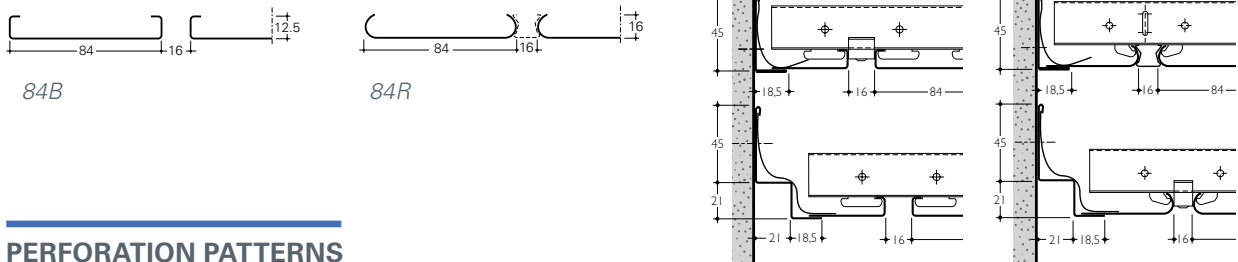
- Panel width 84 mm, joint 16 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm
- Square edge design (84B) or rounded edges (84R)
- Perforated version with non-woven for acoustic control
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- 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
- 7 = Fixing clip

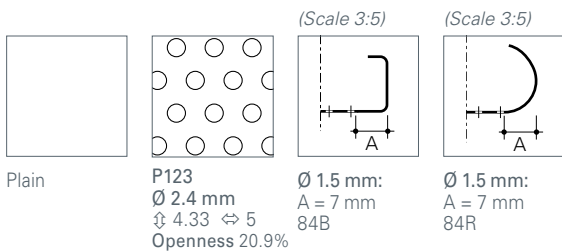


TYPICAL SECTIONS



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
 Class A2 according GB 8624
Weight: Varies ca 1.7 kg/m² - 2.3 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 392

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+
- 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



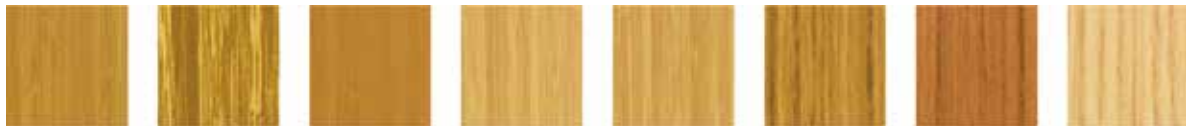
0280 RAL 9010 0581 RAL 9001 0585

METALS



7163 7007 7178 7008 (30BD only)

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



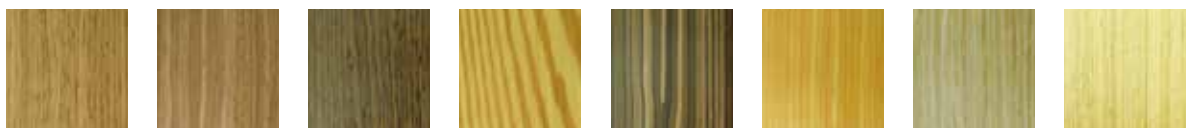
Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER

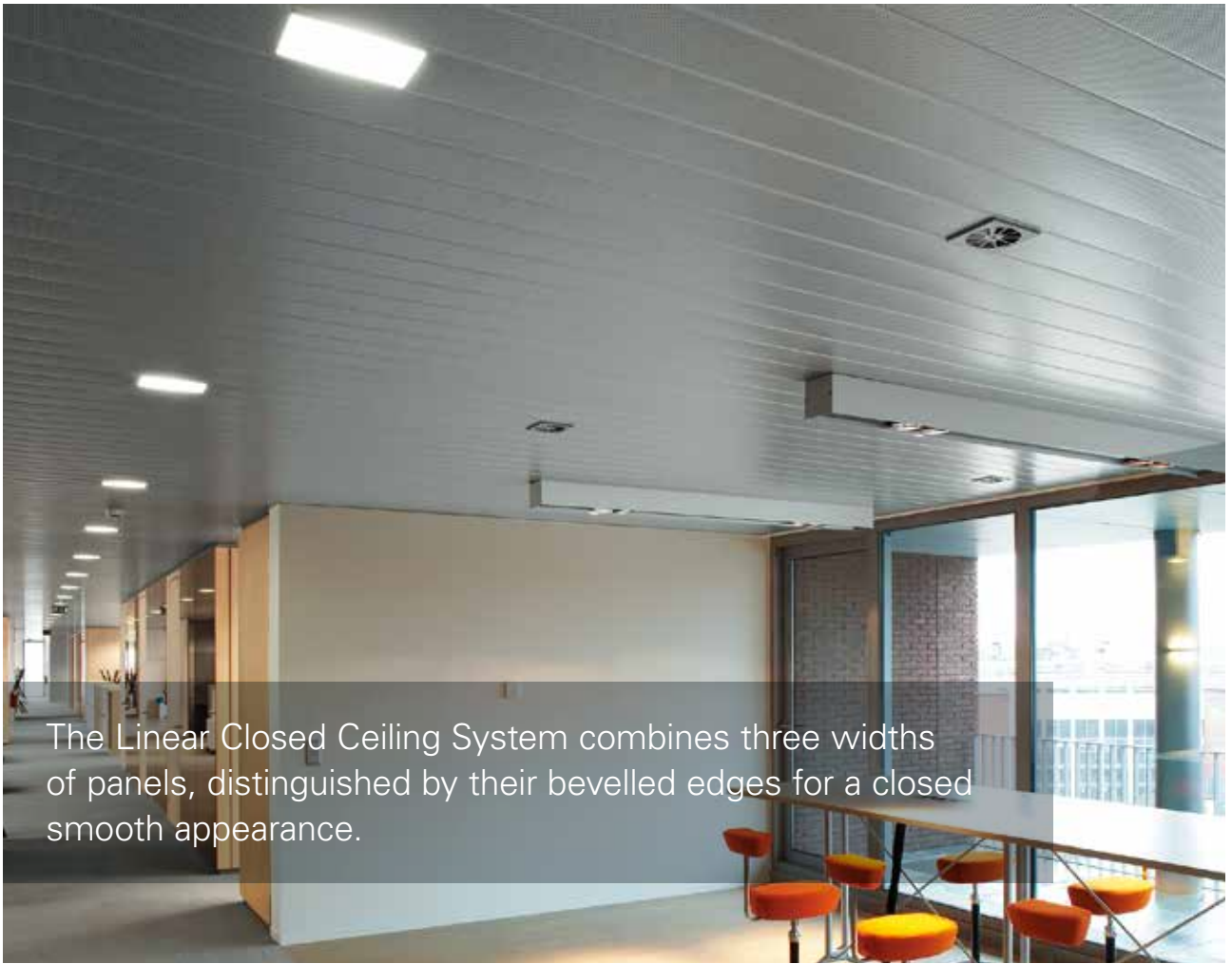


Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Vitesse Trainingscomplex Papendal, Arnhem, The Netherlands - Product: Linear 84B/84R - Architect: Geesink Weusten Architecten



The Linear Closed Ceiling System combines three widths of panels, distinguished by their bevelled edges for a closed smooth appearance.

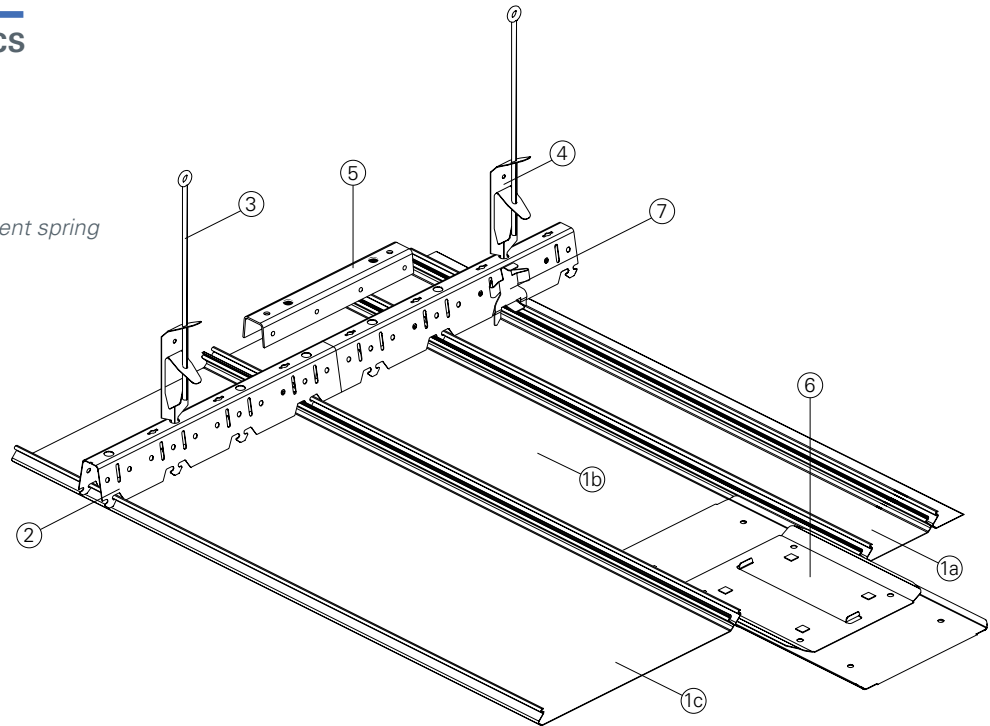
Project: InBev headquarters, Leuven, Belgium - Product: Linear 75C/150C/225C - Architect: Poponcini & Lootens

KEY FEATURES

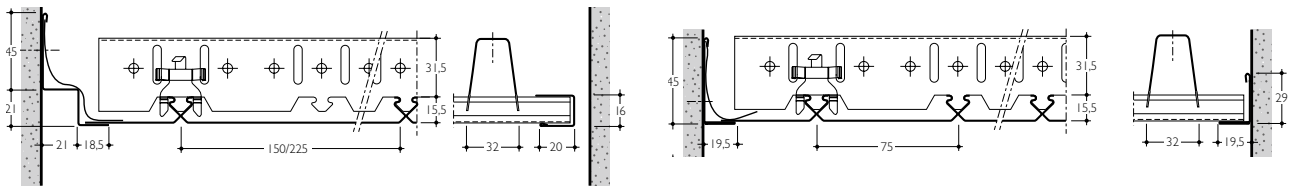
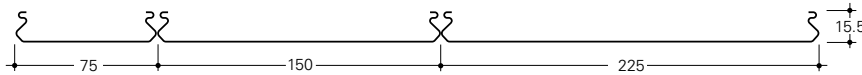
- Panel widths: 75 mm, 150 mm and 225 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm
- Bevelled edge design
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

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

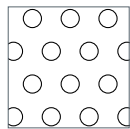


PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
 Scale shown: 1:1, unless otherwise noted.



Plain



P123
 \varnothing 2.4 mm
 \updownarrow 4.33 \leftrightarrow 5
 Openness 20.9%

Perforation runs into the bevelled edge

PHYSICAL DATA

Substrate: Aluminium
Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
 Class A2 according GB 8624
Weight: Varies ca 2.0 kg/m² - 2.2 kg/m²
Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
Acoustic rating: α_w 0.75: See page 392

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+
 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

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



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



Curved panel Metal Ceilings add a twist to the traditional view of ceiling design. Imagine concave, convex, and undulating forms that tempt a look upwards.

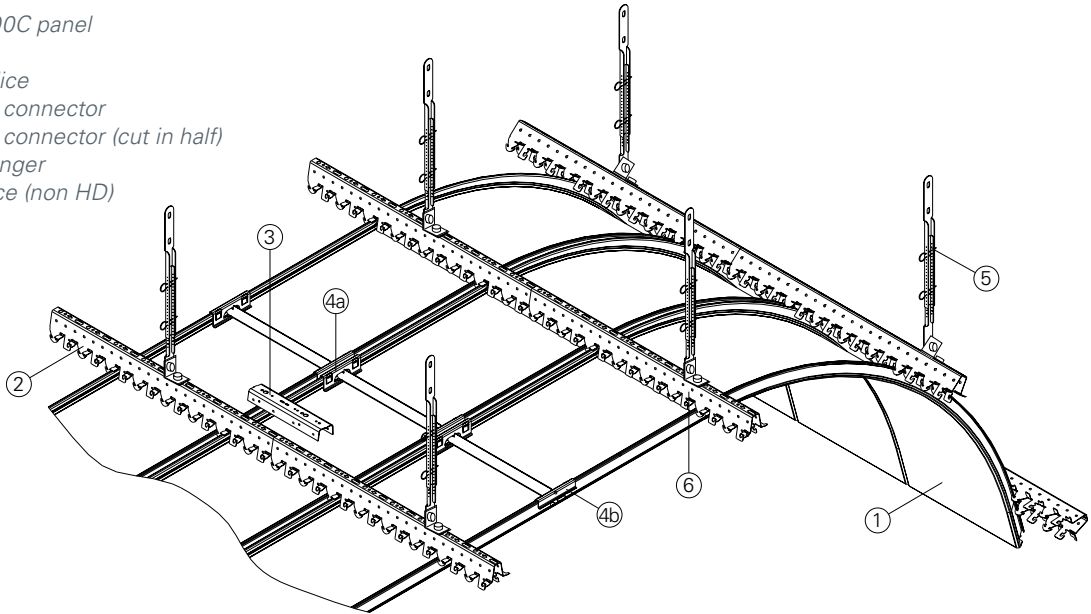
Project: Shanghai Maglev Train Longyang Road Station, Shanghai, China - Product: Curved 300C - Architect: ECADI

KEY FEATURES

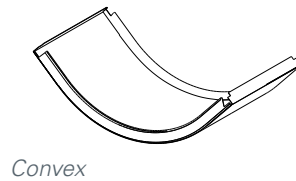
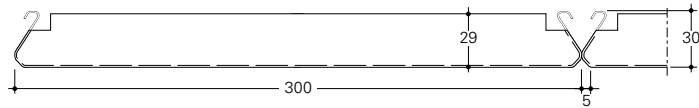
- Panel width: 300 mm
- Panel length: 1000 - 6000 mm
- Minimum radius for all shapes 1000 mm
- Panels in concave, convex or S-shape
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight 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 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.

	(Schale 1:3)		
Plain	P106 Ø 2.4 mm ⊥ 5.5 ⇔ 5.5 Openness 16%	P123 Ø 2.4 mm ⊥ 4.33 ⇔ 5 Openness 20.9%	Ø 1.5 / 2.0 mm A = 8.5 mm 300C

PHYSICAL DATA

- Substrate: Steel or Aluminium
- Fire rating: Class A2,s1,d0 according EN 13501-1
Class A2 according GB 8624
- Weight: Varies ca 2.9 kg/m² - 10.4 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
- Acoustic rating: α_w 0.75: See page 392

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+
- 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

0585

0684

METALS



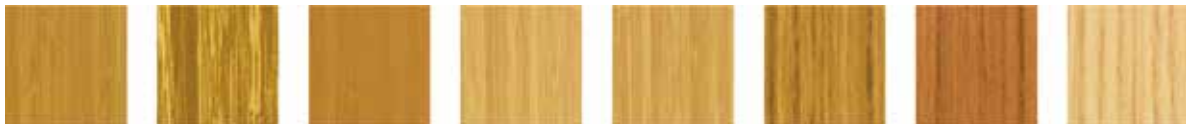
7163

7007

7178

7113

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin
50107
Woodgrain

Bamboo Skin
50108
Woodgrain

Bamboo Skin
50159
Woodgrain

Bamboo Skin
50163
Woodgrain

Bamboo Skin
50170
Woodgrain

Zebra Wood
50202
Woodgrain

Pear Wood
50203
Woodgrain

Pear Wood
50207
Woodgrain

(For more wood grain finishes, see page 388.)



Project: Brussels Airport Connector, Zaventem, Belgium - Product: Curved 300C - Architect: Joint Venture CTHM



Curved panel Metal Ceilings add a twist to the traditional view of ceiling design. Imagine concave, convex, and undulating forms that tempt a look upwards.

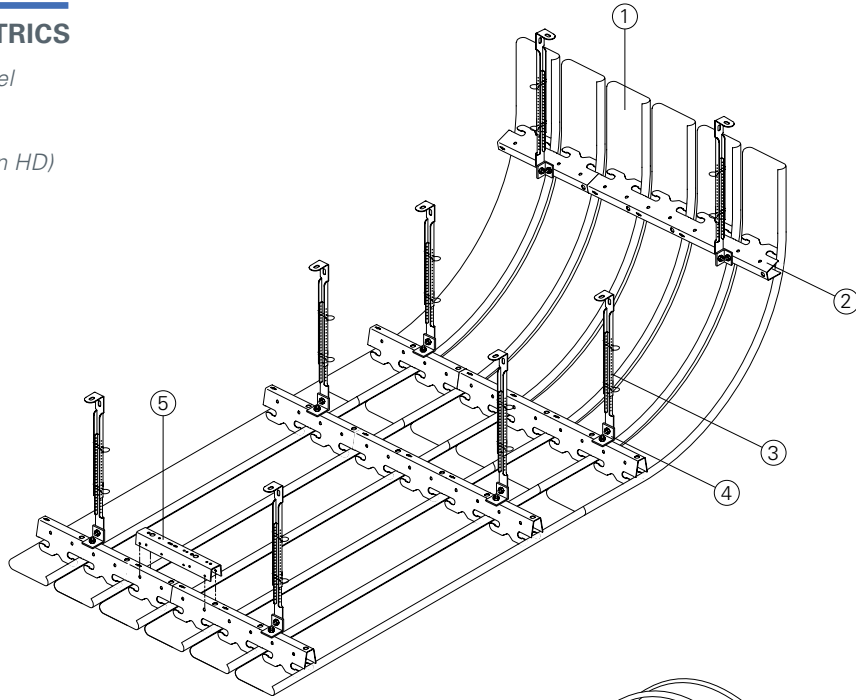
*Project: Gansu Provincial Museum, China - Product: Curved 84R
Architect: Gansu Provincial Architectural Design Institute / Beijing Honggao Design Company*

KEY FEATURES

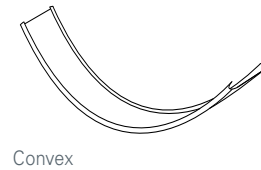
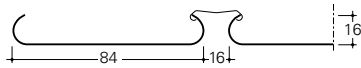
- Panel width: 84 mm, joint 16 mm
- Panel length: 1000 - 6000 mm
- Fixed radius of 325 mm or variable radius with minimum of 1000 mm
- Panels in concave, convex or S-shape
- Perforated version with non-woven for acoustic control
- On site waste reduction with factory fabricated dimensional material
- 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 = 84R curved panel
- 2 = 84R carrier
- 3 = Nonius hanger
- 4 = Fixing piece (non HD)
- 5 = Carrier splice

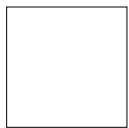


TYPICAL SECTIONS



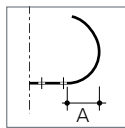
PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns.
Scale shown: 1:1, unless otherwise noted.



Plain

(Scale 3:5)



Ø 1.5 mm
A = ca. 7 mm
84R

PHYSICAL DATA

Substrate: Aluminium

Fire rating: Class A2,s1,d0 (plain), A2,s2,d0 (perf+NW)
according EN 13501-1
Class A2 according GB 8624

Weight: Varies ca 1.7 kg/m² - 2.3 kg/m²

Light reflectance (LR) Coefficient:

- Varies with finish
- HD0280: LR = 0.81

Acoustic rating: α_w 0.75: See page 392

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

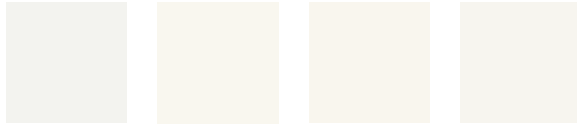
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- 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

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

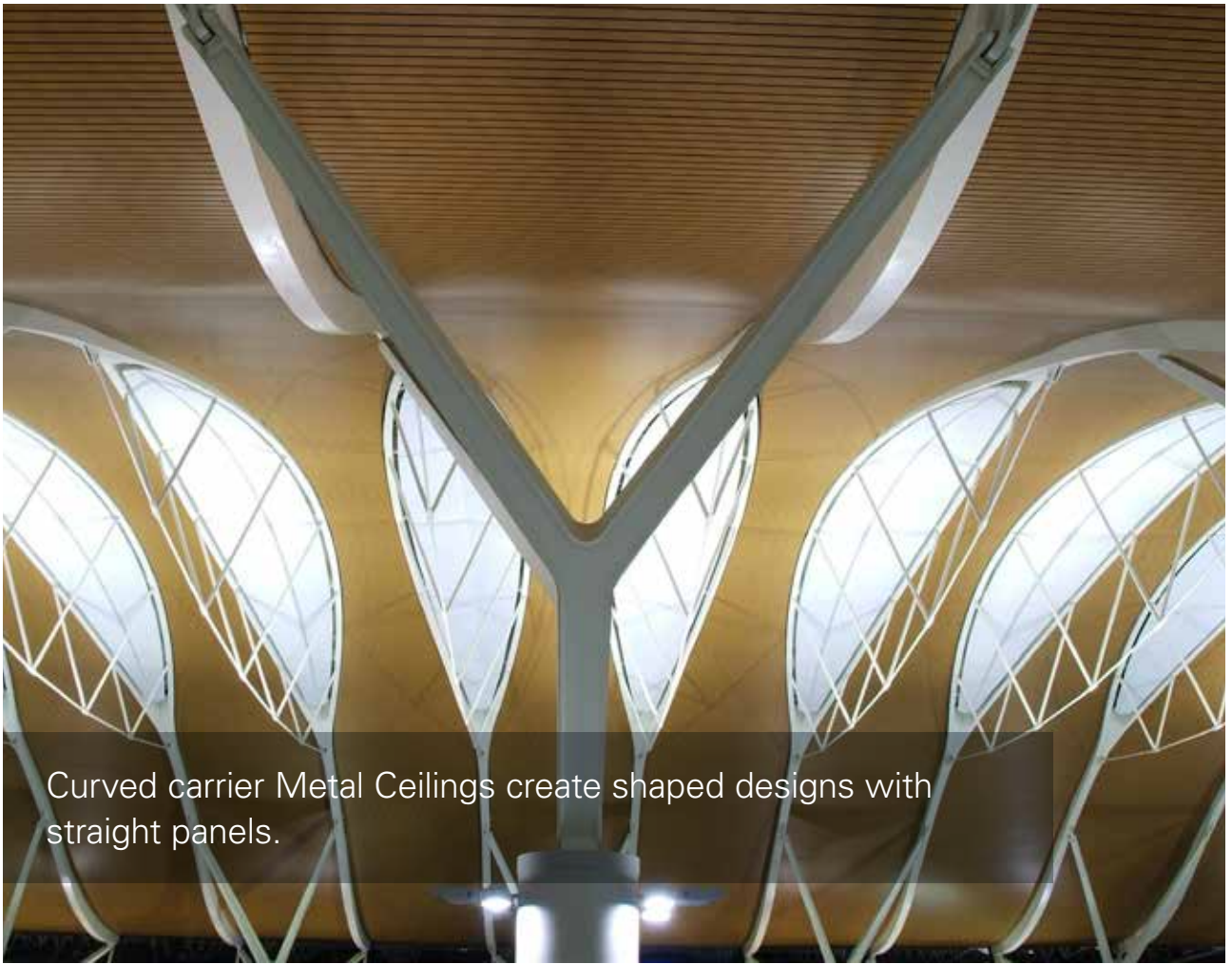
Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



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.

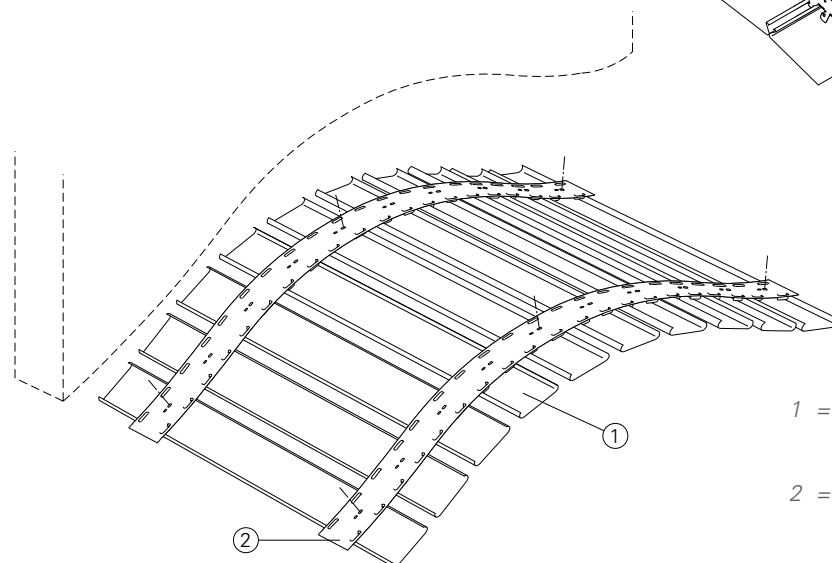
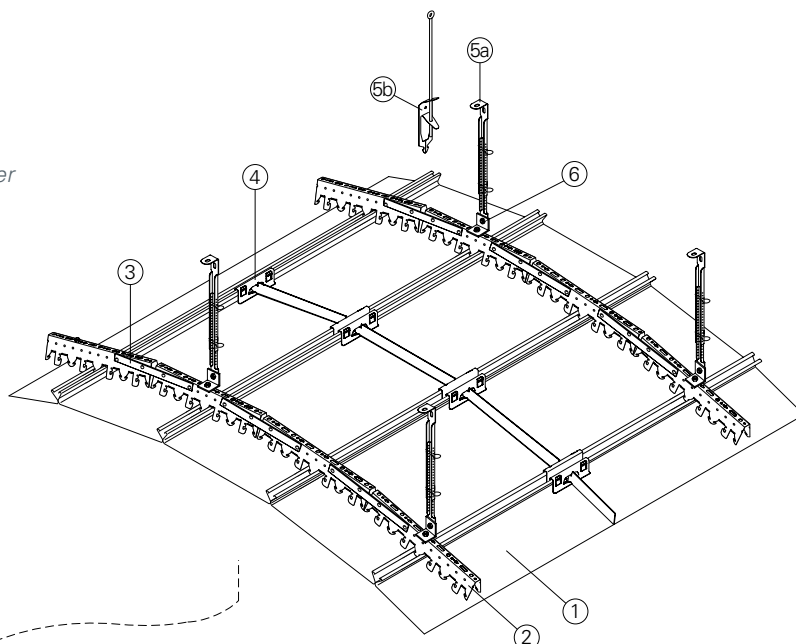
Project: Shanghai Pudong International Airport T2, China - Product: Curved Carrier - Architect: ECADI

KEY FEATURES

- Panel width: 300 mm or 100 mm module
- Panel length: 800 - 6000 mm
- Segmented carrier: minimum 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 undulating
- 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)



- 1 = 30B-180B, 84B, 84R, 70U Ceiling panel, straight
- 2 = Flex carrier

PERFORATION PATTERNS

Standard patterns shown. See page 390 for all perforation patterns. Scale shown: 1:1, unless otherwise noted.



Plain

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 according EN 13501-1
Class A2 according GB 8624
- Weight: Varies ca 1.7 kg/m² - 6.4 kg/m²
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
- Acoustic rating: α_w 0.75: See page 392

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+
- 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

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



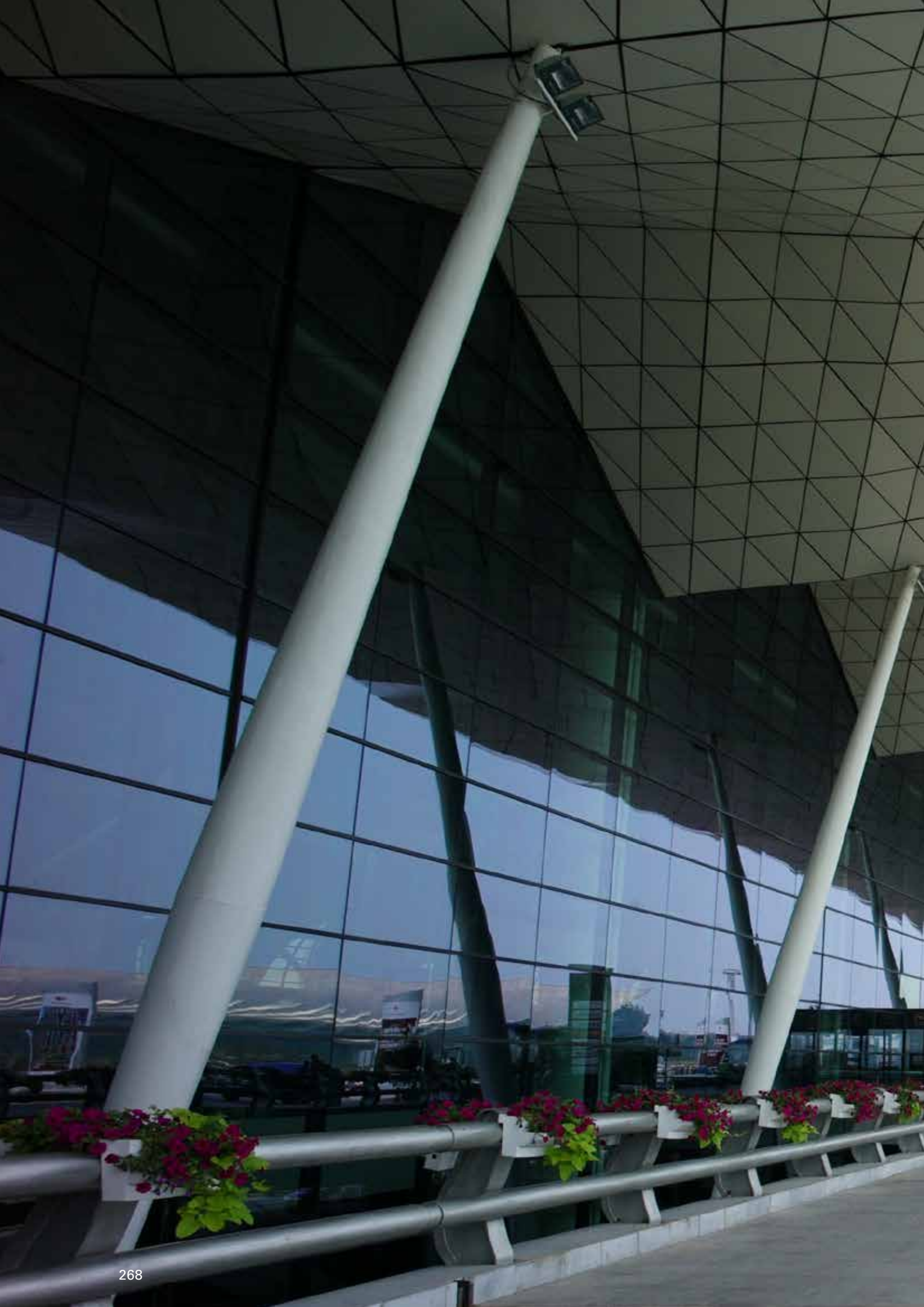
Project: Wrocław Airport, Wrocław, Poland - Product: Curved Carrier - Architects: JSK



Project: Shanghai Pudong International Airport T2, China
Architect: ECADI
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.

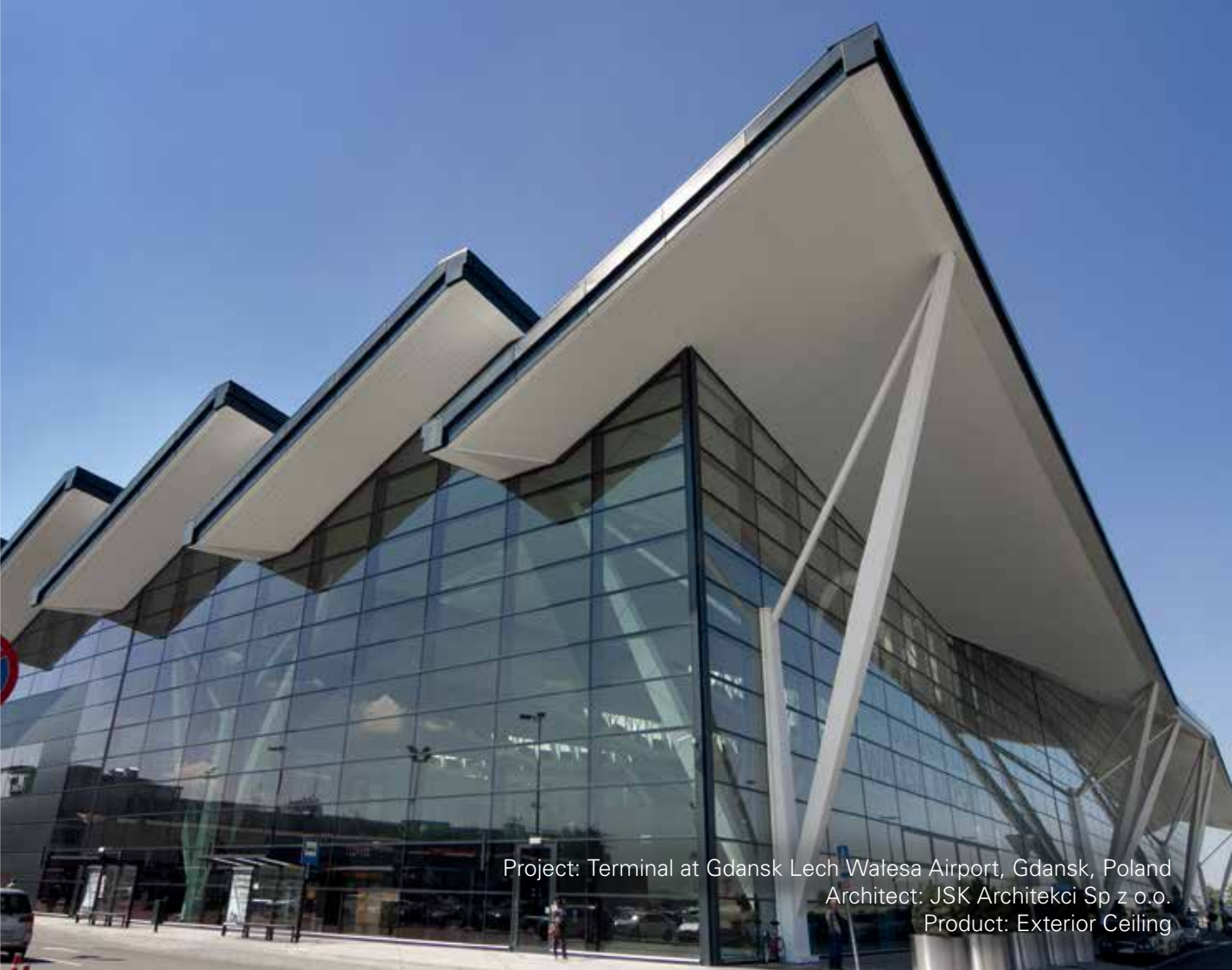




Project: Shenyang Taoxian Airport T3, China
Architect: Northeast Architectural Design Institute Shenzhen Branch
Product: Custom Ceiling



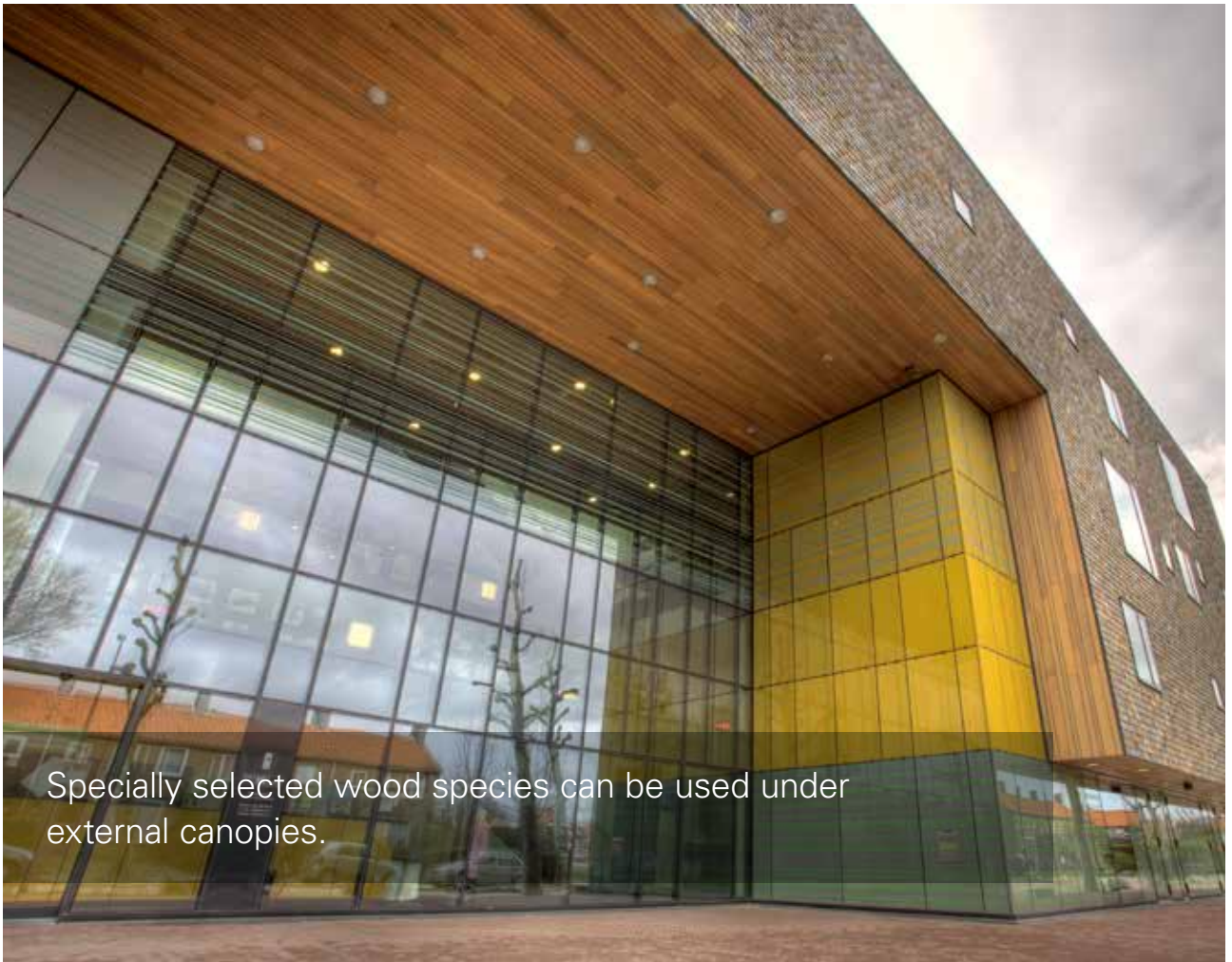
Project: Parking Hofdame, Rotterdam, The Netherlands
Architect: Klunder Architecten
Product: Solid Wood Linear Exterior



Project: Terminal at Gdansk Lech Walesa Airport, Gdansk, Poland
 Architect: JSK Architekci Sp z o.o.
 Product: Exterior Ceiling

EXTERIOR CEILINGS

SOLID WOOD GRILL AND LINEAR	272
VENEERED WOOD GRILL AND LINEAR	276
VENEERED WOOD TILES	280
MULTIPANEL	284
LINEAR CLOSED	288
150F/200F	292
150F/200F(HIGH WIND LOAD SOLUTION)	296
V100	300
300C	304
SAFETY-LOOP	308



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

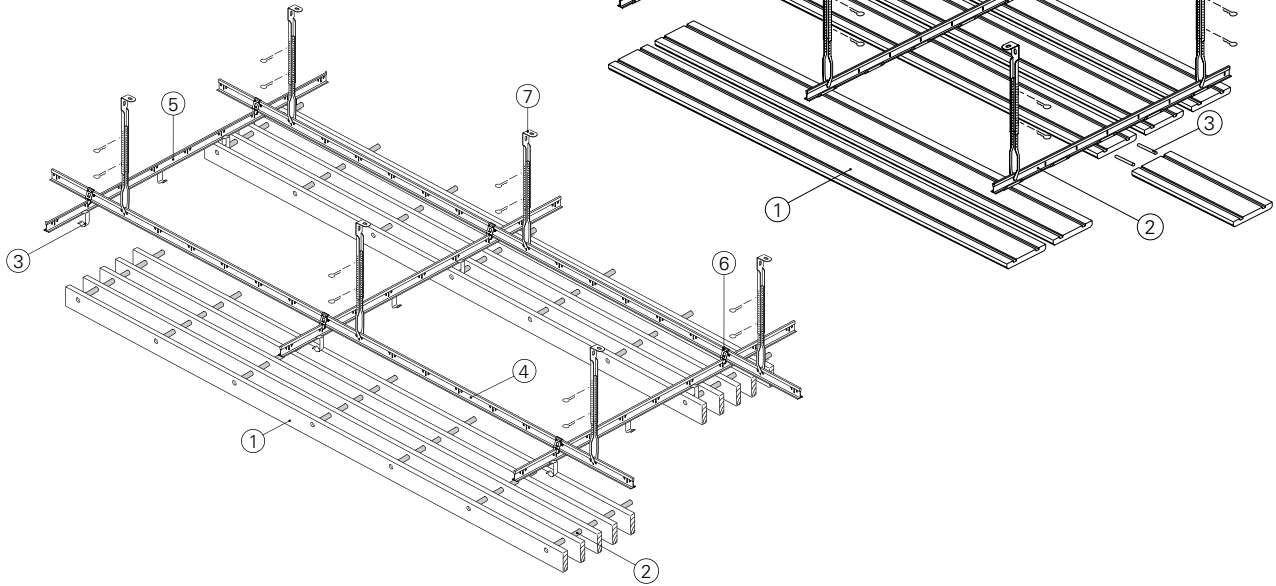
KEY FEATURES

- 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

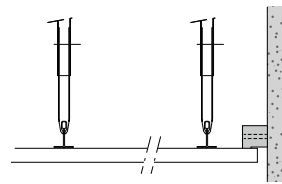
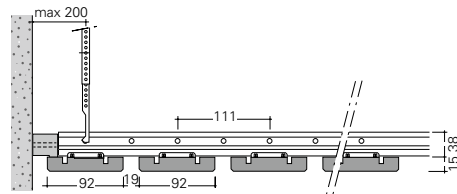
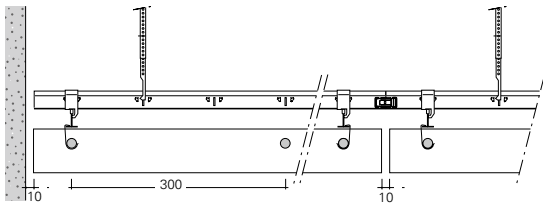
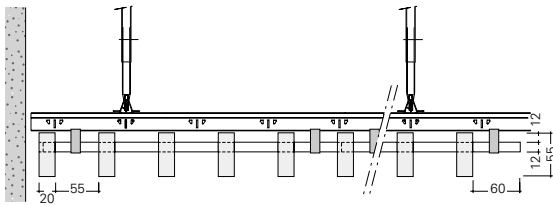
TYPICAL ISOMETRICS

- 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
 EQ : Indoor Air Quality Management
 EQ : Acoustic Performance

CERTIFICATIONS

GREENGUARD Gold
 Cradle-to-cradle (C2C) Silver
 FSC
 PEFC

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



European Pine



Siberian Larch



European Oak



Oregon Pine



Western Red Cedar



Thermowood



Waxed Wood



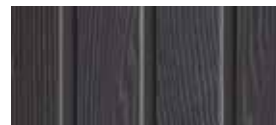
Fràke Noir



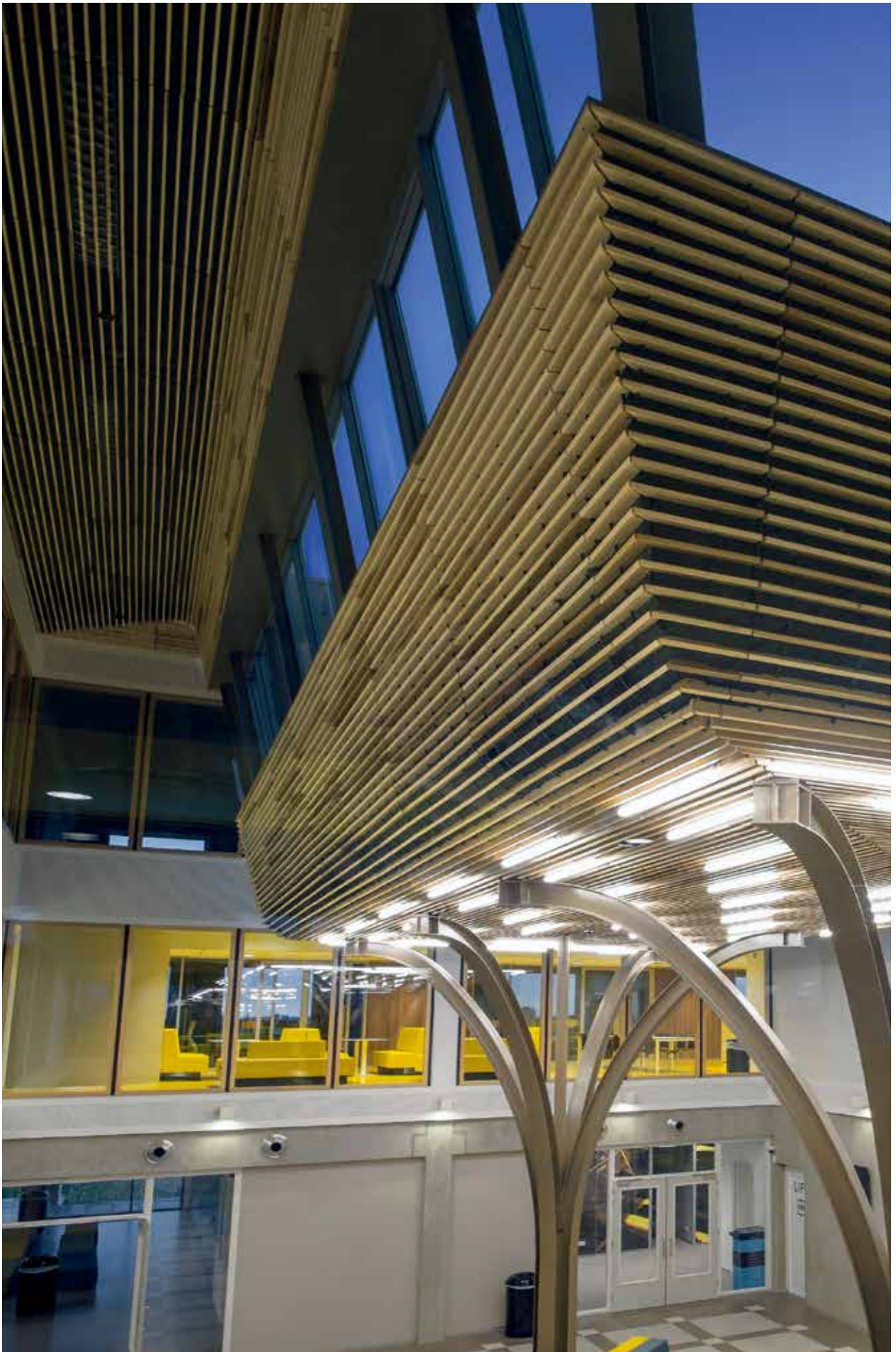
Nobel Wood



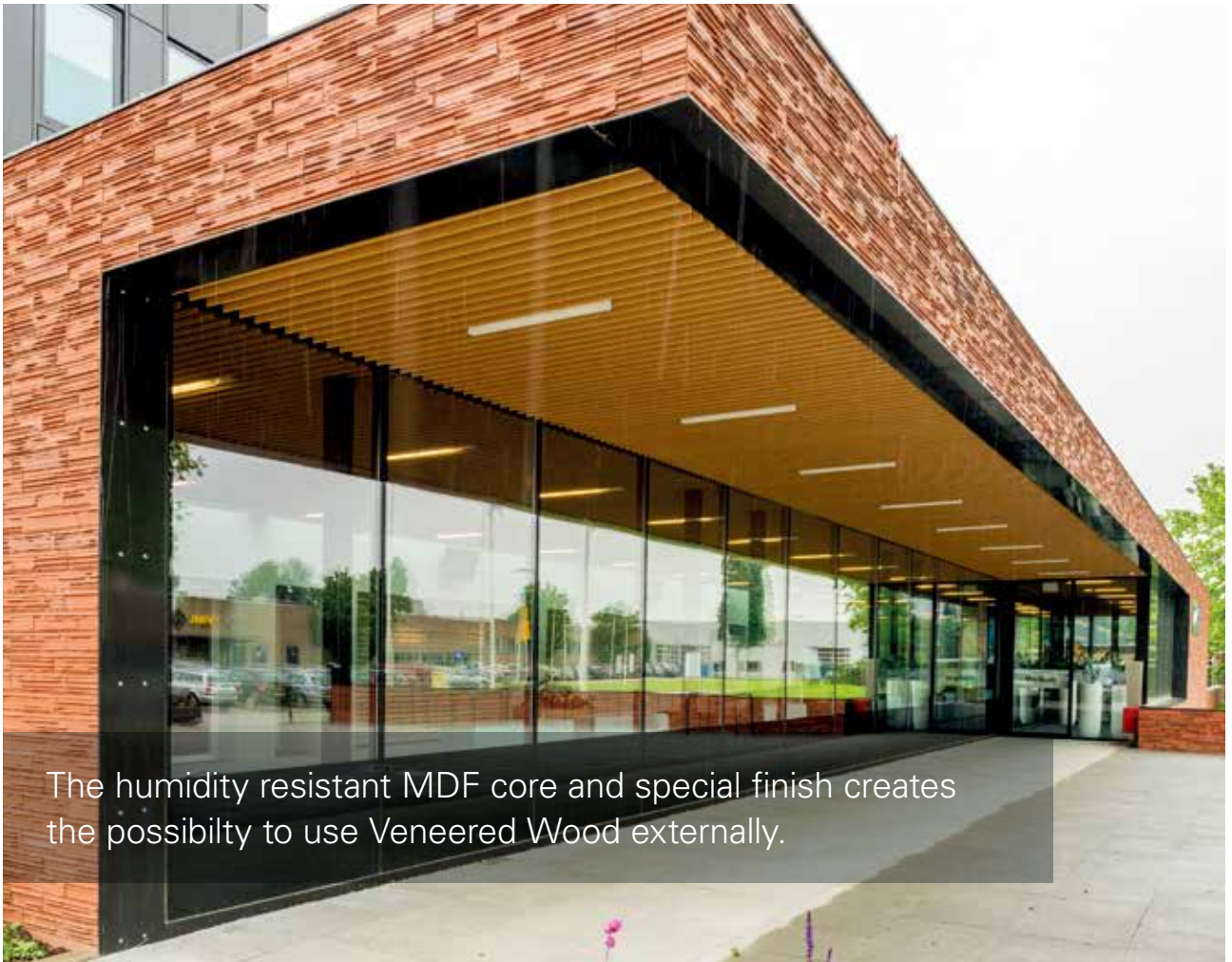
Bamboo



Charred Wood



Project: Melanchton Berkroden, Berkel en Rodenrijs, The Netherlands - Product: Solid Wood Grill, Yellow Poplar - Architect: 01-10 Architecten



The humidity resistant MDF core and special finish creates the possibility to use Veneered Wood externally.

Project: Town hall, Didam, The Netherlands - Product: Veneered Wood Grill Exterior, Ash - Architect: De Twee Snoeken

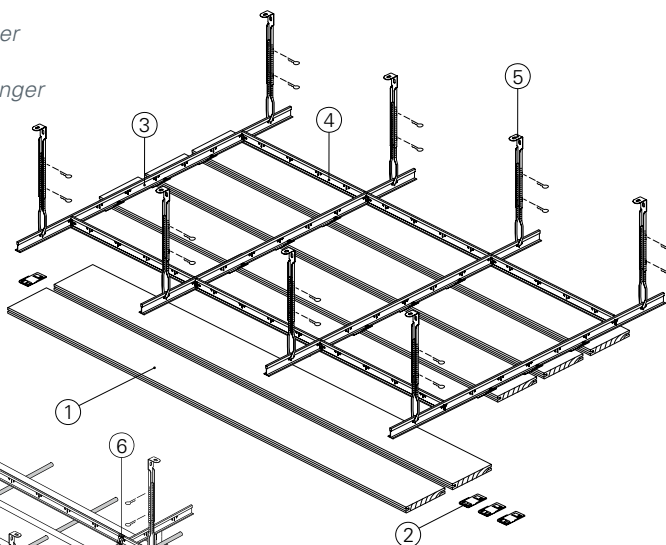
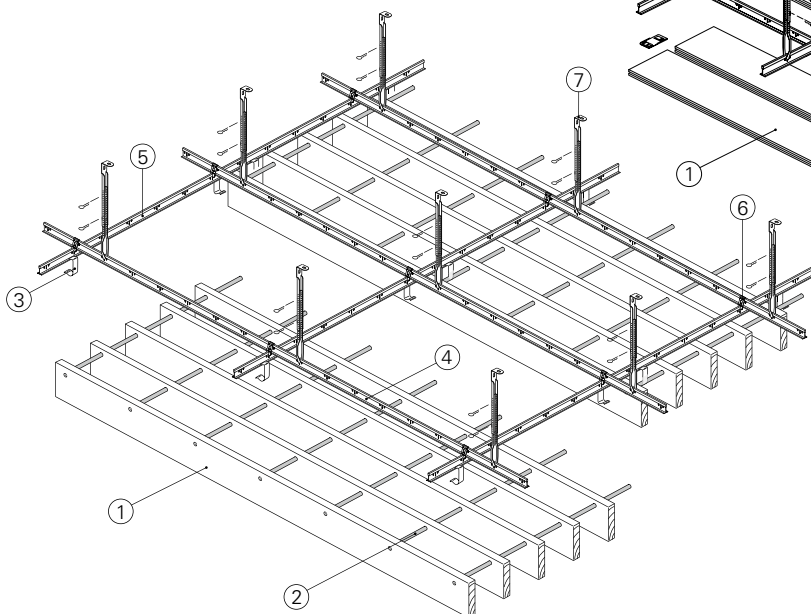
KEY FEATURES

- 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

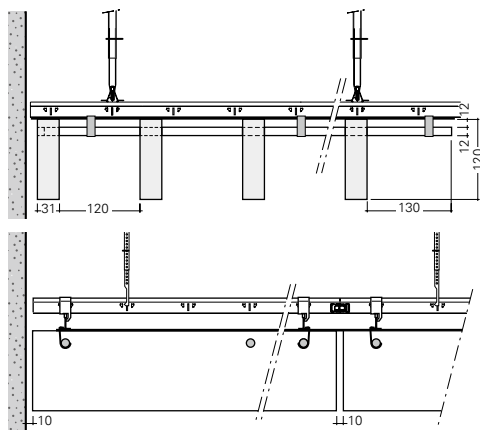
TYPICAL ISOMETRICS

- 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

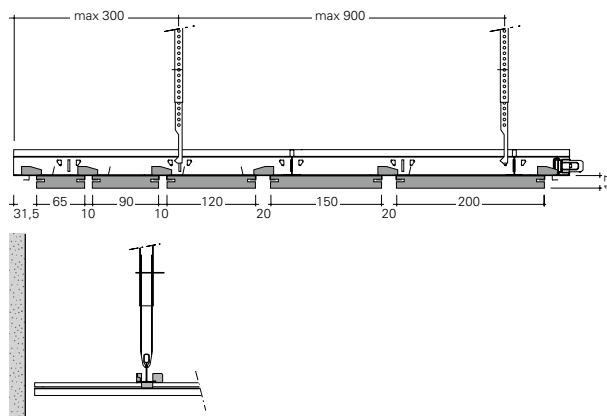
- 1 = Veneered Wood Linear panel
- 2 = Metal clip
- 3 = Main runner
- 4 = Quicklock
- 5 = Nonius hanger



TYPICAL SECTIONS



Solid Wood Grill Exterior system



Solid Wood Linear Exterior system

PHYSICAL DATA

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

- GREENGUARD Gold
- Cradle-to-cradle (C2C) Silver
- FSC
- PEFC

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.

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 Ash BF050 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

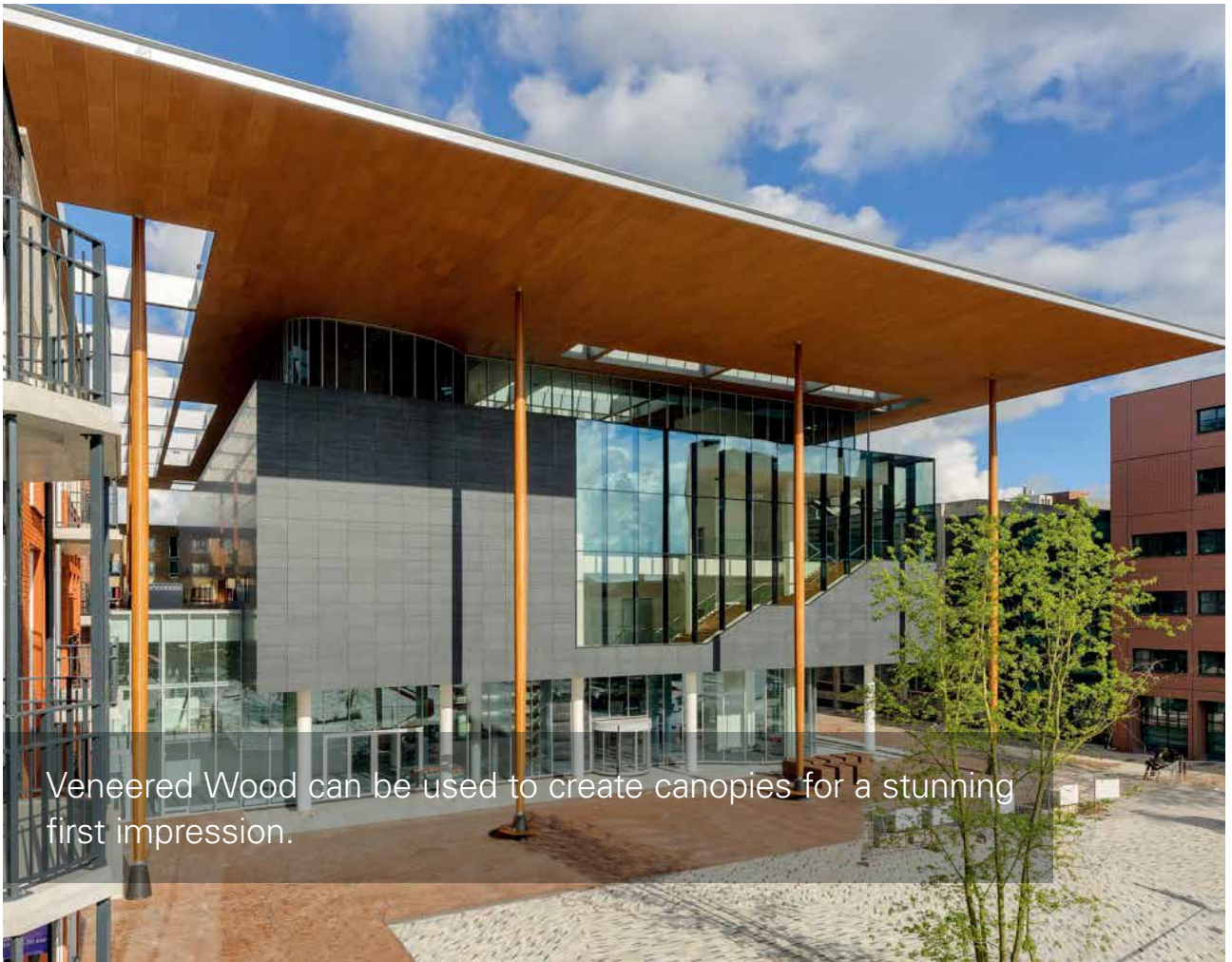


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

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



Project: Town hall, Didam, The Netherlands - Product: Veneered Wood Grill Exterior, Ash - Architect: De Twee Snoeken



Veneered Wood can be used to create canopies for a stunning first impression.

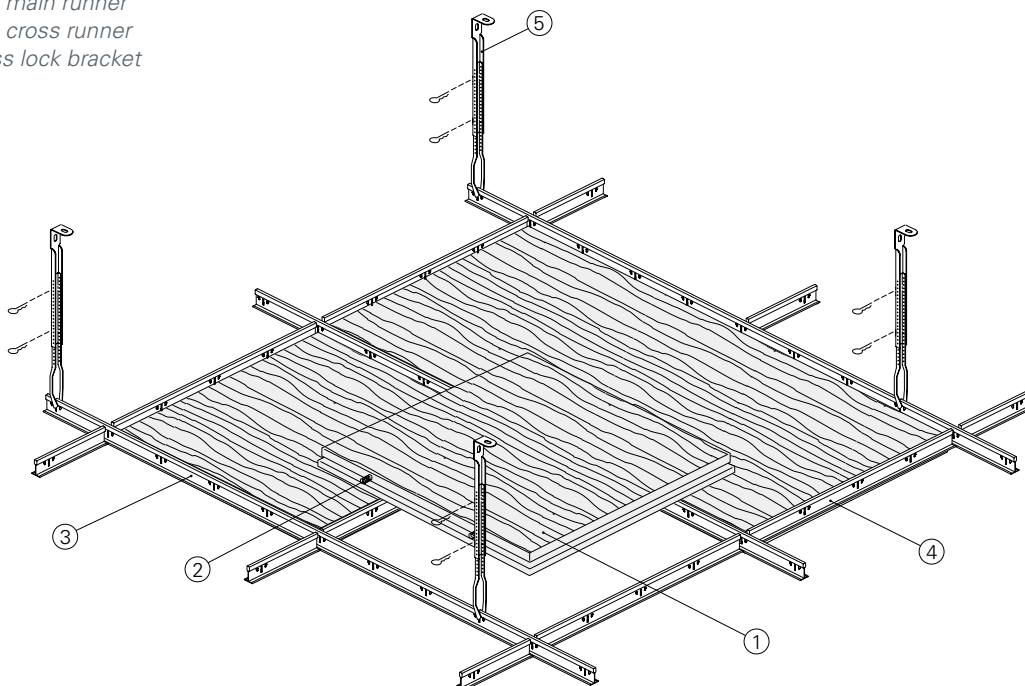
Project: Fries Museum, Leeuwarden, The Netherlands - Veneered Wood Tiles, Exterior - Architect: Bierman Henket architecten

KEY FEATURES

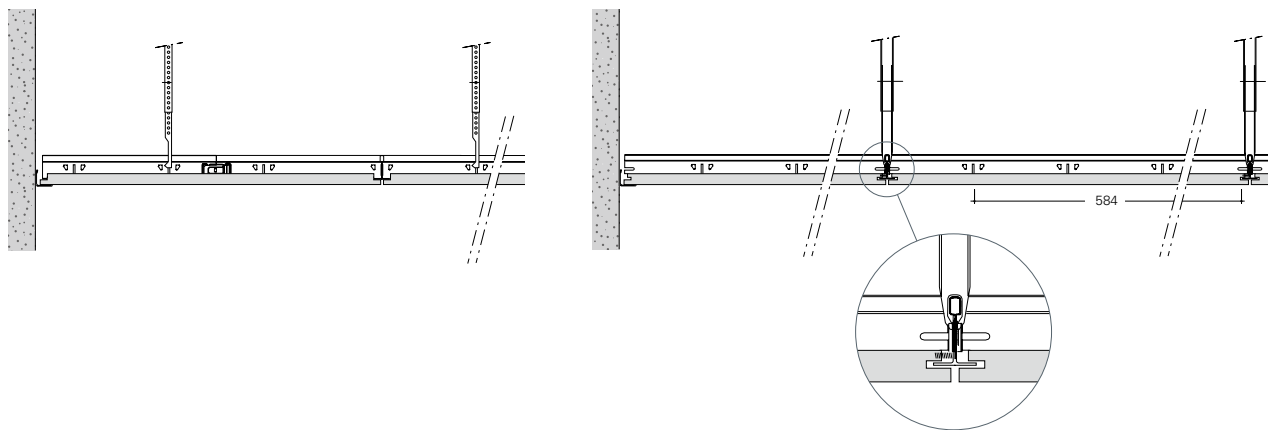
- Exterior applications
- Tile sizes: 300/600/900/1200 x max. 1200 mm, other sizes available upon request
- Installed in a corrosion resistant T24 grid, with a semi-concealed detail
- The System ceiling type uses springs to keep the panel in place
- Variety of 20+ wood species, FSC or PEFC certified
- 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 = Cross lock bracket



TYPICAL SECTIONS



PHYSICAL DATA

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

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.

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 Ash BF050 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

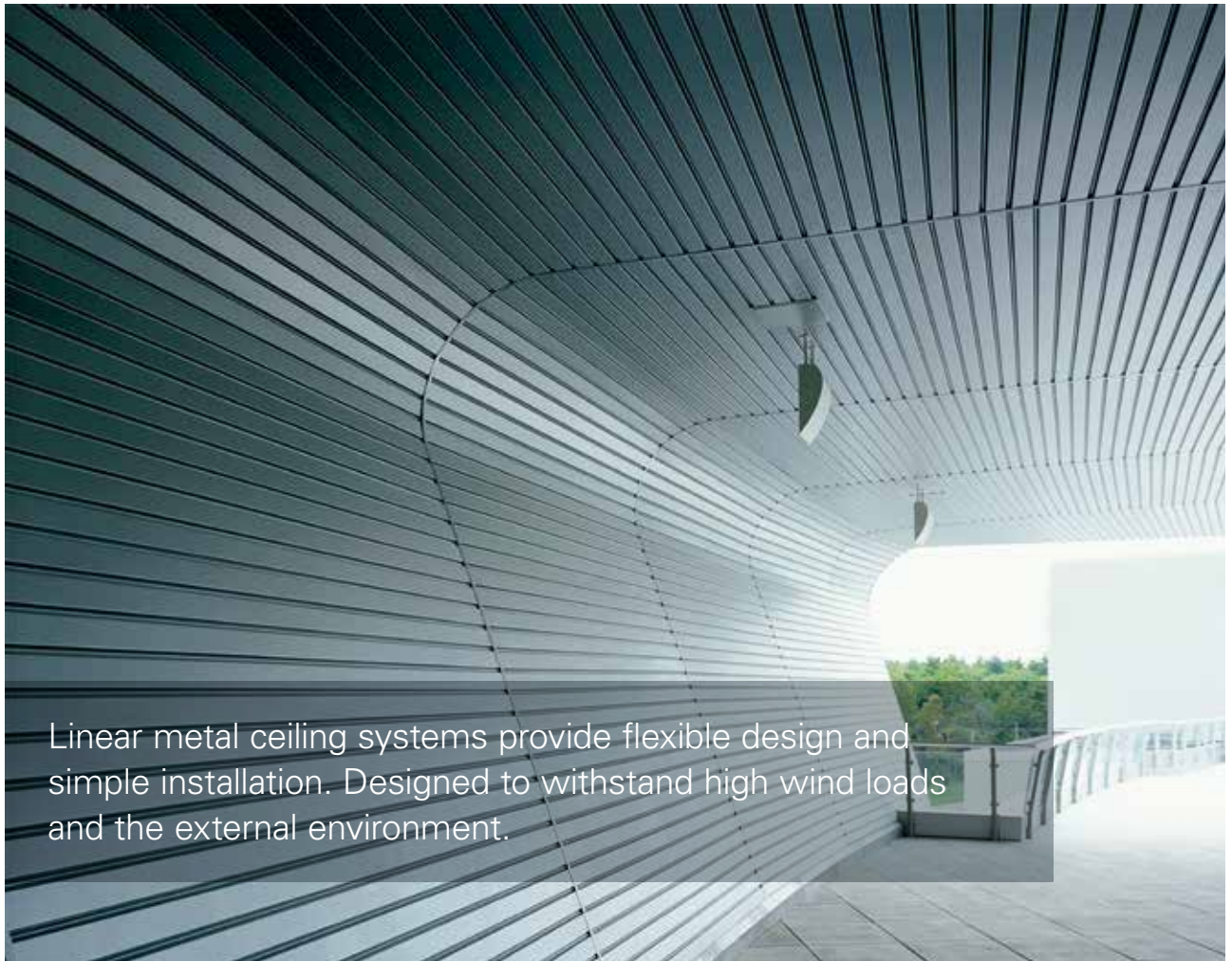


Arrow Brown Devil Deco M02 Deco M06 Burl Cherry EVH Vega Mark

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



Project: Philips High Tech Campus, Eindhoven, The Netherlands - Product: Veneered Wood Tiles Exterior, American Maple - Architect: JHK Architecten



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

Project: Reebok World Headquarters, Canton, MA, USA - Product: Linear MultiPanel Exterior - Architect: NBBJ Architects of Seattle

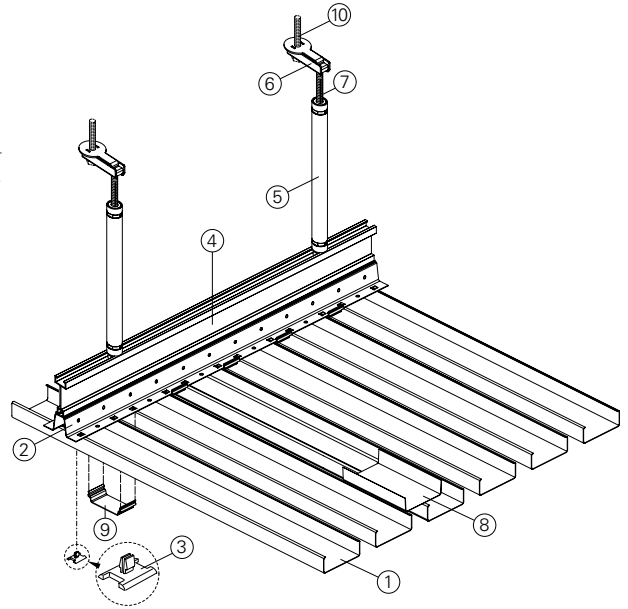
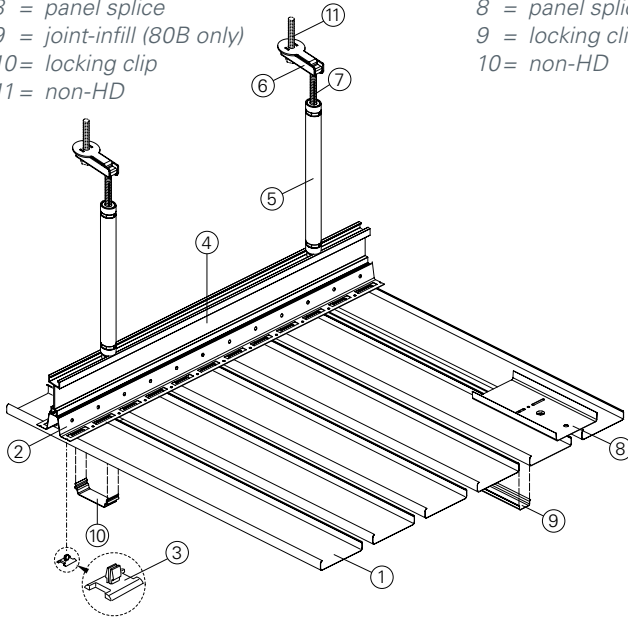
KEY FEATURES

- Panel widths: 70 mm (70U) and 80 mm (80B)
- Panel length: 800 mm up to 6000 mm
- Panel depths:
 - 15 mm (80B)
 - 25 mm (70U)
- 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

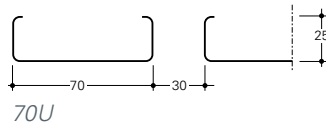
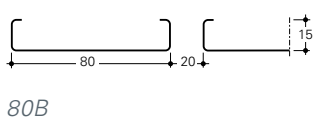
- 1 = 80B panel
- 2 = carrier
- 3 = screw washer
- 4 = reinforcement
- 5 = hanger
- 6 = top fixing
- 7 = threaded rod
- 8 = panel splice
- 9 = joint-infill (80B only)
- 10 = locking clip
- 11 = non-HD

- 1 = 70U 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

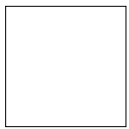


Spans vary with the applicable wind load

TYPICAL SECTIONS



PERFORATION PATTERNS



Plain

PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
Class A2 according GB 8624
- 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

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+
- 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.

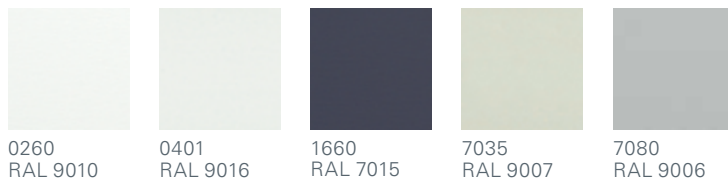
Unprecedented Protection



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.

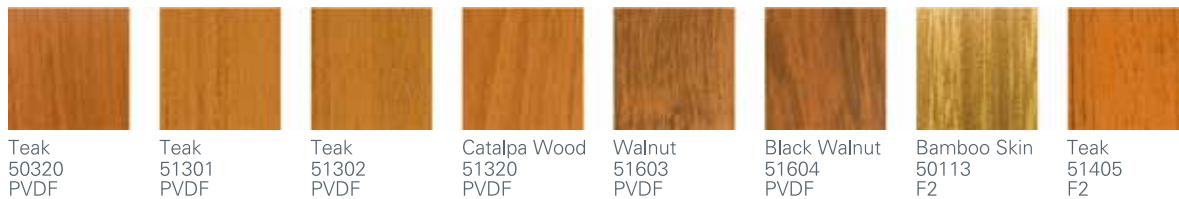
STANDARD LUXACOTE® PAINT COLOURS



CUSTOM COLOURS



PVDF & PVDF HYBRID (LUXACOTE F2 COATING)



(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





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.

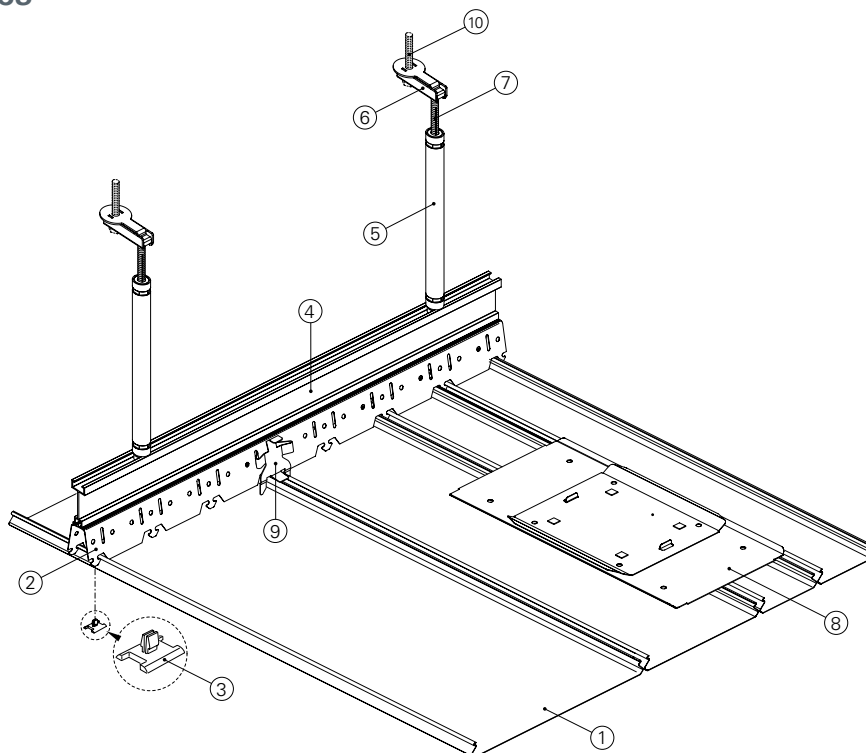
Project: Poleczki Business Park, Warswa, Poland - Product: Linear Closed Exterior - Architect: RKW

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

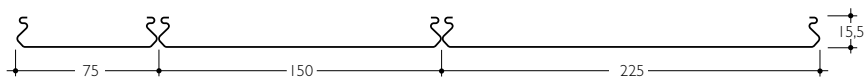
TYPICAL ISOMETRICS

- 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
Class A2 according GB 8624
- 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

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+
- EPD: Available upon request
- Wind load resistance

COLOURS AND FINISHES

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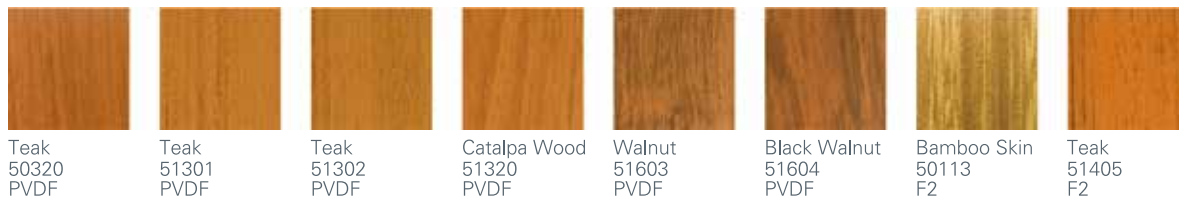
STANDARD LUXACOTE® PAINT COLOURS



CUSTOM COLOURS



PVDF & PVDF HYBRID (LUXACOTE F2 COATING)



(For more wood grain finishes, see page 388.)

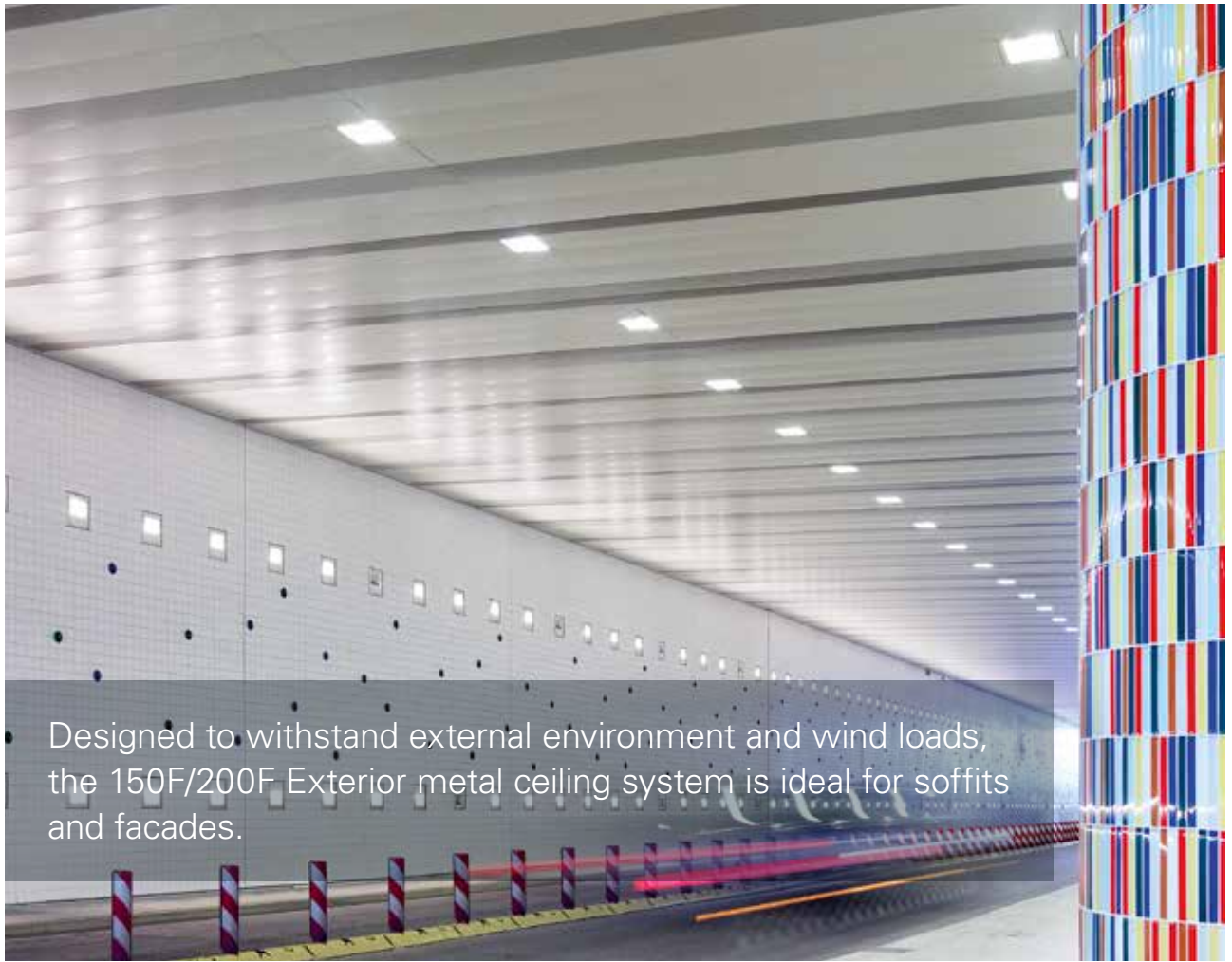
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





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.

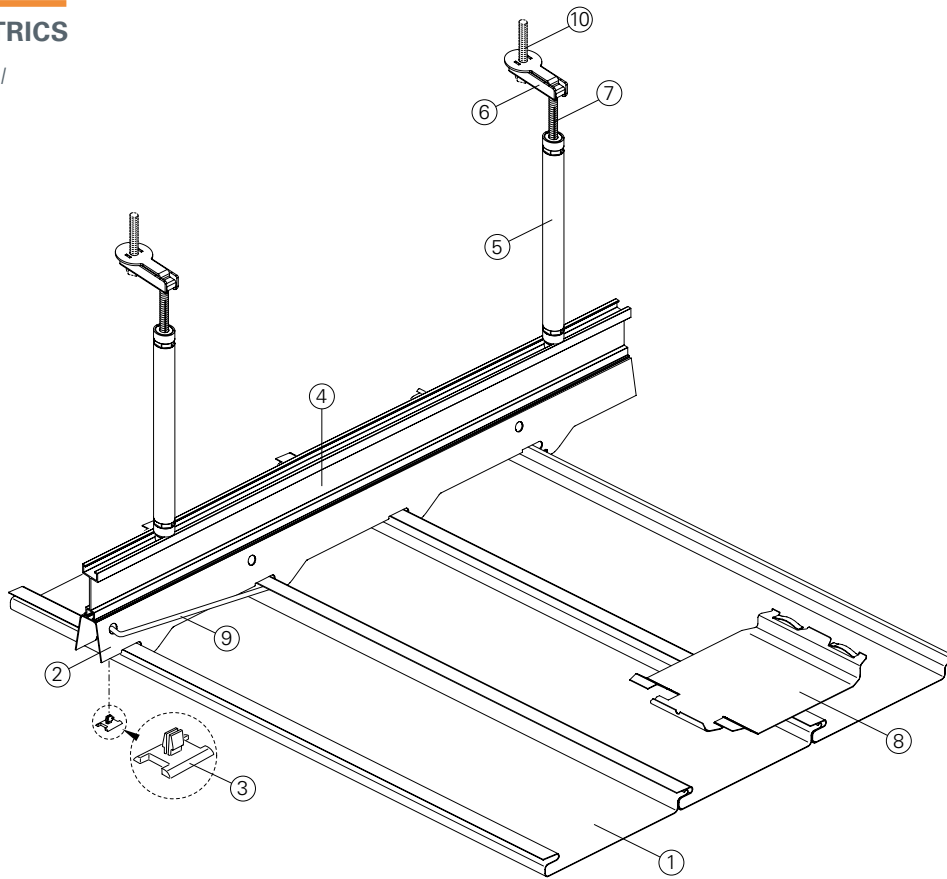
Project : Above : Weena Tunnel, Rotterdam, The Netherlands - Product : Exterior Ceiling - Architect : Maarten Struijs

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

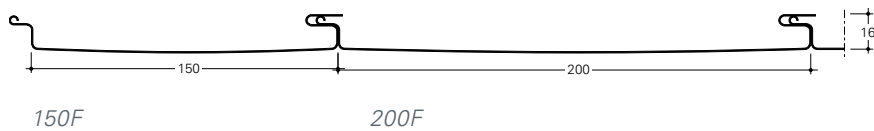
TYPICAL ISOMETRICS

- 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



PERFORATION PATTERNS



Plain

PHYSICAL DATA

- Substrate:** Aluminium
- Fire rating:** Class A2,s1,d0 (all versions) according EN 13501-1
Class A2 according GB 8624
- 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

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+
- EPD: Available upon request
- Wind load resistance

COLOURS AND FINISHES

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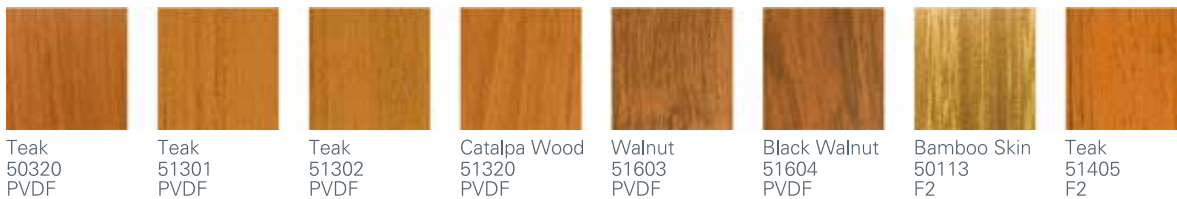
STANDARD LUXACOTE® PAINT COLOURS



CUSTOM COLOURS



PVDF & PVDF HYBRID (LUXACOTE F2 COATING)



(For more wood grain finishes, see page 388.)

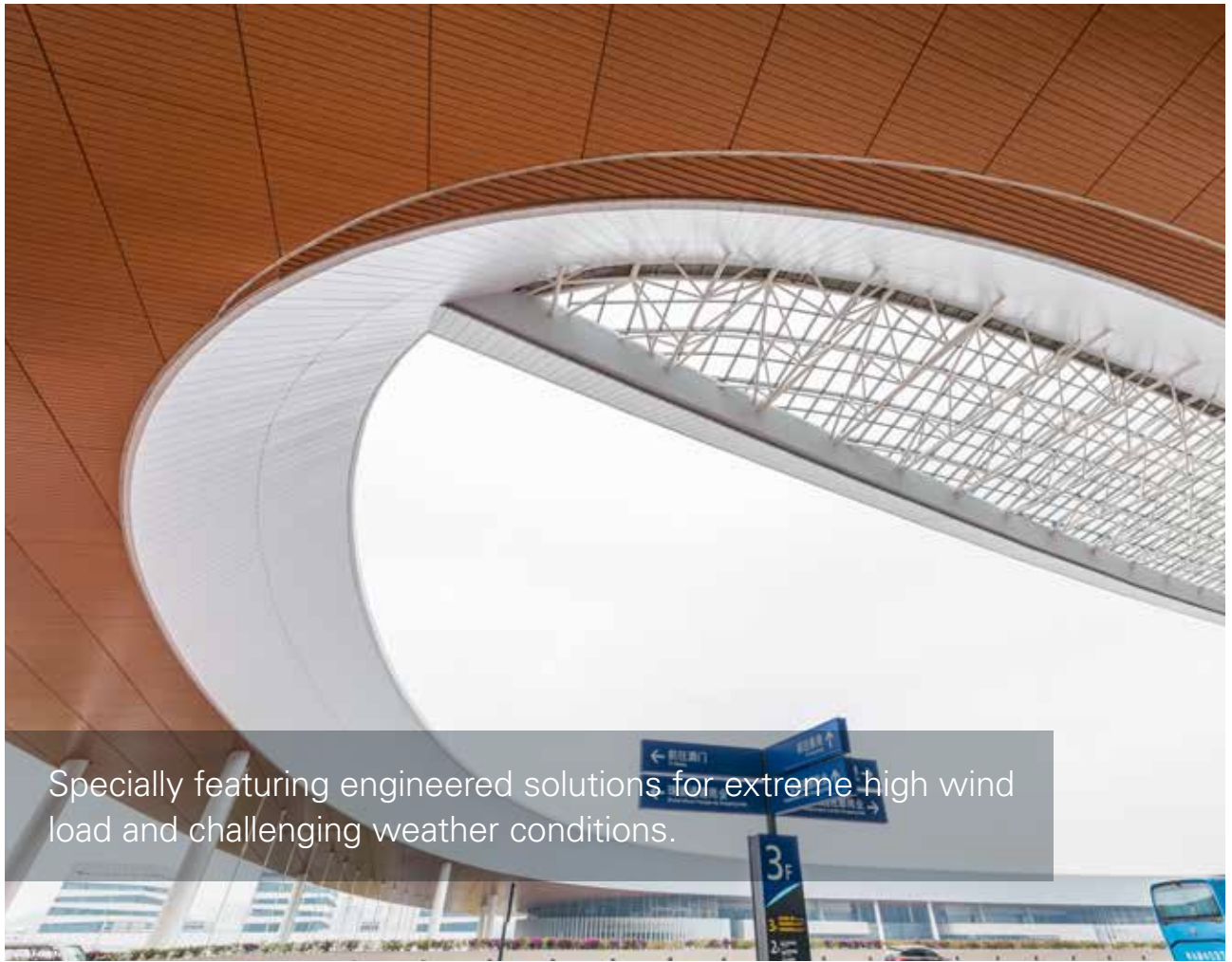
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





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



Specially featuring engineered solutions for extreme high wind load and challenging weather conditions.

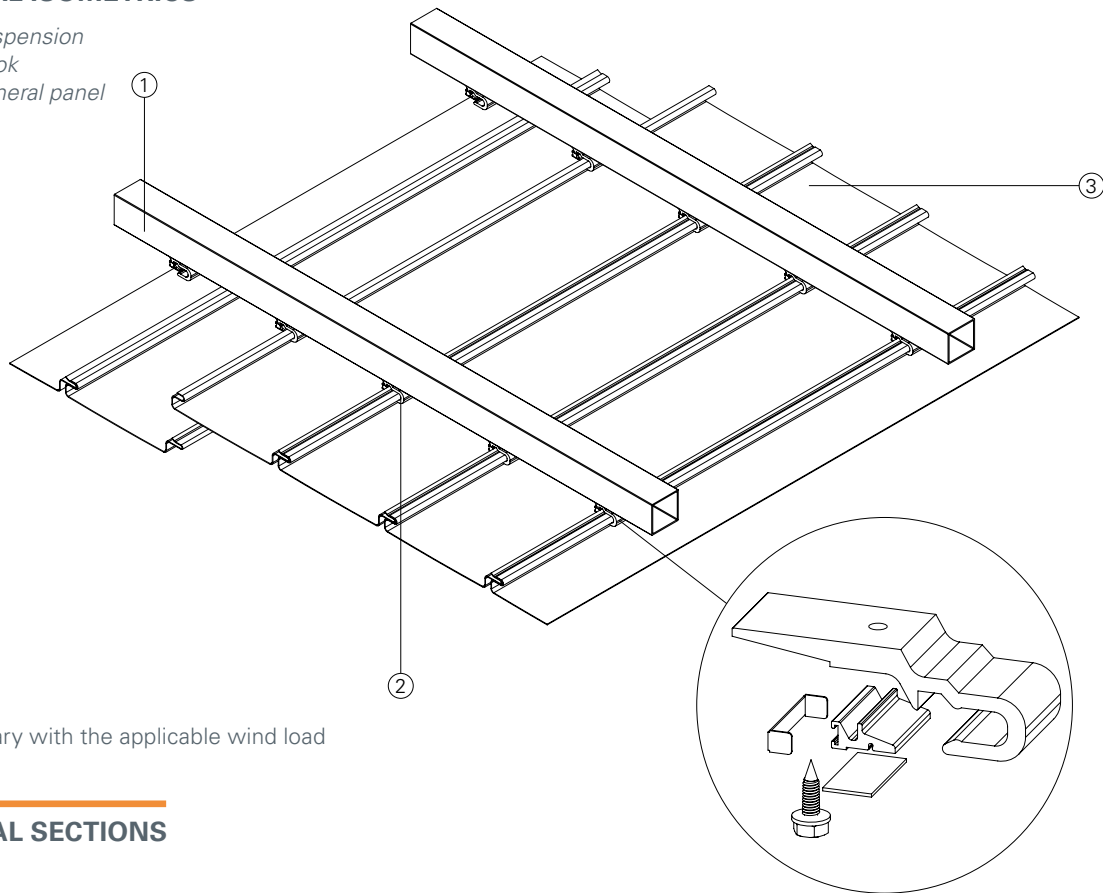
Project: Hong Kong-Zhuhai-Macao Bridge Zhuhai Port, Guangdong Province, China - Product: Linear 200F (High Wind Load Solution)
Architect: Huajian Group East China Architectural Design and Research Institute

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
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum
- Easy plenum access

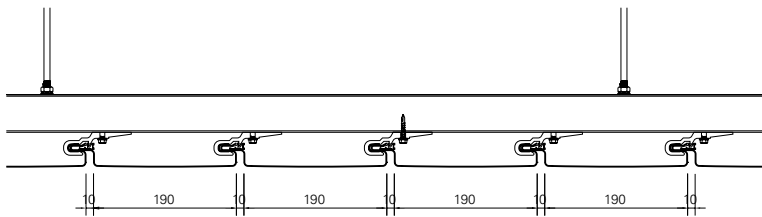
TYPICAL ISOMETRICS

- 1 = Suspension
2 = Hook
3 = General panel



Spans vary with the applicable wind load

TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Aluminium

Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
Class A2 according GB 8624

Light reflectance (LR) Coefficient:

- Varies with finish
- HD0260: LR = 0.81

Wind load: according EN 1991-1-4 and National Annexes

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+
- EPD: Available upon request
- Wind load resistance

COLOURS AND FINISHES

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PROTECTED BY LUXACOTE®

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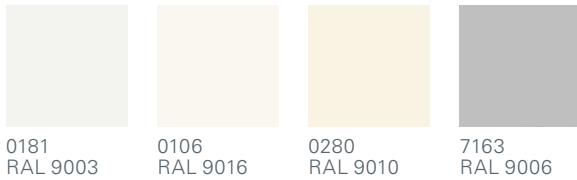
Unprecedented Protection



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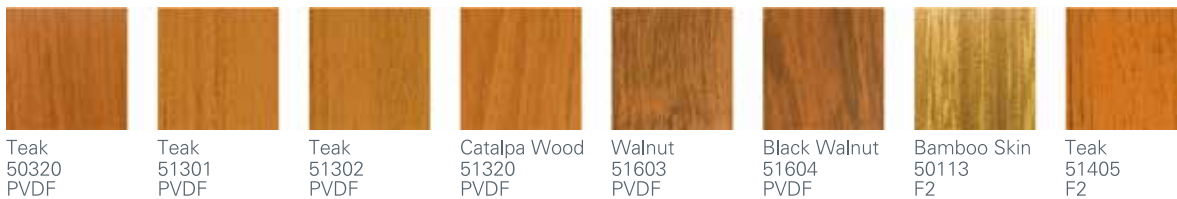
STANDARD PAINT COLOURS



CUSTOM COLOURS



PVDF & PVDF HYBRID (LUXACOTE F2 COATING)

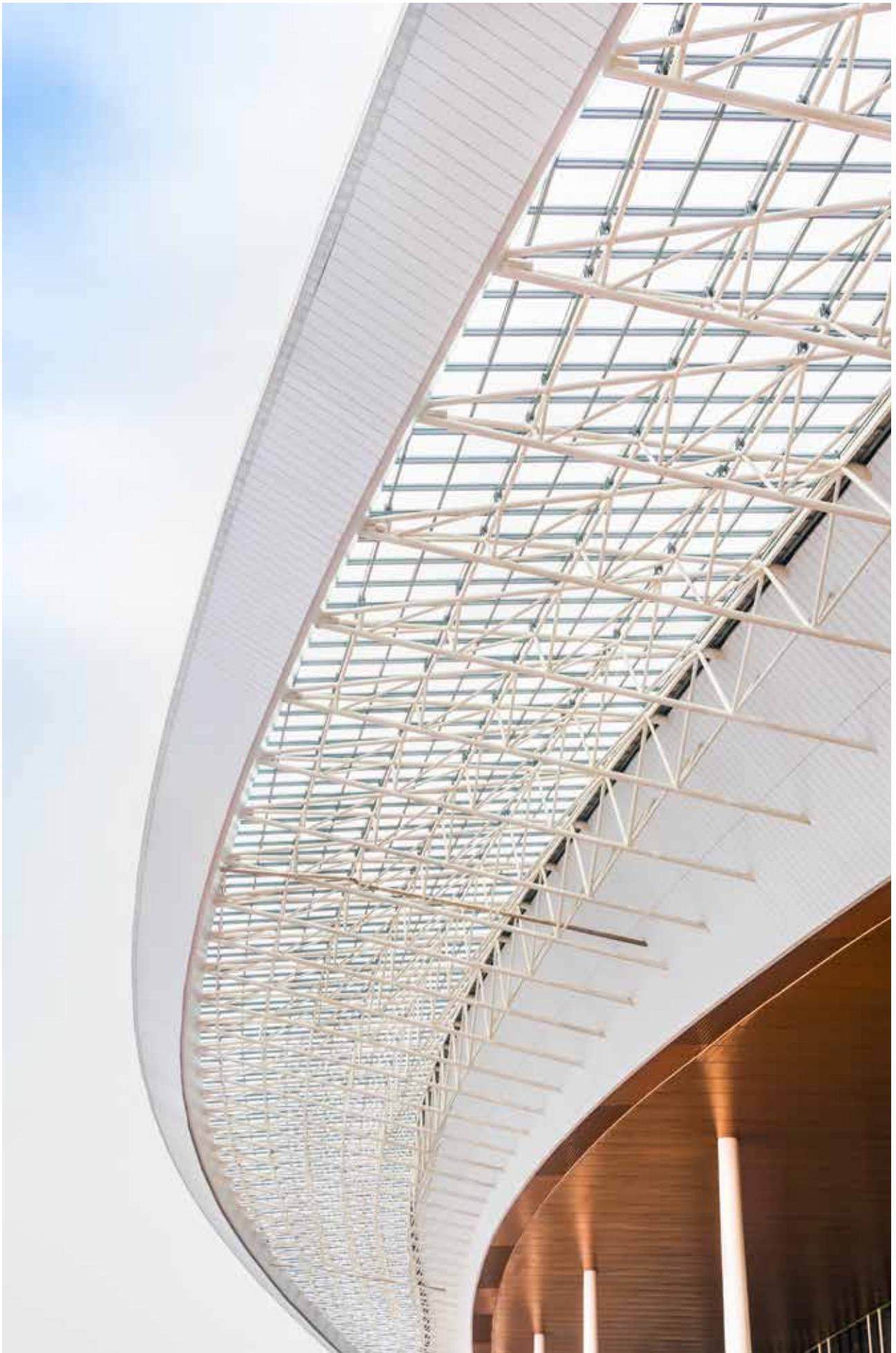


(For more wood grain finishes, see page 388.)

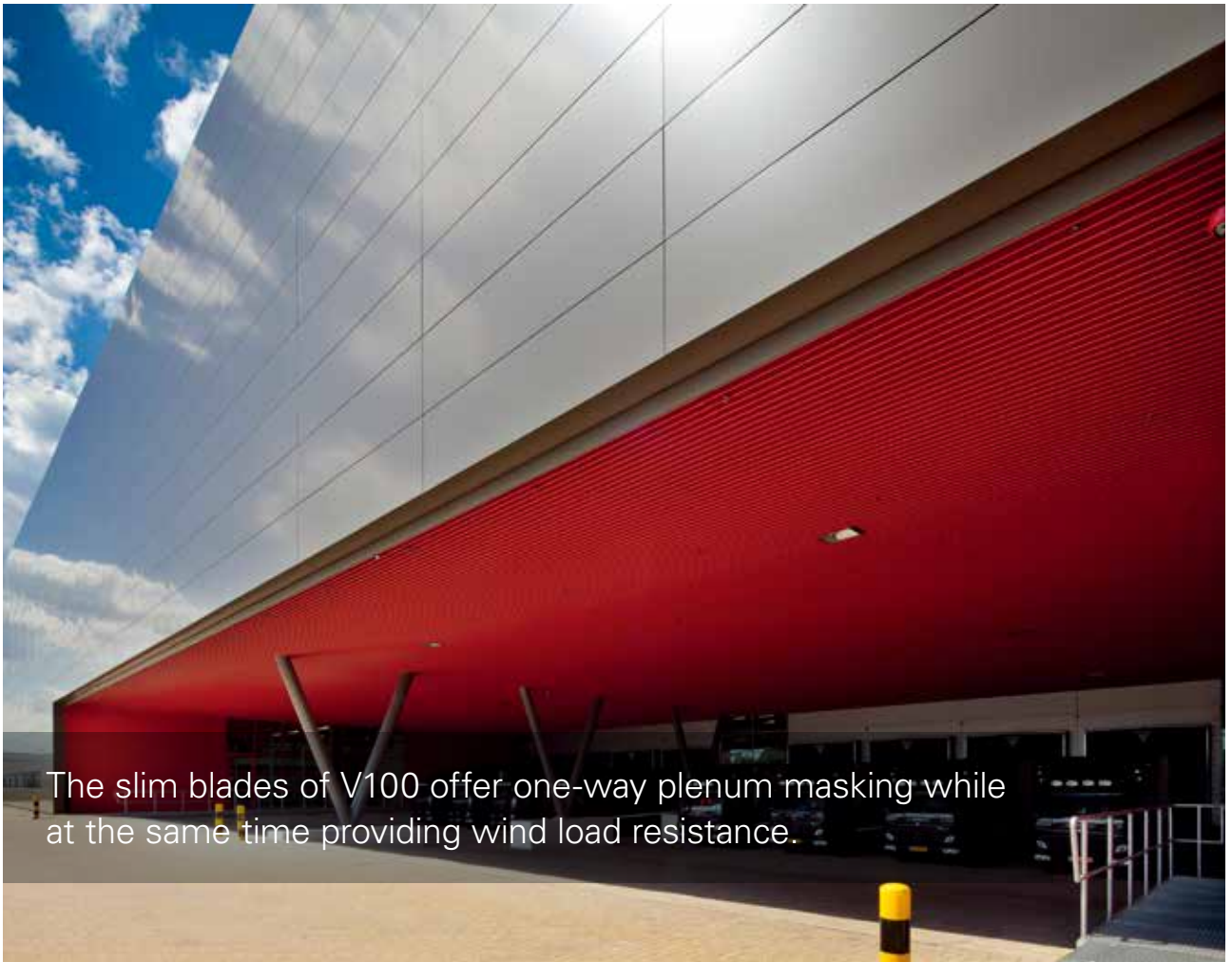
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Hong Kong-Zhuhai-Macao Bridge Zhuhai Port, Guangdong Province, China - Product: Linear 200F (High Wind Load Solution)
Architect: Huajian Group East China Architectural Design and Research Institute



The slim blades of V100 offer one-way plenum masking while at the same time providing wind load resistance.

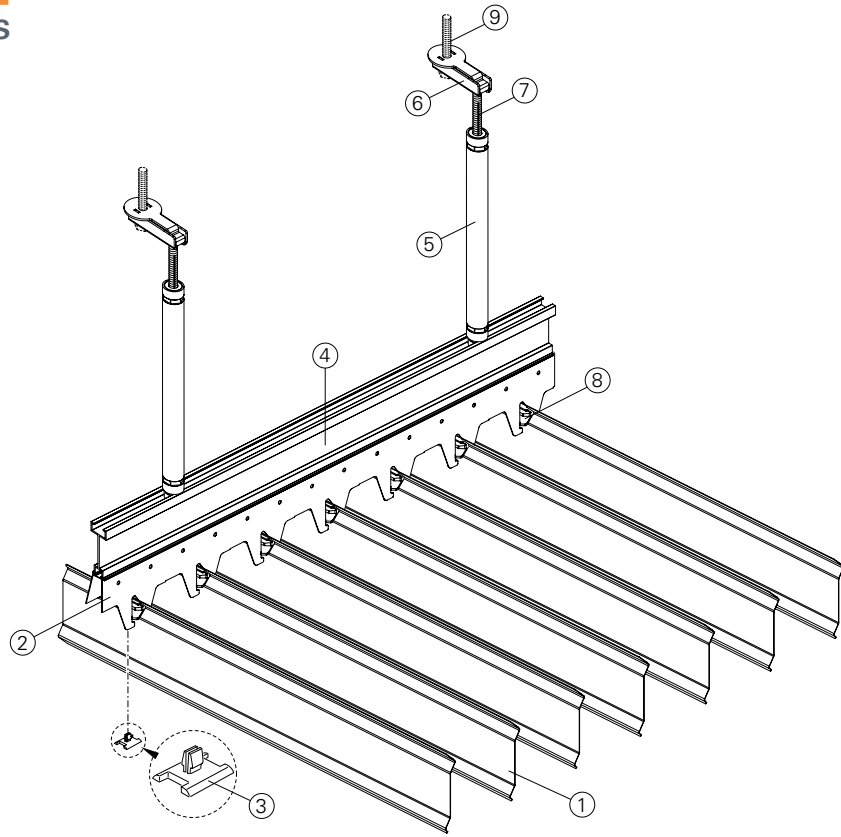
Project: Distributie Centrum, Tilburg, the Netherlands - Product: Baffles V100 - Architect: Jeroen Weijers, Van Oers Weijers Architecten

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

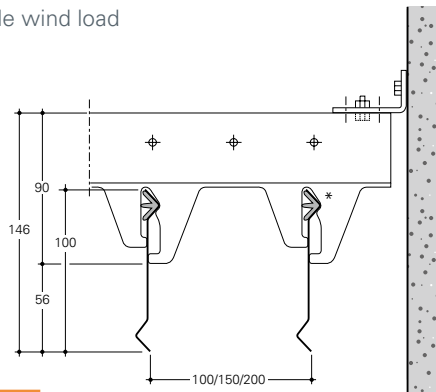
TYPICAL ISOMETRICS

- 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
Class A2 according GB 8624
- 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

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+
- EPD: Available upon request
- Wind load resistance

COLOURS AND FINISHES

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Unprecedented Protection



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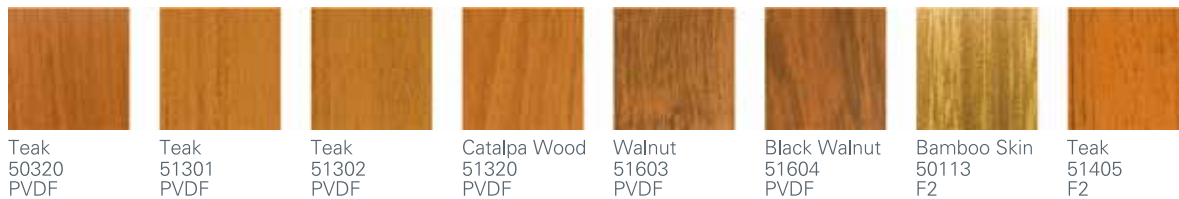
STANDARD LUXACOTE® PAINT COLOURS



CUSTOM COLOURS



PVDF & PVDF HYBRID (LUXACOTE F2 COATING)



(For more wood grain finishes, see page 388.)

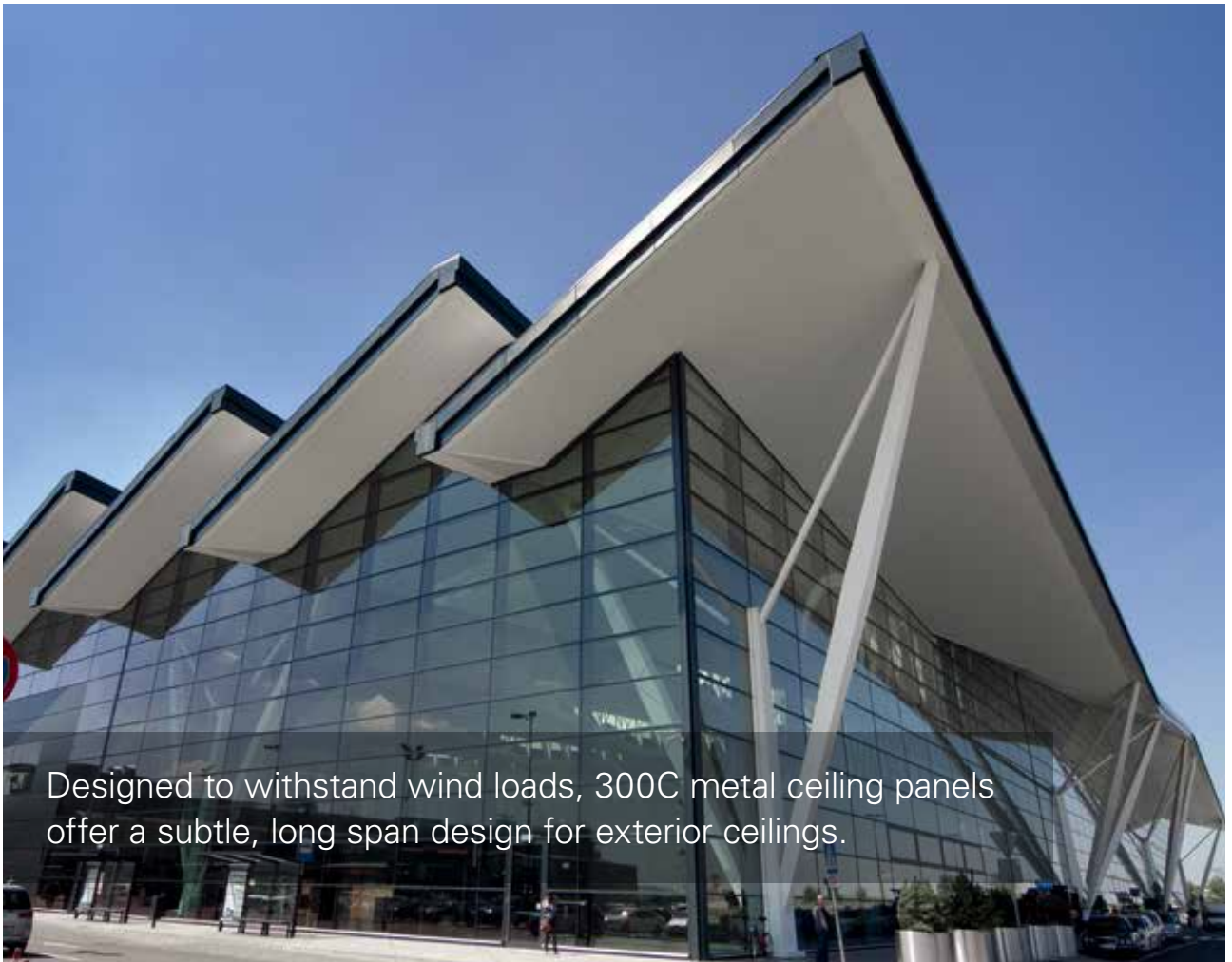
STAINLESS STEEL OPTIONS

Object shows reflectivity of finish





Project: Distributie Centrum, Tilburg, the Netherlands - Product: Baffles V100 - Architect: Jeroen Weijers, Van Oers Weijers Architecten



Designed to withstand wind loads, 300C metal ceiling panels offer a subtle, long span design for exterior ceilings.

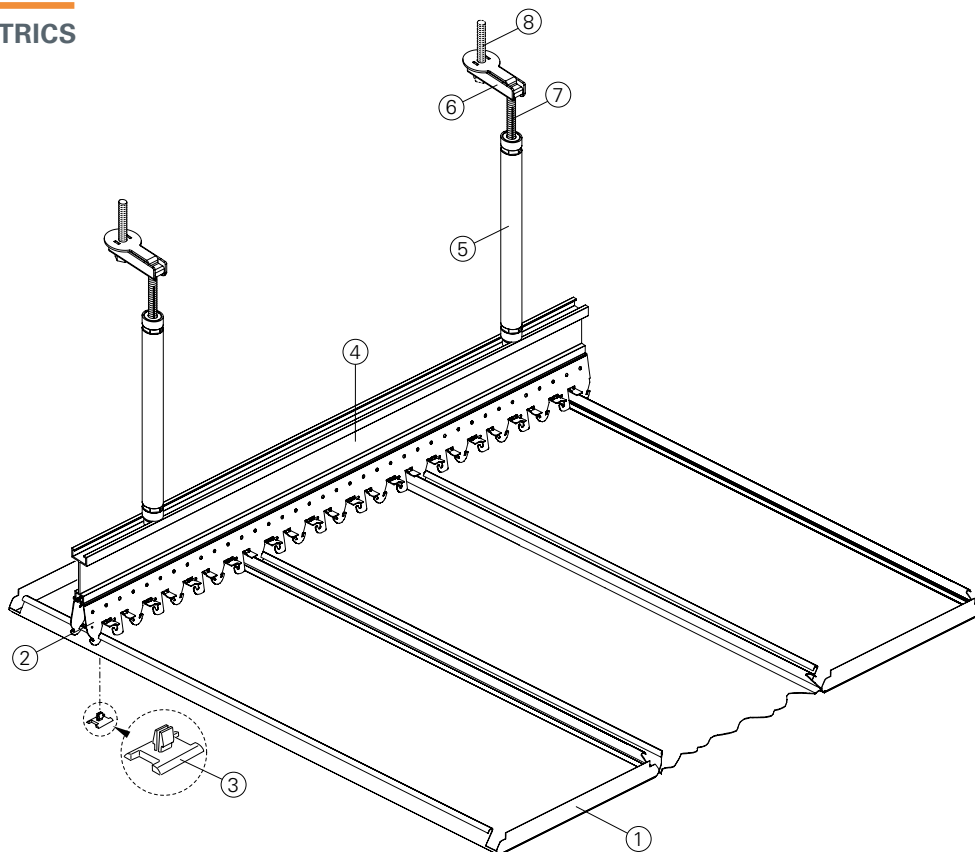
Project: Terminal at Gdansk Lech Walesa Airport, Gdansk, Poland - Product: Wide Panel 300C Exterior Ceiling - Architect: JSK Architekci Sp z o.o.

KEY FEATURES

- Panel width 300 mm
- Panel length: 1000 mm up to 6000 mm
- Bevel-edge design (300C) and square edge design
- 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

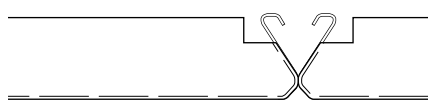
TYPICAL ISOMETRICS

- 1 = 300C 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

PERFORATION PATTERNS



Plain

PHYSICAL DATA

Substrate: Aluminium

Fire rating: Class A2,s1,d0 (all versions) according EN 13501-1
Class A2 according GB 8624

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

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+

EPD: Available upon request

Wind load resistance

COLOURS AND FINISHES

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PROTECTED BY LUXACOTE®

Luxacote® is a unique treatment for Luxalon® Exterior Ceilings.

Unprecedented Protection

LUXACOTE®
for exterior application

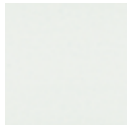
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STANDARD LUXACOTE® PAINT COLOURS



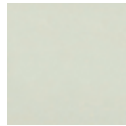
0260
RAL 9010



0401
RAL 9016



1660
RAL 7015



7035
RAL 9007



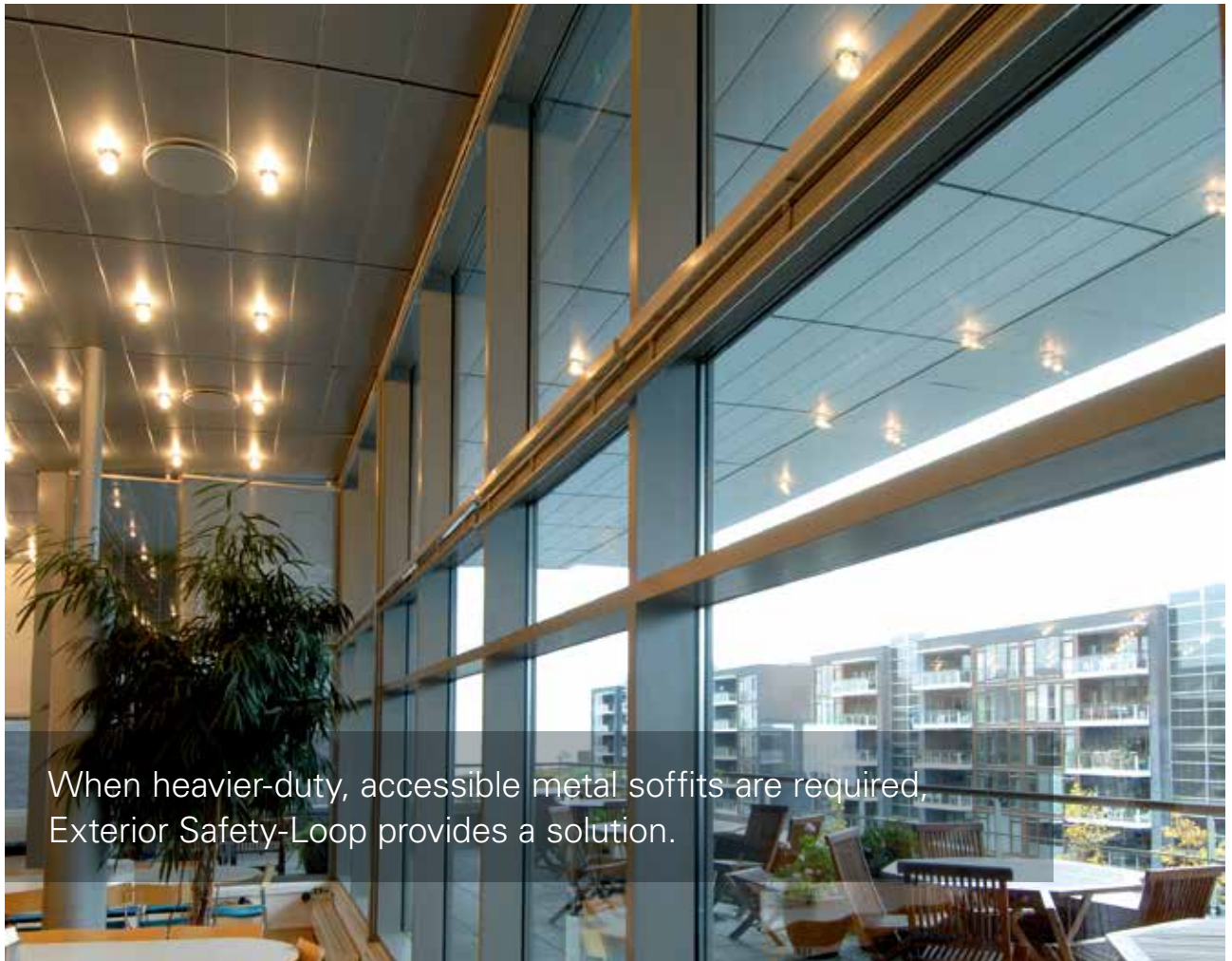
7080
RAL 9006

CUSTOM COLOURS





Project: Red Apple, Rotterdam, The Netherlands - Product: Wide Panel 300C Exterior Ceiling - Architect: KCAP Architecten & Planners



When heavier-duty, accessible metal soffits are required, Exterior Safety-Loop provides a solution.

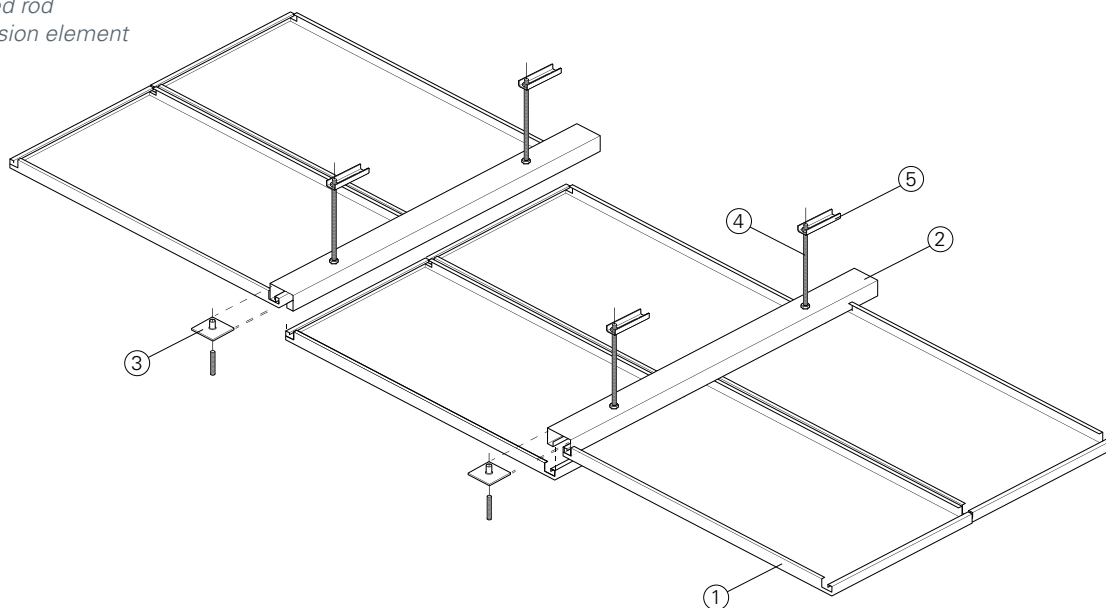
Project: PA Consult C&H, Copenhagen, Denmark - Product: Planks Safety-Loop - Architect: Perlt&Black a/s C&H

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

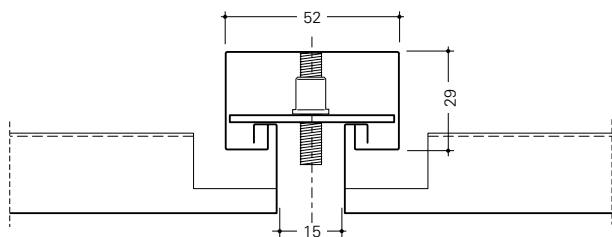
TYPICAL ISOMETRICS

- 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
Class A2 according GB 8624
- 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

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+
- 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.

STANDARD PAINT COLOURS



0260 RAL 9010 0401 RAL 9016 1660 RAL 7015 7035 RAL 9007 7080 RAL 9006

CUSTOM COLOURS



PVDF & PVDF HYBRID (LUXACOTE F2 COATING)



Teak 50320 PVDF Teak 51301 PVDF Teak 51302 PVDF Catalpa Wood 51320 PVDF Walnut 51603 PVDF Black Walnut 51604 PVDF Bamboo Skin 50113 F2 Teak 51405 F2

(For more wood grain finishes, see page 388.)

STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin 7772C #4 Brushed 7774C BA Bright 7776C #8 Mirror 7778C



Project: PA Consult C&H, Copenhagen, Denmark - Product: Planks Safety-Loop - Architect: Perlt&Black a/s C&H





Project: Nanjing Lukou International Airport Terminal 2, China
Product: 30mm Honeycomb Panels, 200 Wide Linear Panels



Project: NHL Hogeschool, Leeuwarden, The Netherlands
Product: Veneered Wood Wall and Ceiling Tiles, Okoume veneer
Architect: Herman Hertzberger

WALL SYSTEMS

With a 50 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: Wall systems



Project: Amity University, Dubai, United Arab Emirates
Architect: IR Design
Product: Veneered Wood Ceiling and Wall tiles, Cherry



Project: eclipsLife, Amstelveen, The Netherlands
 Architect: M3 Interieur
 Product: HeartFelt® Linear Wall systems

WALL SYSTEMS

HEARTFELT® LINEAR 320

SOLID WOOD GRILL AND LINEAR 324

VENEERED WOOD GRILL AND LINEAR 328

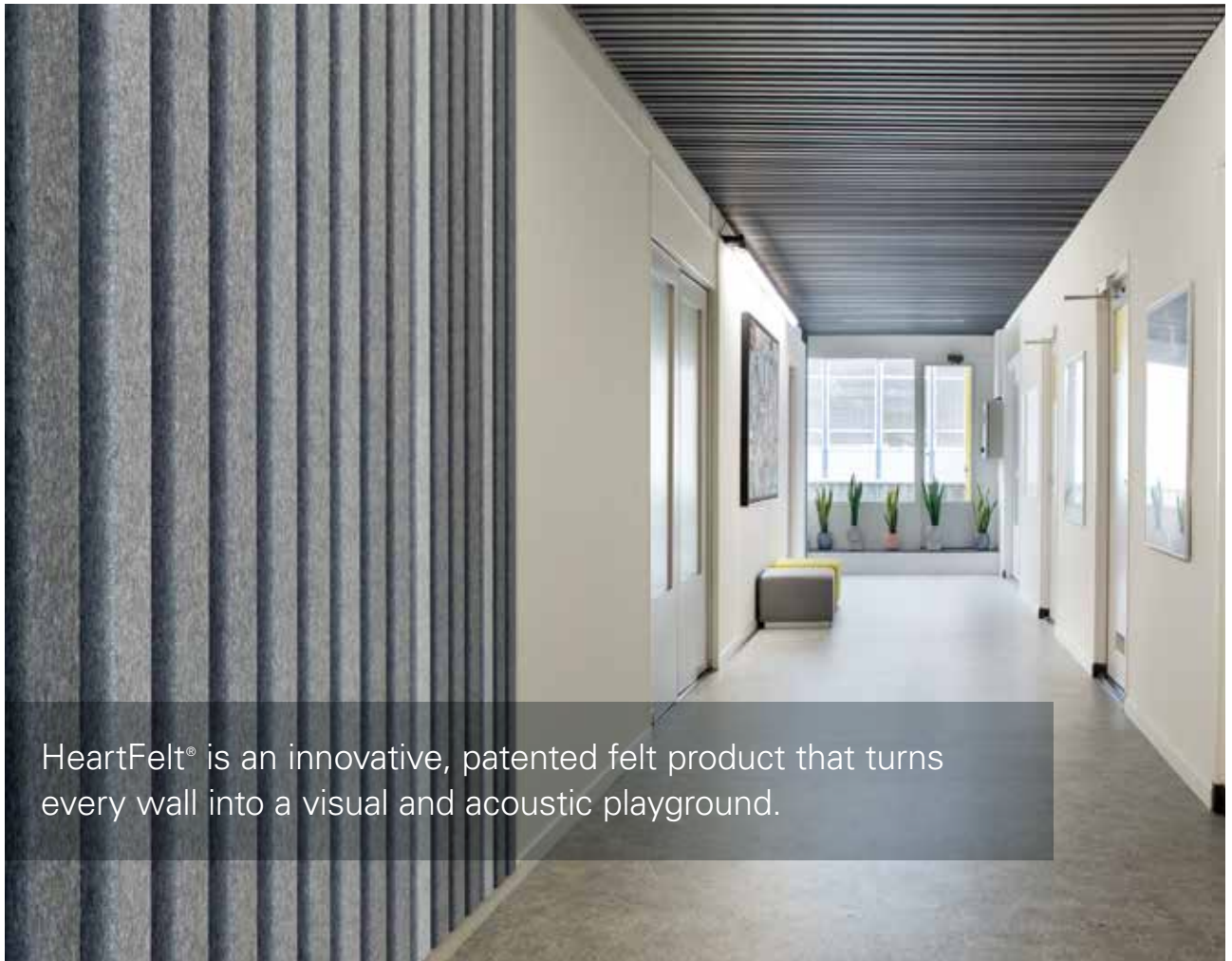
VENEERED WOOD TILES AND TOPLINE® 332

METAL CORRUGATED WALL 338

METAL HIW 342

METAL CERAMIC COATED SINGLE_SKIN PANEL 346

METAL LINEAR CLADDING 350



HeartFelt® is an innovative, patented felt product that turns every wall into a visual and acoustic playground.

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

KEY FEATURES

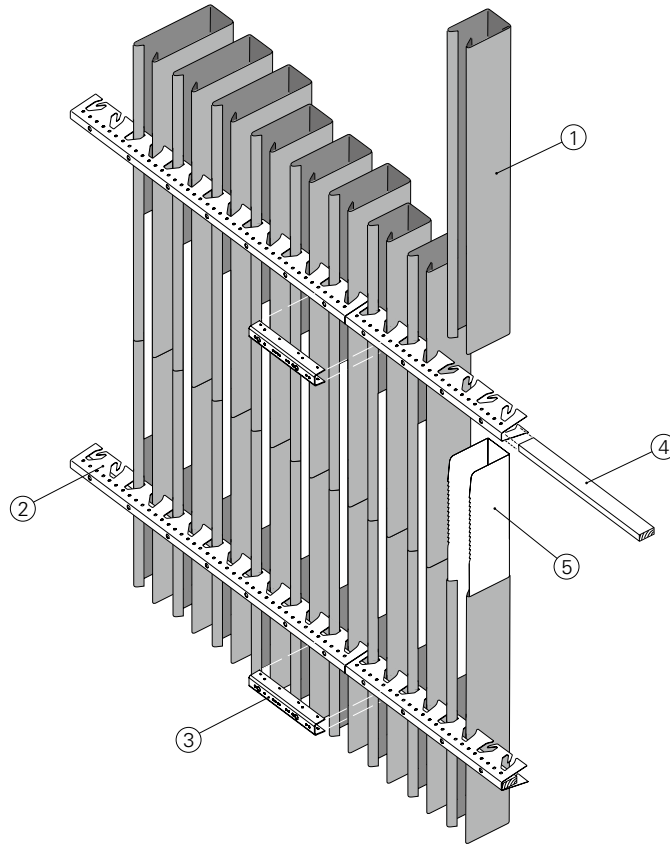
- Modular wall system with felt panels
- Panel dimensions 40 x 55 mm
- Panel length 1000 to 6000 mm
- Six standard carrier modules to vary reveal (M50-M100) for acoustics and aesthetics
- Easy wall cavity access
- Interior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



reddot award 2017
best of the best

TYPICAL ISOMETRICS

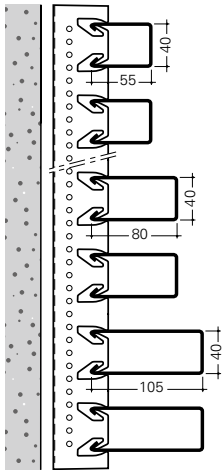
- 1 = Panel
- 2 = Carrier
- 3 = Carrier splice
- 4 = Locking profile
- 5 = Panel Splice



Maximum panel span 1200 mm,
maximum panel cantilever 150 mm

maximum carrier span 1500 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 Bronze
 Oekotex Standard 100 Class IV
 SundaHus Miljödata Class A

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

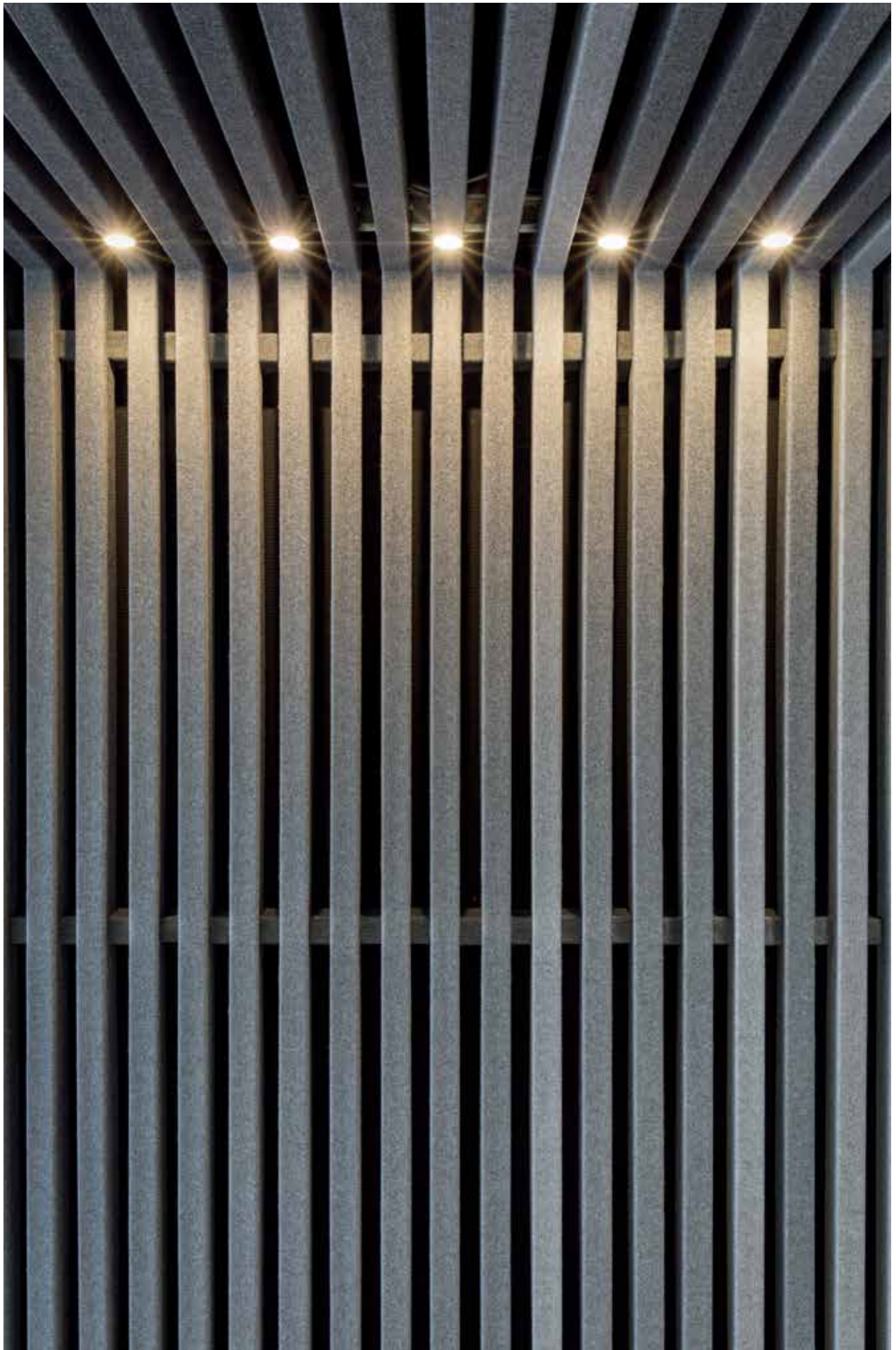
Dark Brown
7578

Umber
7579

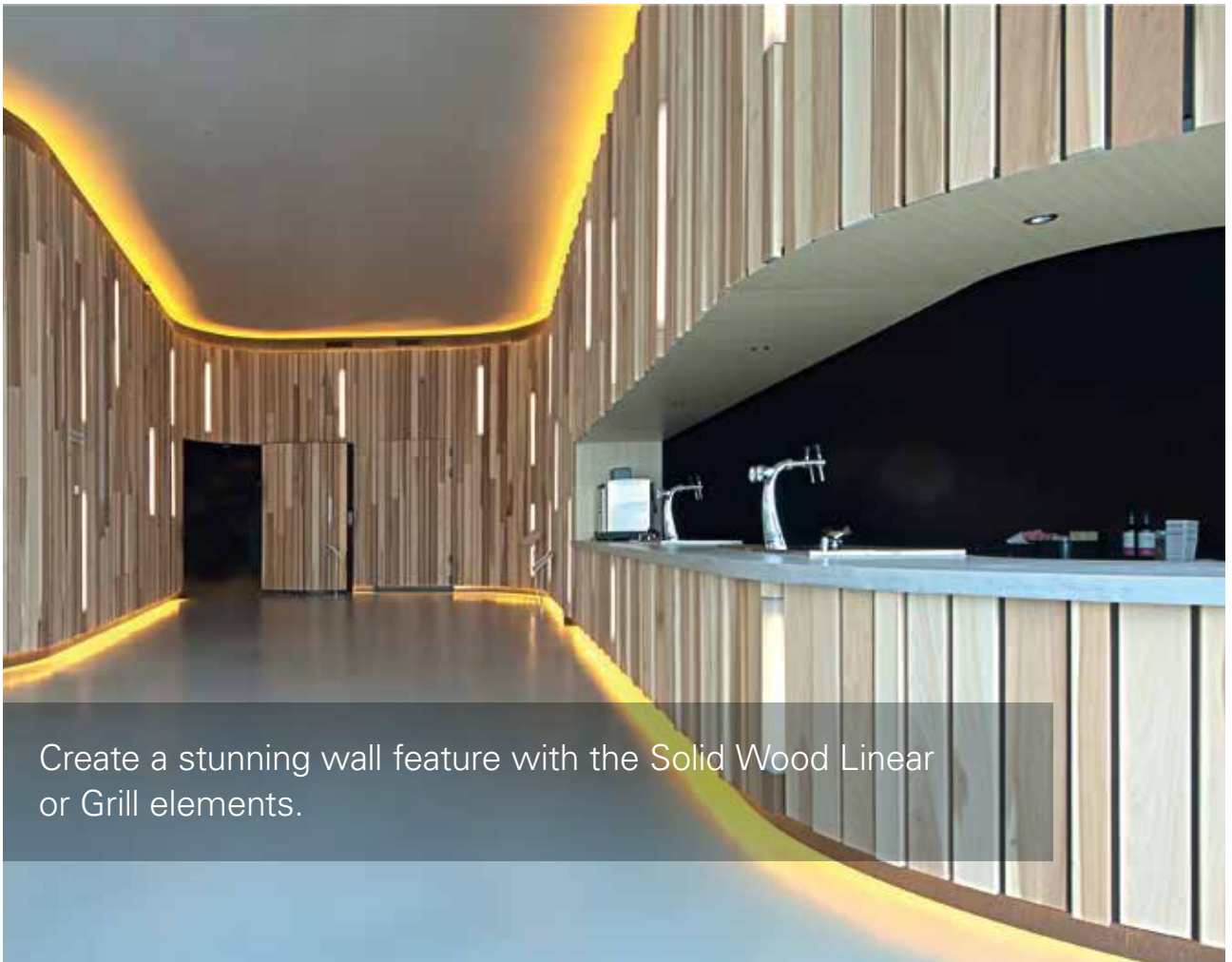
ACOUSTICAL RATINGS - α_w

Module (mm)	Joints (mm)	Openness %	α_w
M50*	10	20%	1.00 (H)
M50	10	20%	0.70 (H)
M60	20	33%	0.65 (H)
M70	30	43%	0.60 (H)
M80	40	50%	0.50 (H)
M90	50	55%	0.45 (H)
M100	60	60%	0.45 (H)

*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.

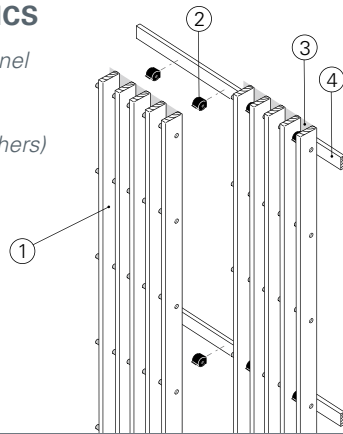
Project: Theatre and Arts Center de Kom, Nieuwegein, The Netherlands - Product: Solid Wood Linear Wall in multiple dimensions, American Yellow Poplar - Architect: de Architekten Cie.

KEY FEATURES

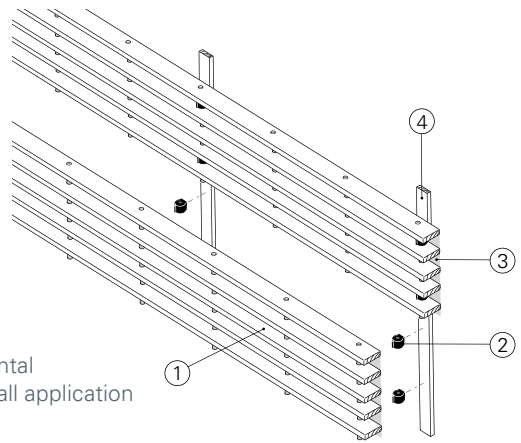
- Interior applications
- Various Grill dimensions:
Width: 20 mm
Lengths up to 2500 mm
Height: 35 - 120 mm
Joint width: 25 - 150 mm
- Various Linear dimensions:
Width: 63 - 68 - 70 - 83 - 92 - 110 - 116 mm
Lengths up to 2500 mm
Thickness: 15 mm
Joint width: 12 - 13 - 15 - 19 mm
- Variety of 20+ wood 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

TYPICAL ISOMETRICS

- 1 = Solid Wood Grill panel
- 2 = Wall clip
- 3 = Acoustic tissue
- 4 = Substructure (by others)

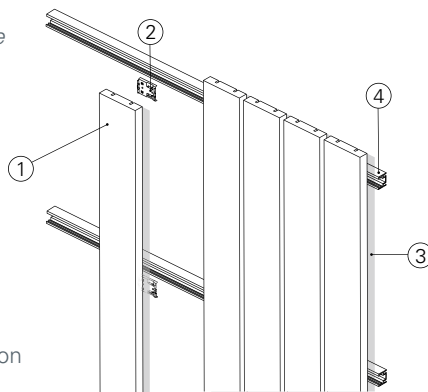


Vertical Grill wall application

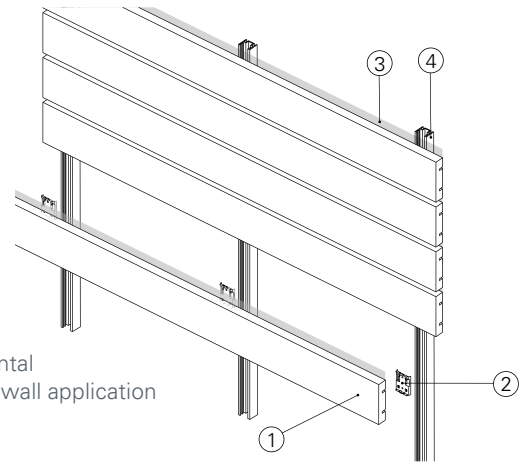


Horizontal Grill wall application

- 1 = Solid Wood Linear panel
- 2 = Wall clip
- 3 = Acoustic tissue
- 4 = SLR profile

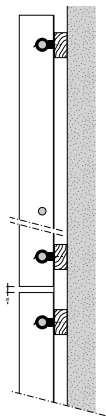


Vertical Linear wall application

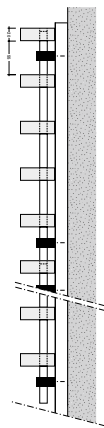


Horizontal Linear wall application

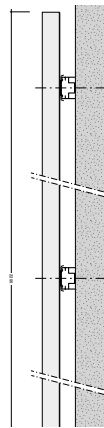
TYPICAL SECTIONS



Vertical Grill wall application



Horizontal Grill wall application



Vertical Linear wall application



Horizontal Linear wall application

PHYSICAL DATA

Fire rating: B-s2,d0 (according to 13501-1),
depending on wood specie and treatment
Acoustic ratings: α_w 0.30 - 0.50
(according to ISO 11654). See page 393
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



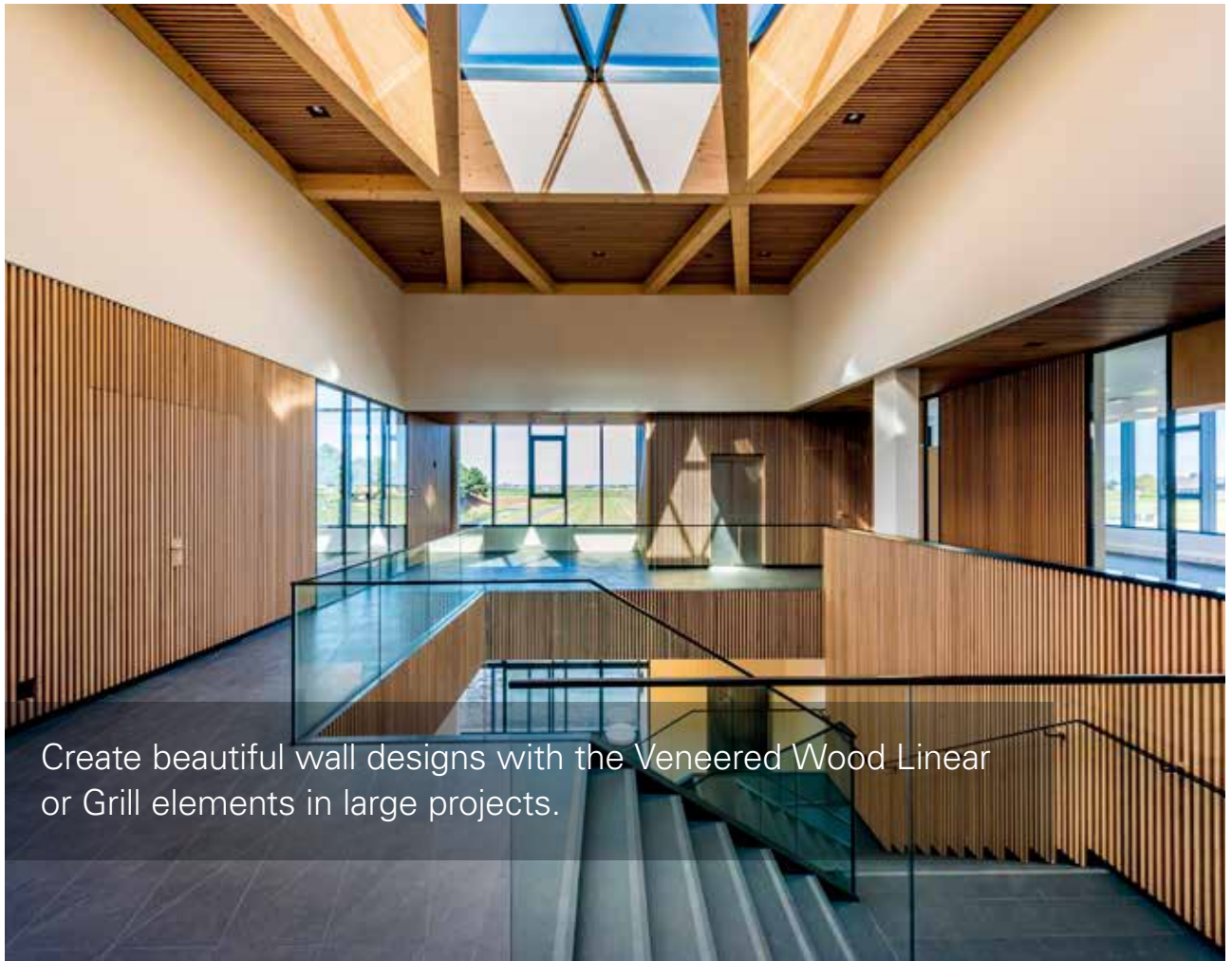
Bamboo SP Caramel



Bamboo DT Caramel



Project: NAC, Houthalen-Helchteren, Belgium - Product: Solid Wood Grill, FSC American Red Oak - Architect: Holistic Architecture 5015



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

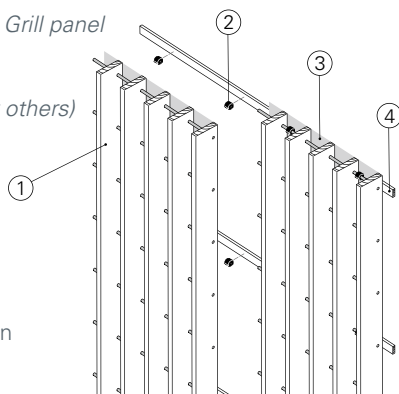
Project: De Keukenhof, Lisse, The Netherlands - Product: Veneered Wood Grill, European Oak - Architect: Mecano Architects

KEY FEATURES

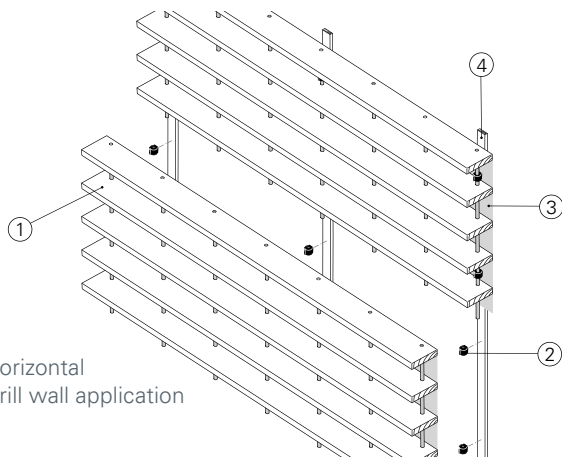
- Interior applications
- Various Grill dimensions:
Width: 17 - 20 - 26 - 31 mm
Lengths up to 2700 mm
Height: 65 - 150 mm
Joint width: 50 - 150 mm
- Various Linear dimensions:
Width: 65 - 90 - 120 - 150 - 200 - 230 mm
Lengths up to 2700 mm
Thickness: 17 or 20 mm
Joint width: 5 - 10 - 15 - 20 - 30 mm
- Available as pre-assembled elements or 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

TYPICAL ISOMETRICS

- 1 = Veneered Wood Grill panel
- 2 = Wall clip
- 3 = Acoustic tissue
- 4 = Substructure (by others)

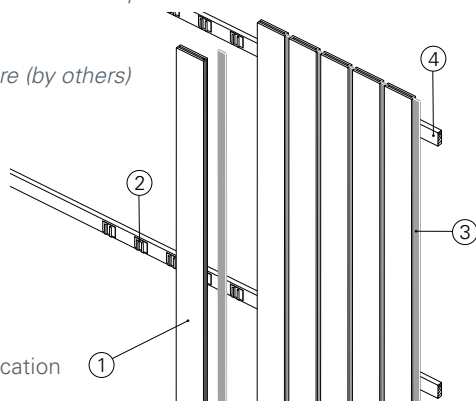


Vertical Grill wall application

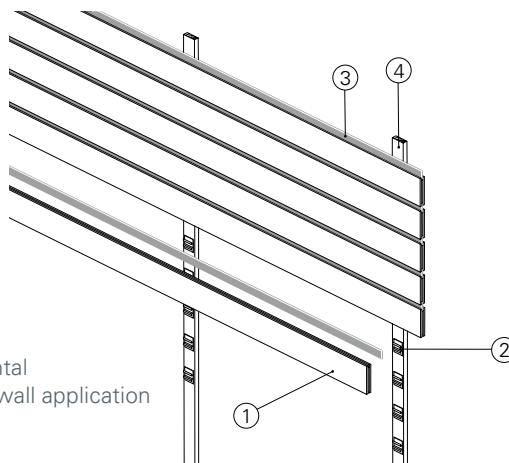


Horizontal Grill wall application

- 1 = Veneered Wood Linear panel
- 2 = Wall clip
- 3 = Joint filling
- 4 = Substructure (by others)

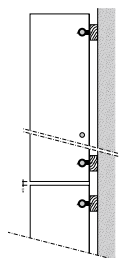


Vertical Linear wall application

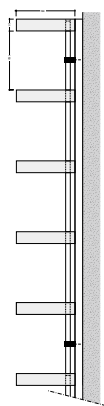


Horizontal Linear wall application

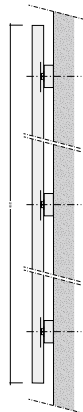
TYPICAL SECTIONS



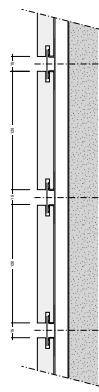
Vertical Grill wall application



Horizontal Grill wall application



Vertical Linear wall application



Horizontal Linear wall application

PHYSICAL DATA

Acoustic rating: α_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 types shows all the characteristics and intrinsic patterns of the tree, caused by the natural influences during his lifetime, making each veneer unique.



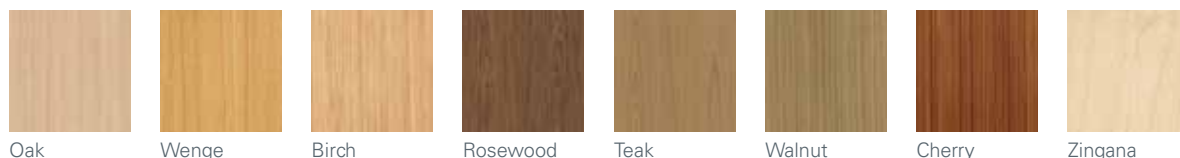
ORGANIC DYED VENEERS

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.



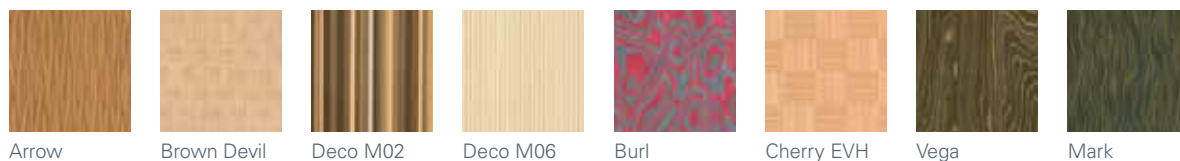
SPECIALS

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

Banana trunk veneers



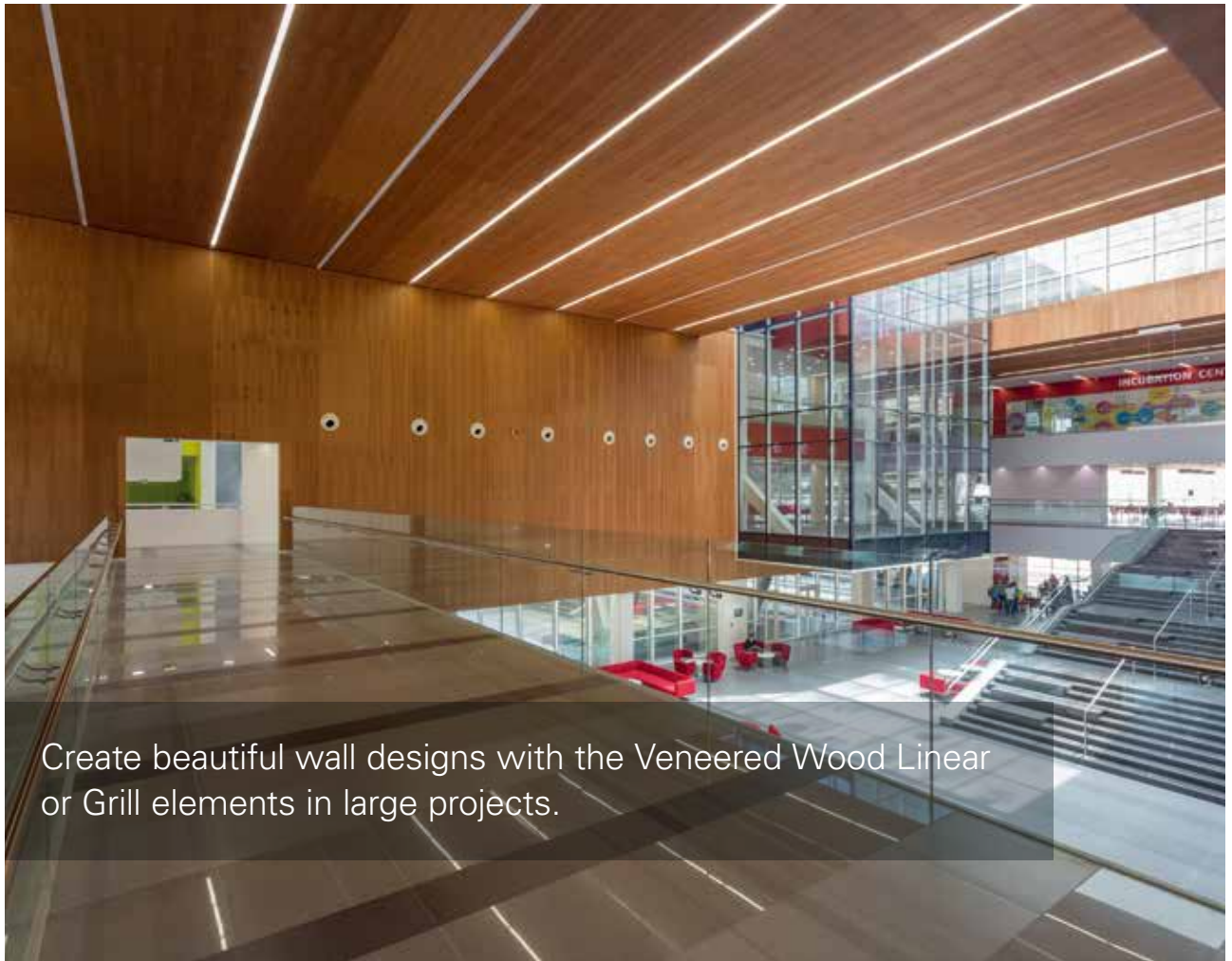
Engineered special veneers



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



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 Linear or Grill elements in large projects.

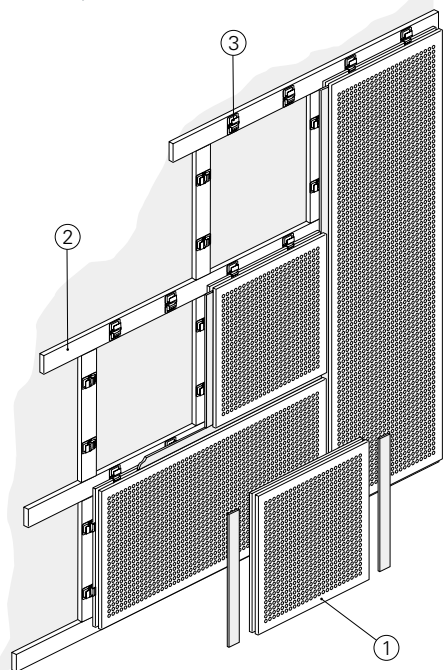
Project: Amity University Dubai, UAE - Product: Veneered Wood Ceiling and Wall Topline®, American Cherry, Nano perforation - Architect: cannondesign

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

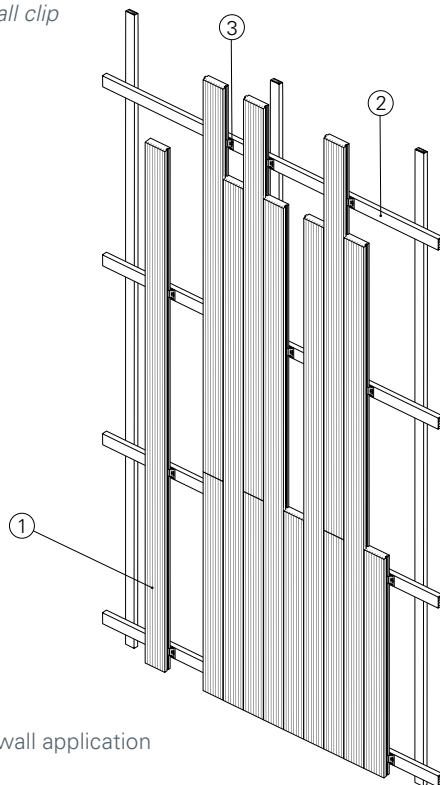
TYPICAL ISOMETRICS

- 1 = Veneered Wood Tile
- 2 = Wooden substructure (by others)
- 3 = Wall clip



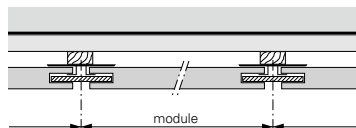
Tiles wall application

- 1 = Topline® Panel
- 2 = Wooden substructure (by others)
- 3 = Wall clip

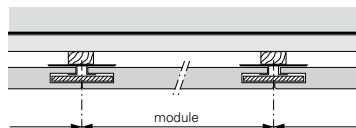


Topline wall application

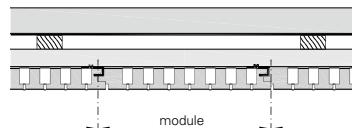
TYPICAL SECTIONS



Standard Tiles / Linear



Trend Tiles



Topline®

PHYSICAL DATA

depending on wood specie and treatment
 Acoustic rating: up to α_w 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

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 Ash BF050 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.



Project: Arcus College Heerlen, The Netherlands - Product: Topline® TTA 28/4 RAL wit - Architect: IAA Architecten



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





Durable wall system but with appealing corrugated surface texture.

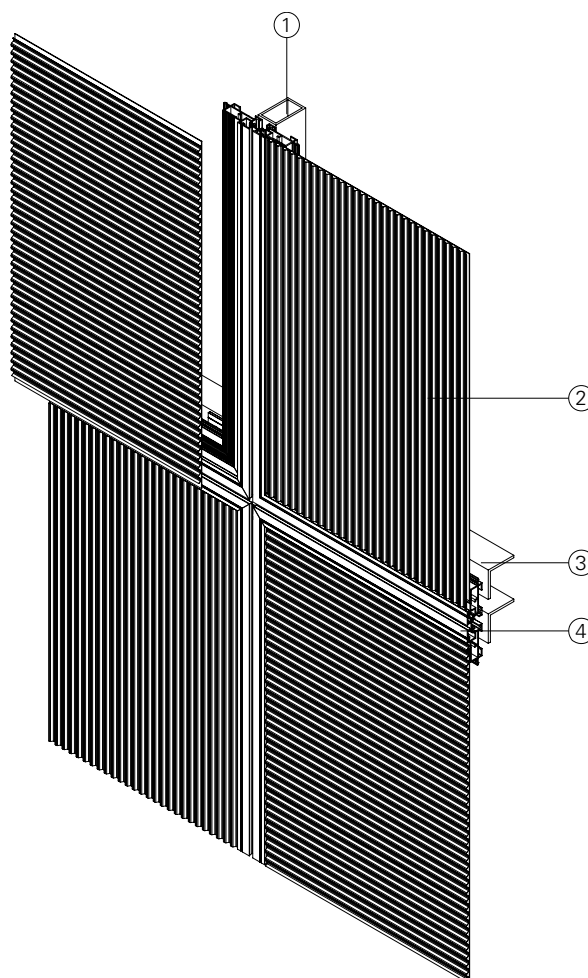
Project: Hunter Douglas Shanghai Factory, China - Product: Corrugated Wall

KEY FEATURES

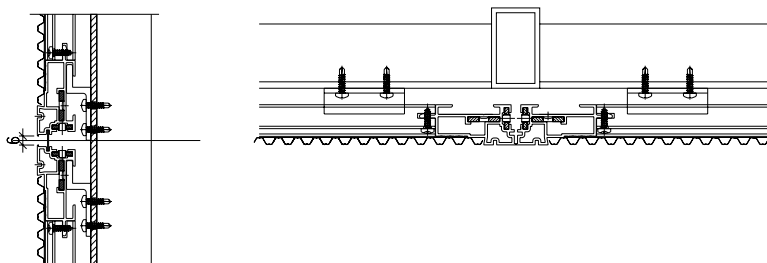
- The max of a single metal plate 1000 x 3000mm
- Corrugated core style can be combined in any combination of horizontal and vertical
- Customizable processing, compound molding in the factory, reducing the workload on the construction site
- The plate is light in weight and has a small load on the support structure
- Easy to install, each piece can be removed and replaced at will

TYPICAL ISOMETRICS

- 1 = Substructure
2 = Corrugated wall
3 = Wall clip
4 = Profile



TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Aluminium

Fire rating: Class A1 according EN 13501-1
Class A2 according GB 8624

Light reflectance (LR) Coefficient:

- Varies with finish
- RAL9010: LR = 0.81

Acoustic ratings: α_w 0.55-1.00: See page 393

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
- EPD: Available upon request

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.

STANDARD PAINT COLOURS

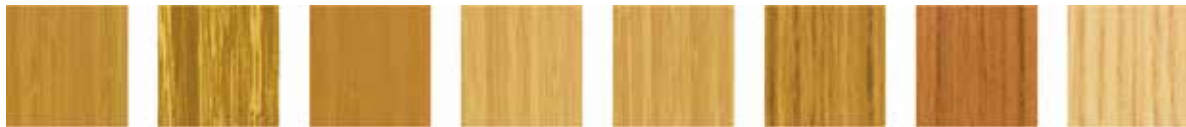


0181 RAL 9003	0106 RAL 9016	0280 RAL 9010	7163 RAL 9006
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CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain	Bamboo Skin 50108 Woodgrain	Bamboo Skin 50159 Woodgrain	Bamboo Skin 50163 Woodgrain	Bamboo Skin 50170 Woodgrain	Zebra Wood 50202 Woodgrain	Pear Wood 50203 Woodgrain	Pear Wood 50207 Woodgrain
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(For more wood grain finishes, see page 388.)



Project: Hunter Douglas Shanghai Factory, China - Product: Corrugated Wall



The highly adaptable panels can be fixed to almost any substructure and are suitable for both exterior and interior application.

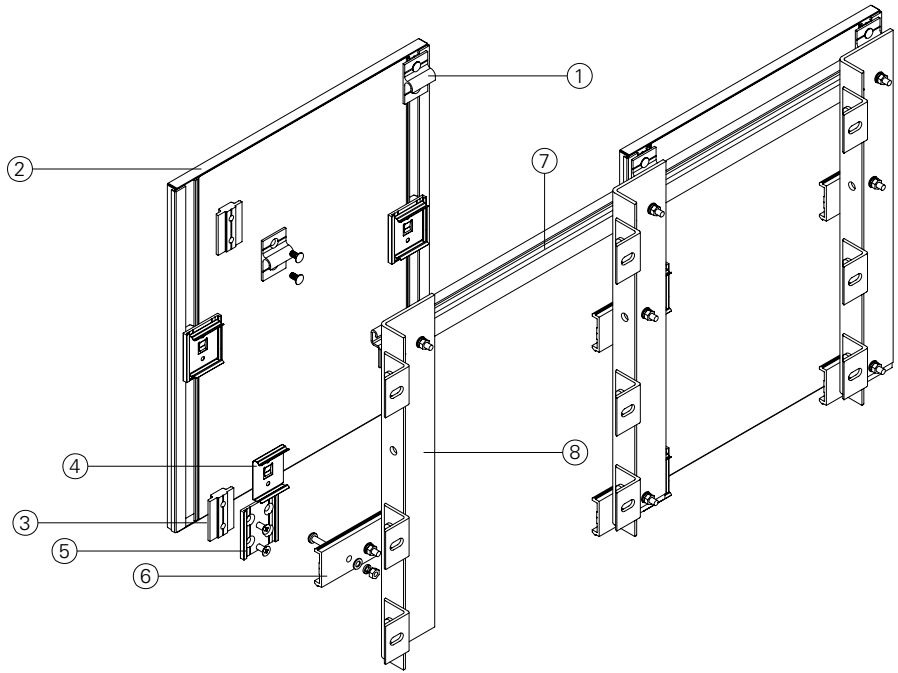
Project: Hangzhou International Expo Center, China - Product: Honeycomb Internal Wall (HIW)

KEY FEATURES

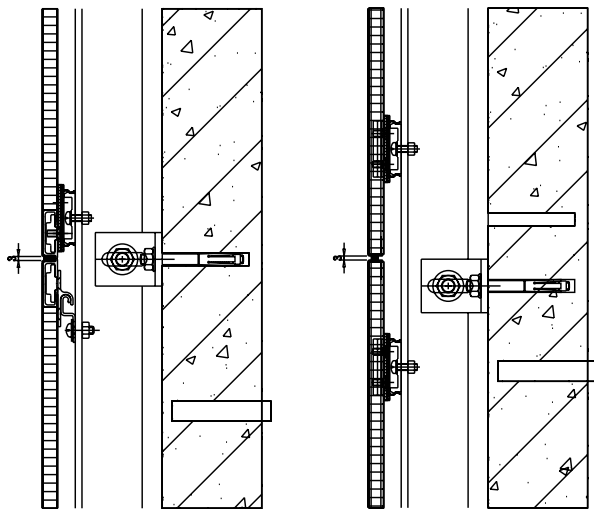
- 4-sides-closed cassette-looking honeycomb panels
- Max. width 1500 mm, length up to 12000 mm possible (depending on the joint)
- Wide range of the thicknesses available - 6 mm / 8 mm / 10 mm / 12 mm / 15 mm / 25 mm / 36 mm / 50 mm & others
- Extremely flat surfaces
- Coil coated finishes (anodized, copper, zinc and stainless steel optional)
- Multiple sides fixing possible
- Can be fixed to any structure (concrete block work, brickwork, aluminum extrusion or steelwork)
- Panels can be cranked, curved or special shapes available on request

TYPICAL ISOMETRICS

- 1 = Hook
- 2 = Honeycomb panel
- 3 = Base bracket
- 4 = Spring clip
- 5 = Spring clip mounting bracket
- 6 = Fixed buckle
- 7 = Suspension beam
- 8 = Carrier



TYPICAL SECTIONS



Non-woven acoustic fleece

Perforated aluminium back skin

Adhesive film

Aluminium honeycomb

Adhesive film

Micro perforated aluminium front skin



Honeycomb aluminium core

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 part temperature cured mm

Weight: Varies 6.5 - 13.3 kg/m²

Acoustic rating: α_w 0.75: See page 393

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

CUSTOM COLOURS



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 Wengè Titzinc Futura Carbon Zoom Perforated Metal

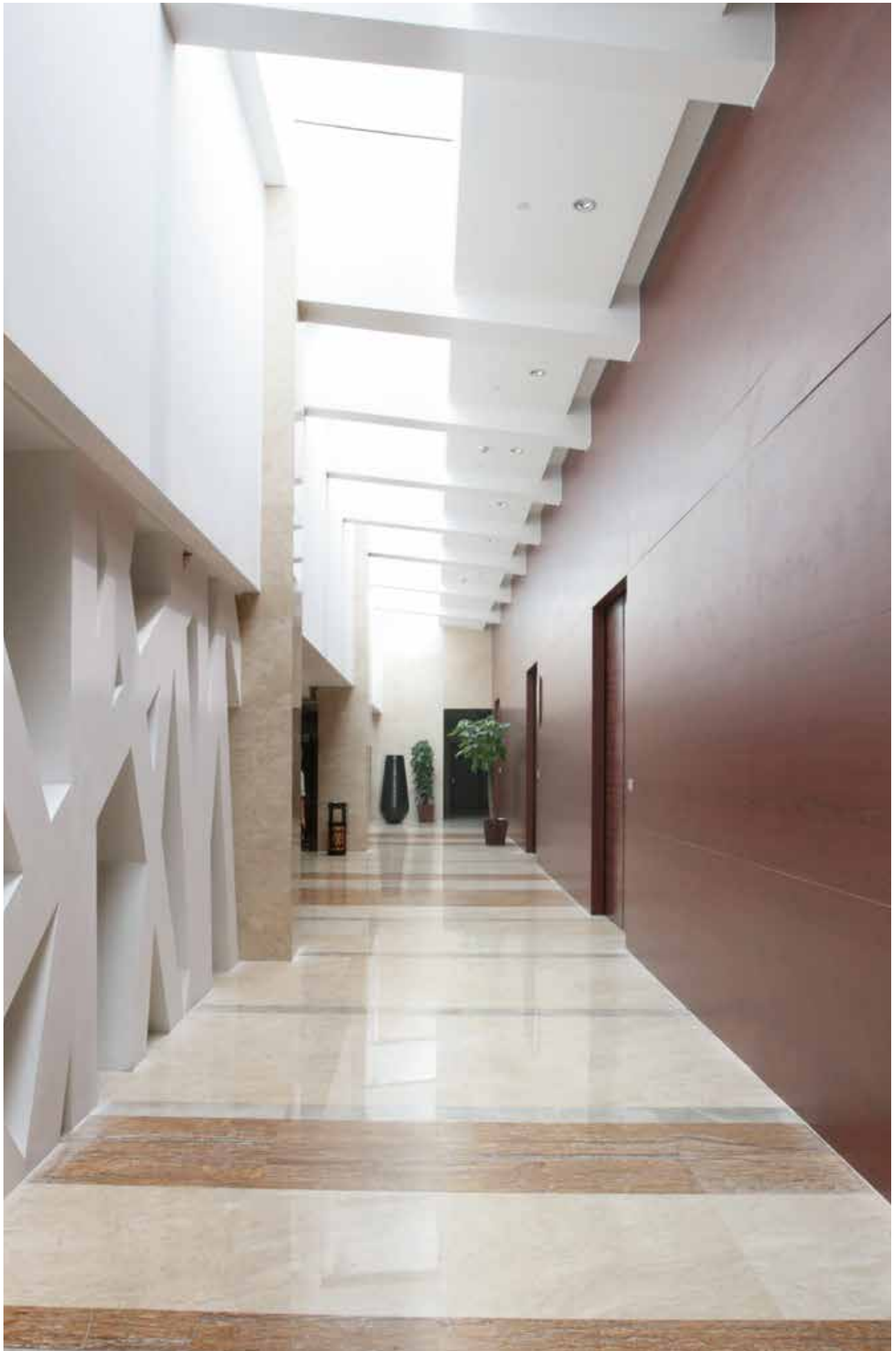
Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity. Colours are available in different gloss units as well as high gloss and matt finishes.

POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

(For more wood grain finishes, see page 388.)



Project: Jinanyuan Boyuan Resort Hotel, China - Product: Honeycomb Internal Wall (HIW) - Architect: Beijing Honggao Building Decoration Engineering Co., Ltd.



Outstanding performance single skin wall panel on scratch and impact proof by superior ceramic coating hardness.

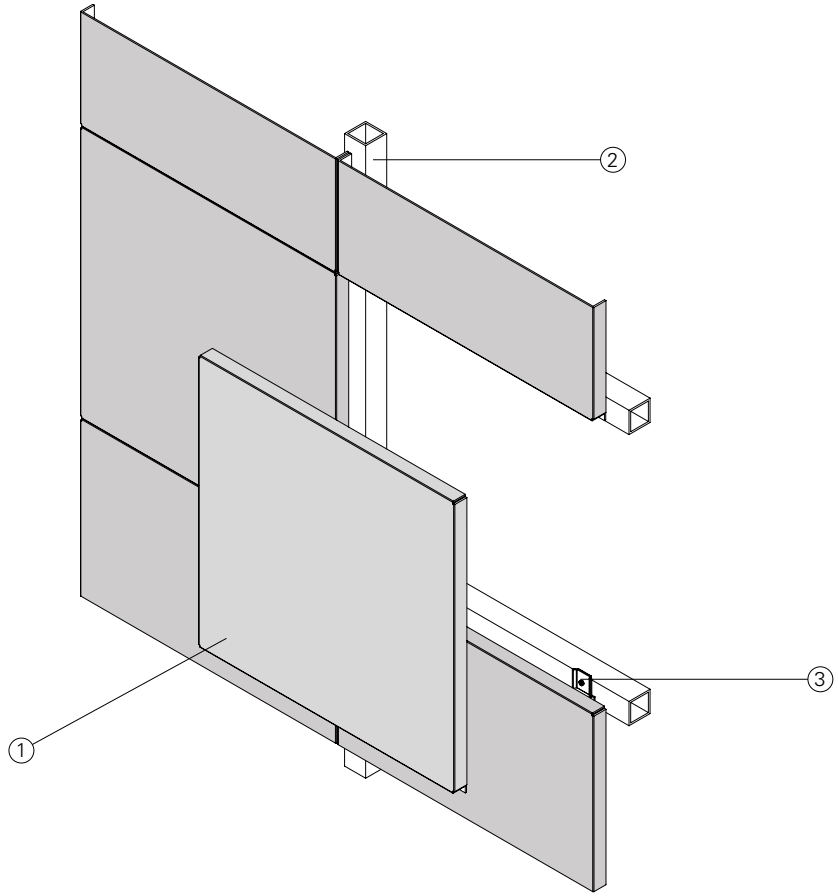
Project: Kunming Subway, China - Product: Ceramic Coating Wall

KEY FEATURES

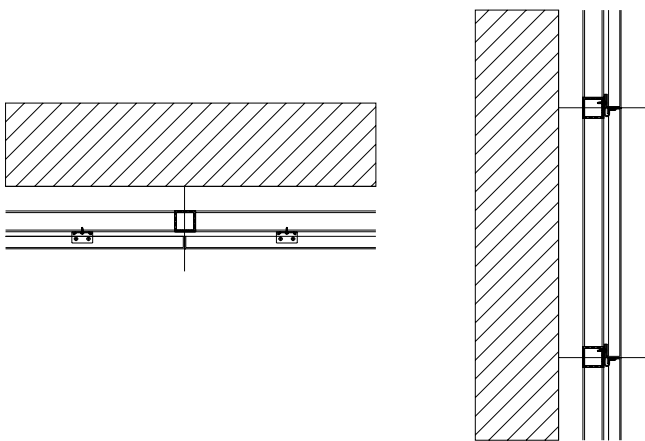
- Maximum aluminum panel up to 800 x 2,500 mm in 2.0 mm thick
- Longer panels available upon request
- 15 mm nominal joint width
- Unique patented mounting system with individually demountable panel and quick installation
- The coating material uses water as solvent and inorganic material as primer and are considered a non-toxic, healthy and green coating finishes.
- As a kind of semi-permanent material, it features strong resistance to weather and corrosion and will not fade due to UV, acid rain, automobile exhaust or air pollution.
- The coat hardness is $\geq 7H$, featuring high hardness and resistance to scratch.
- The coat has high compactness and excellent resistance to soiling and self-cleaning performance and can always keep building appearance clean and tidy.

TYPICAL ISOMETRICS

- 1 = General panel
- 2 = Substructure
- 3 = Wall bracket



TYPICAL SECTIONS



PHYSICAL DATA

- Substrate: Aluminium
- Fire rating: Class A1 according GB 8624
- Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81

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

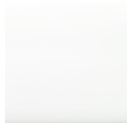
CERTIFICATIONS

- ISO 9001
- ISO 14001
- TAIM Certified
- French VOC Regulation: Class A+
- EPD: Available upon request

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.

SOLID COLOURS



Traffic
White



Stone
Grey



Anthracite
Grey



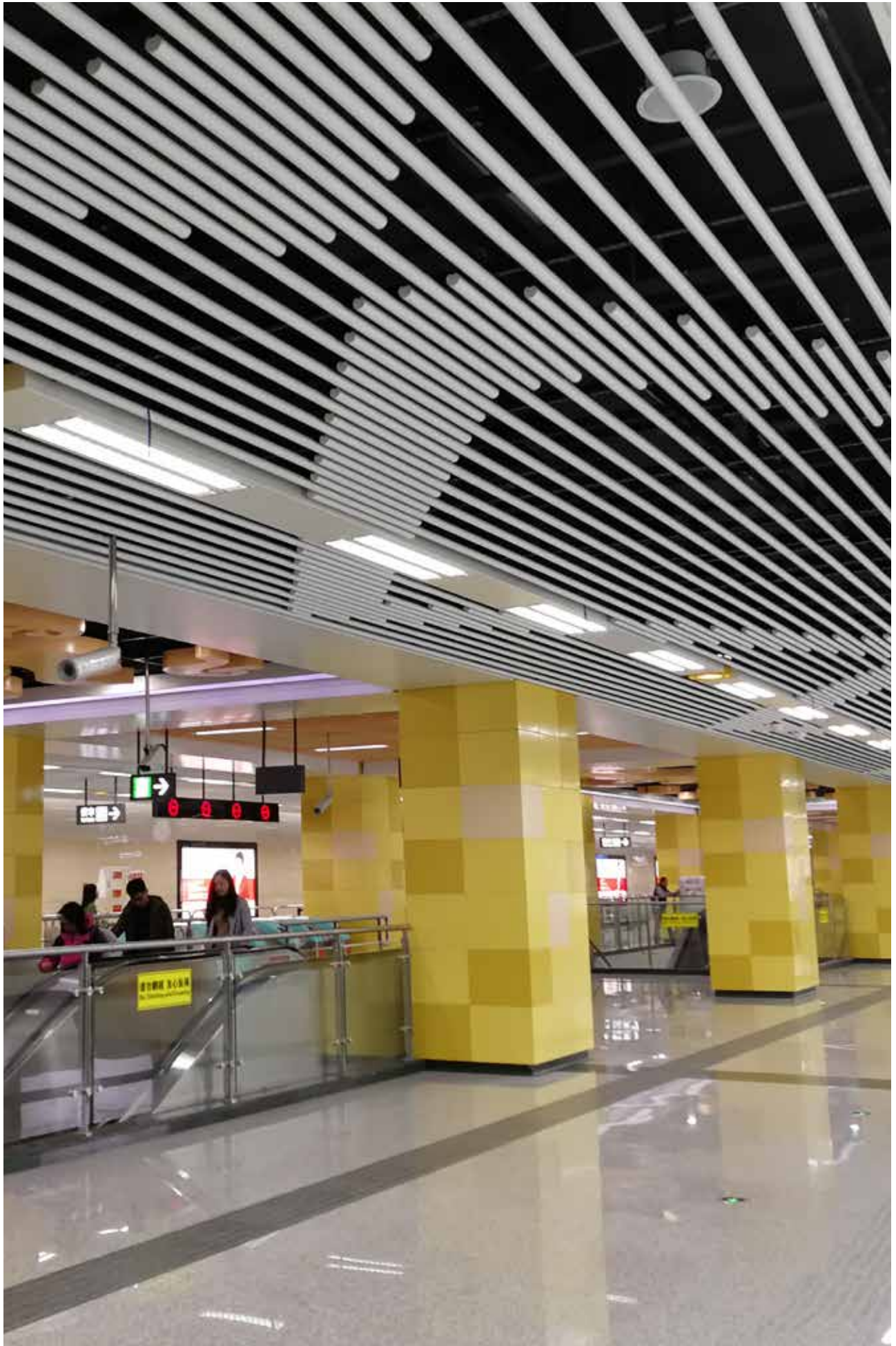
Marine
Blue



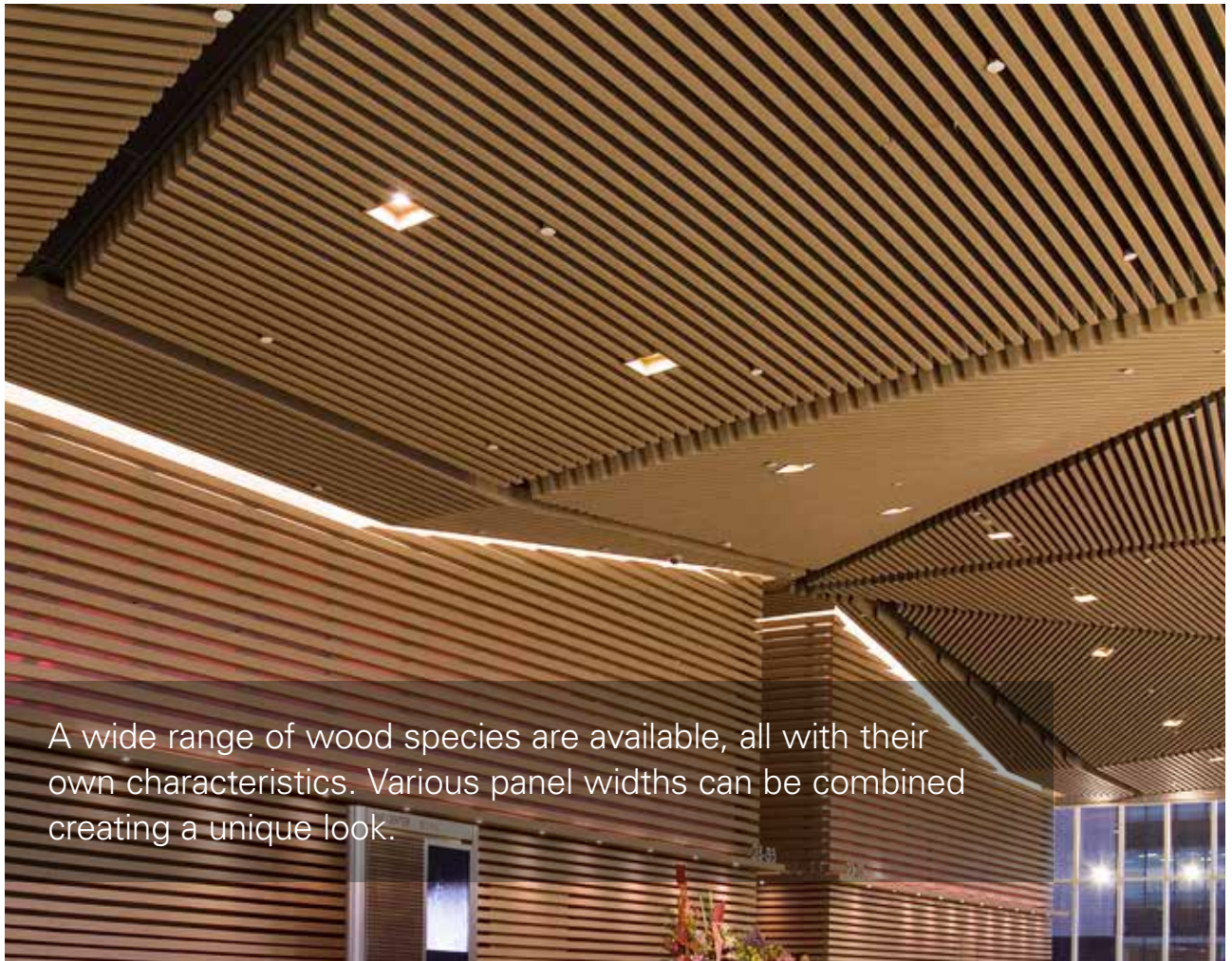
Neutron
Red

CUSTOM COLOURS





Project: Chengdu Subway, China - Product: Ceramic Coating Wall



A wide range of wood species are available, all with their own characteristics. Various panel widths can be combined creating a unique look.

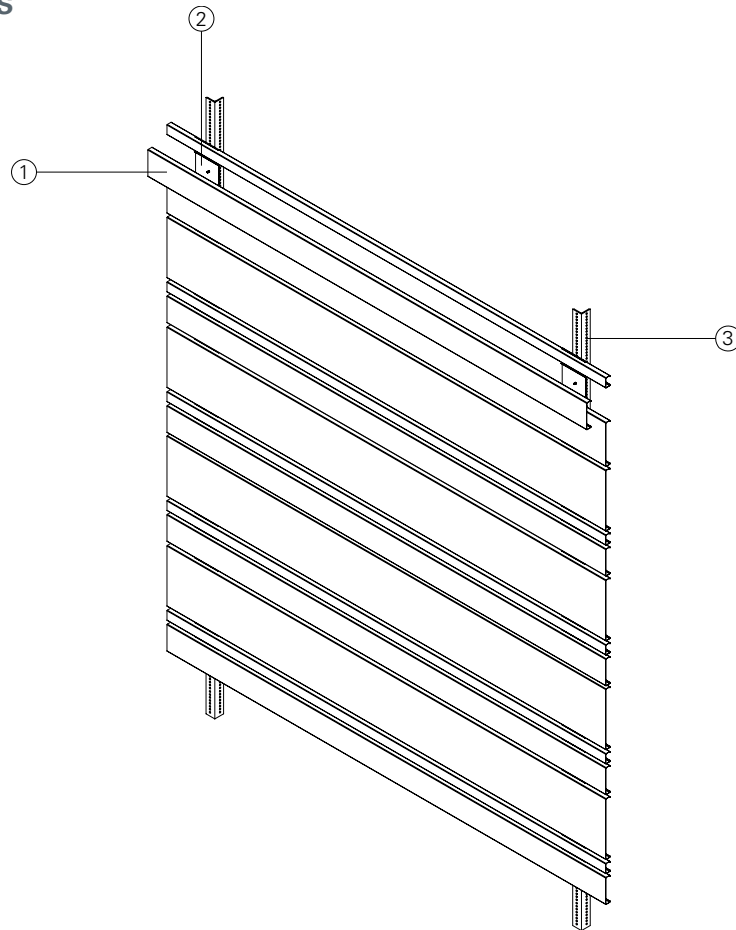
Project: Guangzhou R&F Center Building, China - Product: Linear Cladding - Architect: Kaida Global Co., Ltd.

KEY FEATURES

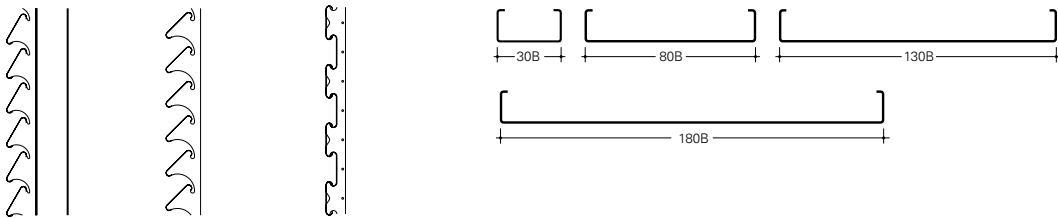
- Environmentally friendly
- Durable solution
- A made-to-measure solution, minimizing installation time and site adjustments
- Acoustic performance up to α_w 0.70 (without optional acoustic mat)
- All-natural and sustainable wooden ceiling or wall solution with FSC/PEFC certification
- Curved solutions possible by using a special carrier or CNC cutting.

TYPICAL ISOMETRICS

- 1 = Linear cladding
- 2 = Carrier bracket
- 3 = Carrier



TYPICAL SECTIONS



PHYSICAL DATA

Substrate: Aluminium
 Fire rating: Class A2,s1,d0 (plain) according EN 13501-1
 Class A2 according GB 8624
 Weight: Varies ca 1.7 kg/m² - 2.3 kg/m²
 Light reflectance (LR) Coefficient:
 - Varies with finish
 - HD0280: LR = 0.81
 Acoustic rating: α_w 0.75: See page 392

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

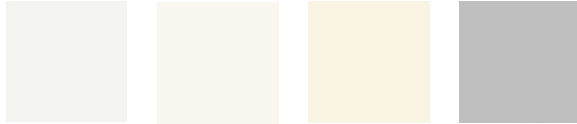
CERTIFICATIONS

ISO 9001
 ISO 14001
 TAIM Certified
 French VOC Regulation Class A+
 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.

STANDARD PAINT COLOURS



0181 RAL 9003 0106 RAL 9016 0280 RAL 9010 7163 RAL 9006

CUSTOM COLOURS



POLYESTER & POLYESTER HYBRID (VX WOODGRAIN)



Bamboo Skin 50107 Woodgrain Bamboo Skin 50108 Woodgrain Bamboo Skin 50159 Woodgrain Bamboo Skin 50163 Woodgrain Bamboo Skin 50170 Woodgrain Zebra Wood 50202 Woodgrain Pear Wood 50203 Woodgrain Pear Wood 50207 Woodgrain

NATURAL SOLID WOOD VENEER



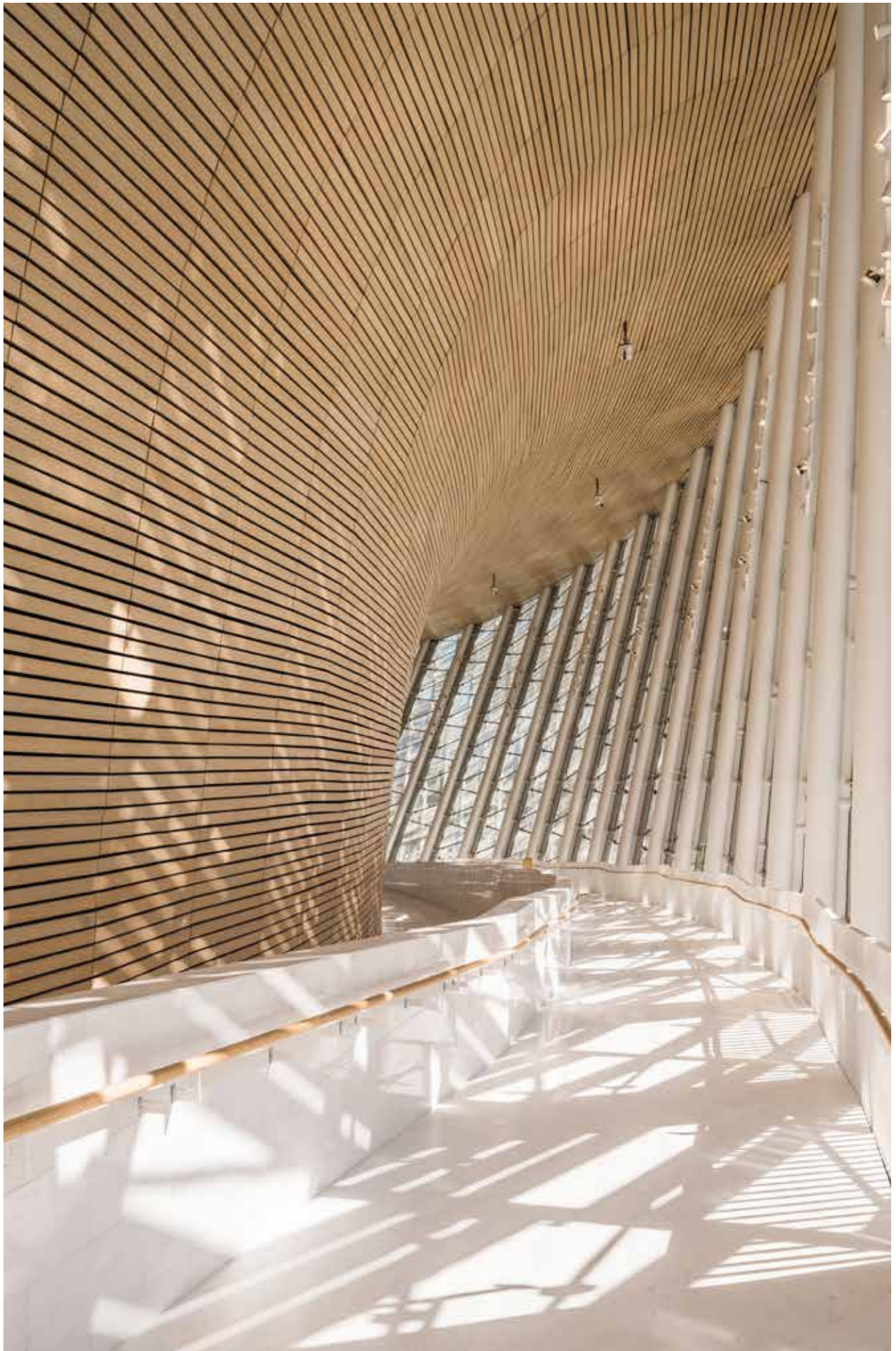
Magri Wood 50902 Cherry Wood 50903 Black Walnut 50904 Ash 50905 Pear 50906 Rosewood 50907 Golden Silk Pomelo 50908 Red Oak 50909

TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER



Black Walnut 50913 Black Walnut 50914 Black Walnut 50915 Ash 50916 Ebony 50917 Cherry Wood 50918 Apple Wood 50919 Silver Pear 50920

(For more wood grain finishes, see page 388.)



Project: Fuzhou Strait Culture and Art Center, China - Product: Linear Cladding - Architect: PES-Architects



Project: Freizeitbad Calivornia, Leverkusen, Germany
Architect: Foest Architektur, Leverkusen
Product: Sports Ceiling

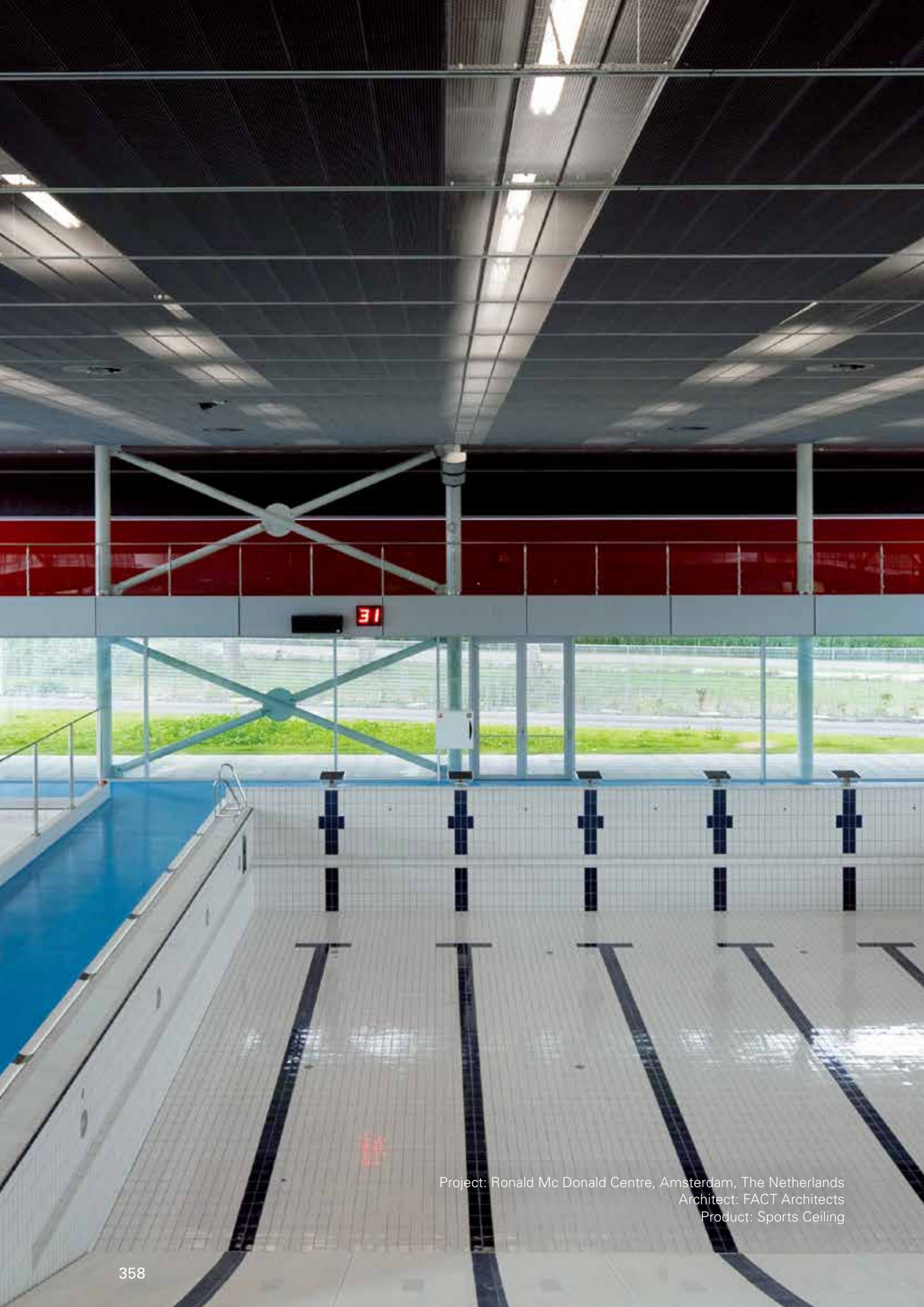
SPORTS CEILINGS

The metal ceiling for sports halls combines quality with a specific appearance. The ceiling can withstand direct impact from balls used for indoor sports.





Project: O.L.V. van Lourdescollege, Edegem, België
Architect: René Van Steenberghe
Product: Sports Ceiling



Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands
Architect: FACT Architects
Product: Sports Ceiling



Project: Mahler 4, Amsterdam, the Netherlands
Architect: De Architecten Cie.
Product: Sports Ceiling

SPORTS CEILINGS

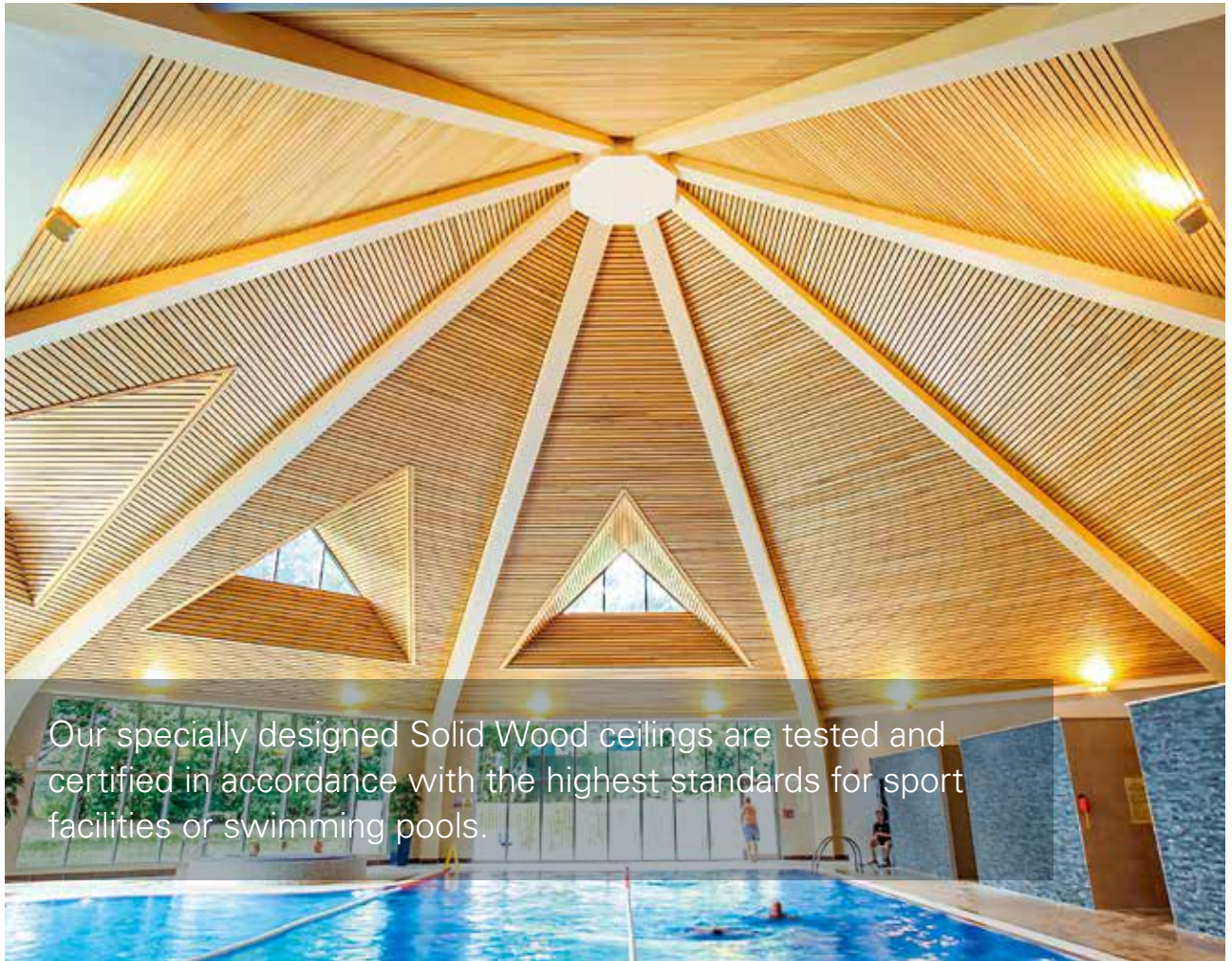
SOLID WOOD LINEAR 360

VENEERED WOOD LINEAR 364

70U 368

SAFETY-LOOP 372

LAY-ON PLANKS 376



Our specially designed Solid Wood ceilings are tested and certified in accordance with the highest standards for sport facilities or swimming pools.

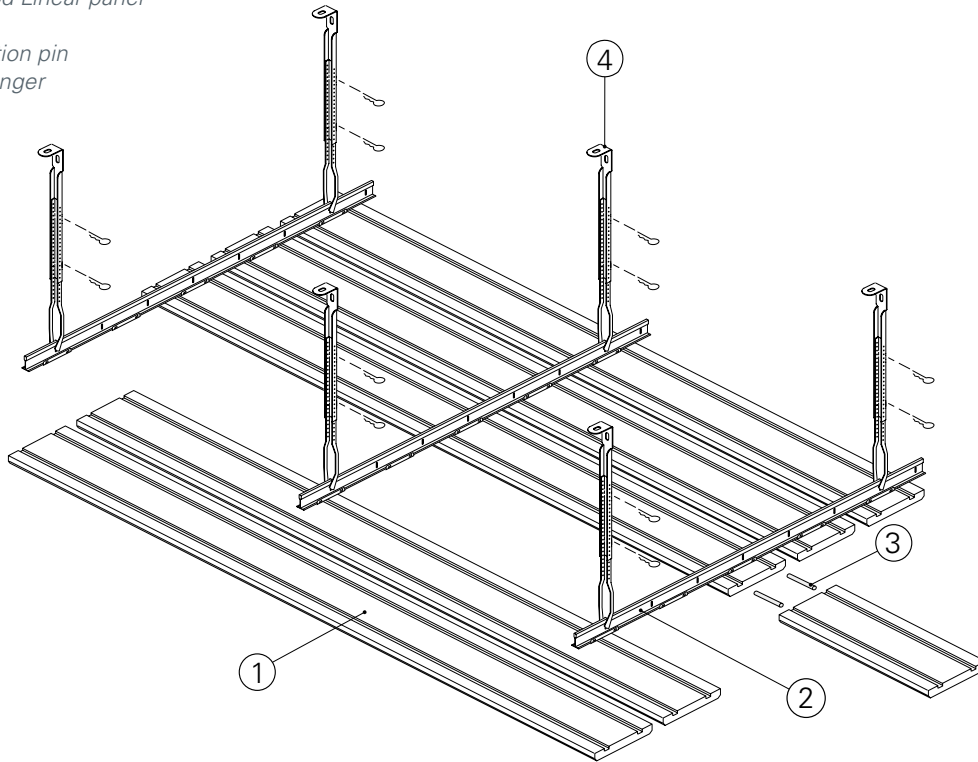
Project: Kenwick Park Hotel, Louth, Lincolnshire, United Kingdom - Product: Solid Wood Linear - Architect: Franklin Ellis Architects

KEY FEATURES

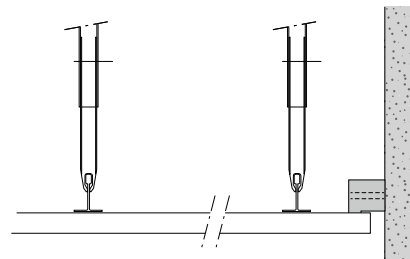
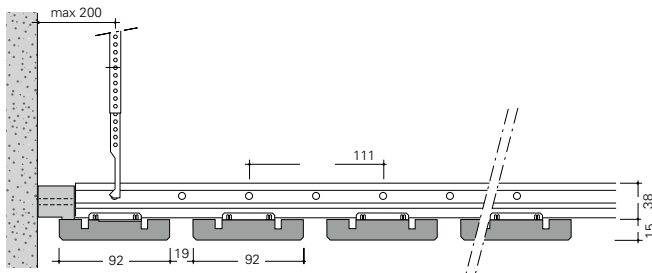
- Sport hall applications, certified according to DIN 18032 Part 3 and EN 13964 Annex D
- Panel width: 116 mm
- Lengths up to 2500 mm
- Panel thickness: 15 mm
- Joint width: 19 mm
- Variety of 20+ wood species, FSC or PEFC certified
- Clear and coloured stains available
- Reinforced suspension system
- 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: α_w 0.30 - 0.50 (according to ISO 11654). See page 393

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

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



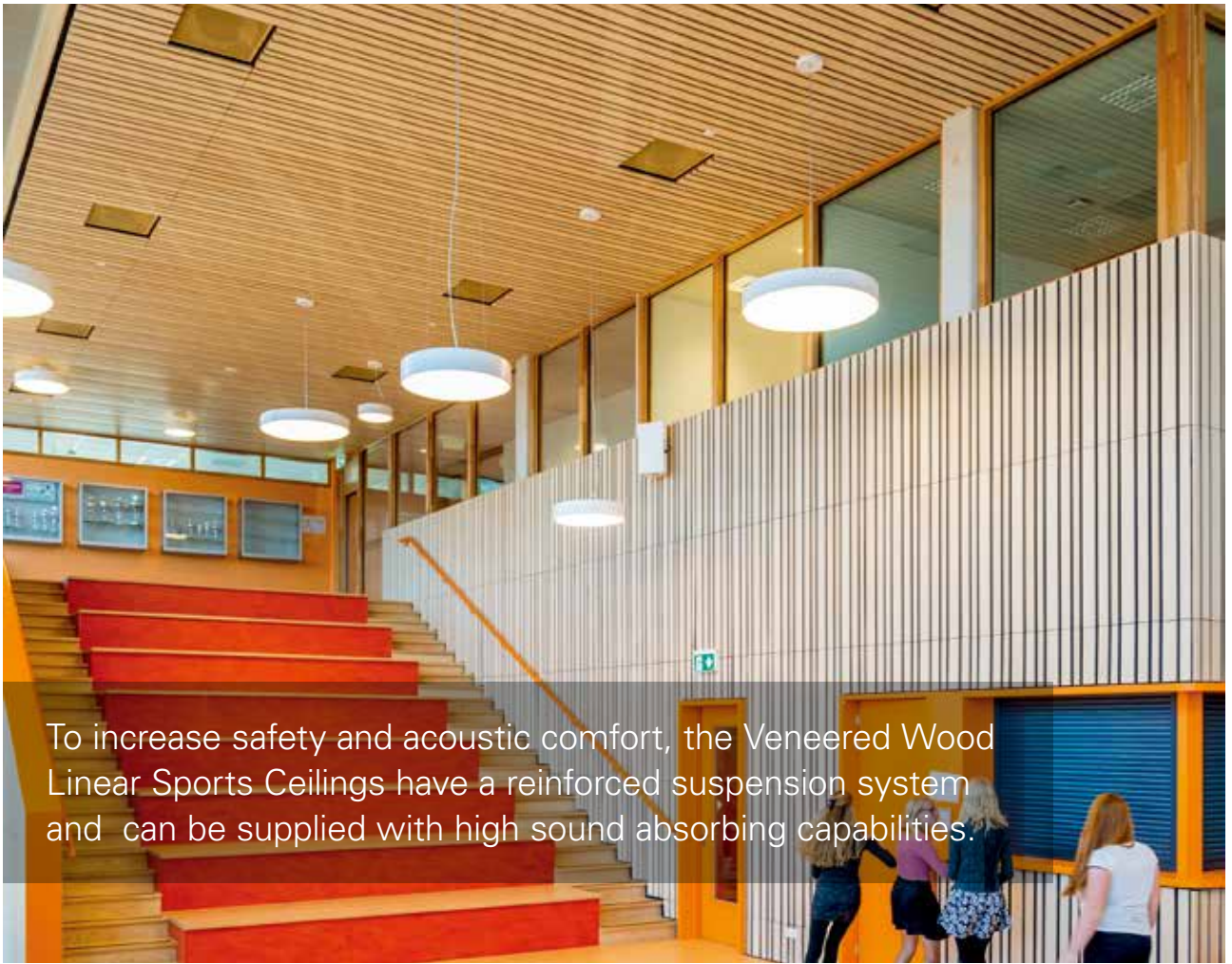
Bamboo SP Caramel



Bamboo DT Caramel



Project: Atlas Theater, Emmen, The Netherlands - Product: Solid Wood Linear, Pine - Architect: Van den Berg Groep, LKSVDD, Claessens Erdmann Architects & Designers



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.

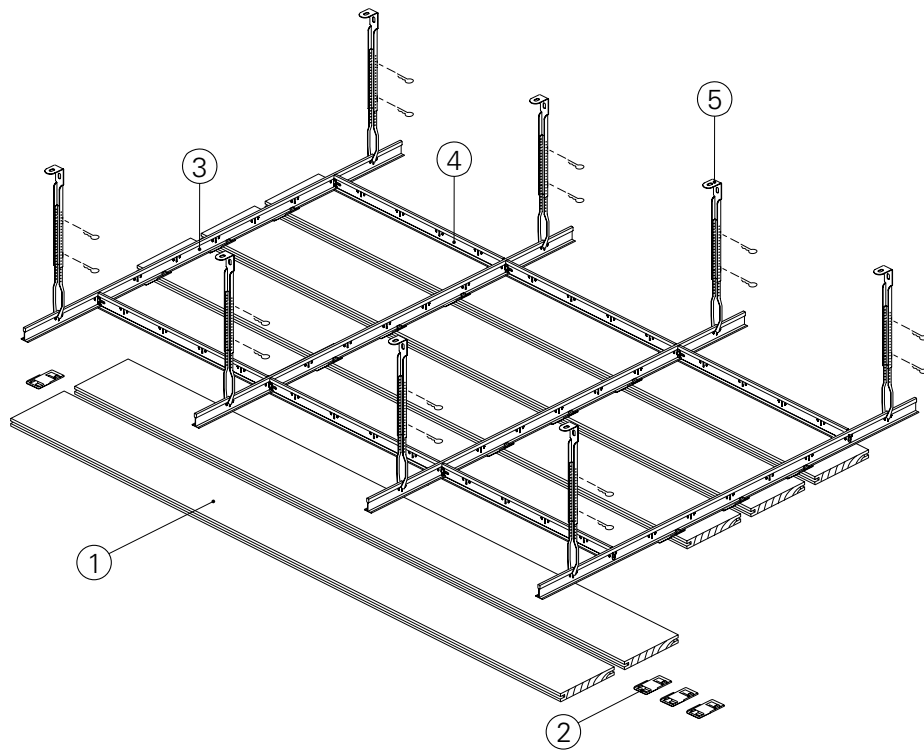
Project: Driestar, Leiden, The Netherlands - Veneered Wood Linear Cassettes, Ash veneer - Architect: Roosros Architecten

KEY FEATURES

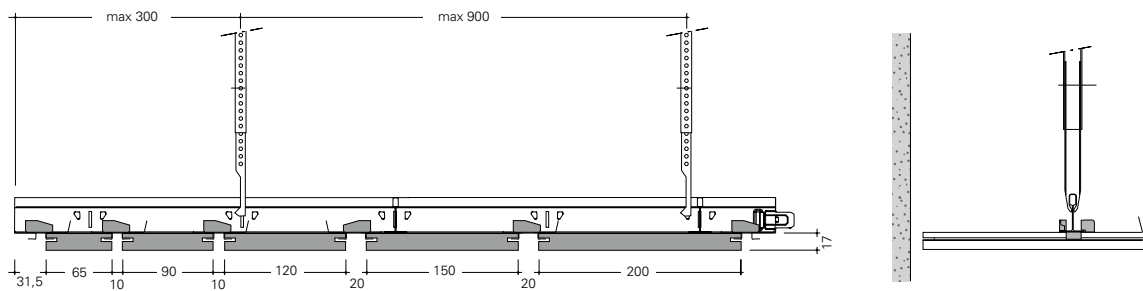
- Sport hall applications, certified according to DIN 18032 Part 3 and EN 13964 Annex D
- MDF core with a wooden top layer
- Panel width: 90 mm
- Lengths up to 2700 mm
- Panel thickness: 17 mm
- Joint width: 20 mm
- Variety of organic or engineered wood veneers, FSC or PEFC certified
- Optionally perforated 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



TYPICAL SECTIONS



PHYSICAL DATA

Acoustic rating: α_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
- 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.

American
MapleAmerican
Red OakAmerican
WalnutAmerican/
European
OakEuropean
AshEuropean
Birch

Pine

Steamed
Beech**ORGANIC DYED VENEERS**

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

Ash
BF 001Ash
BF 002Ash
BF 049Ash
BF050Birch
BG 046Birds Eye
Maple E 069Bolivar
EB 064Walnut
EA193**ENGINEERED VENEERS**

Engineered veneer is a natural material, processed to create a specific predefined 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

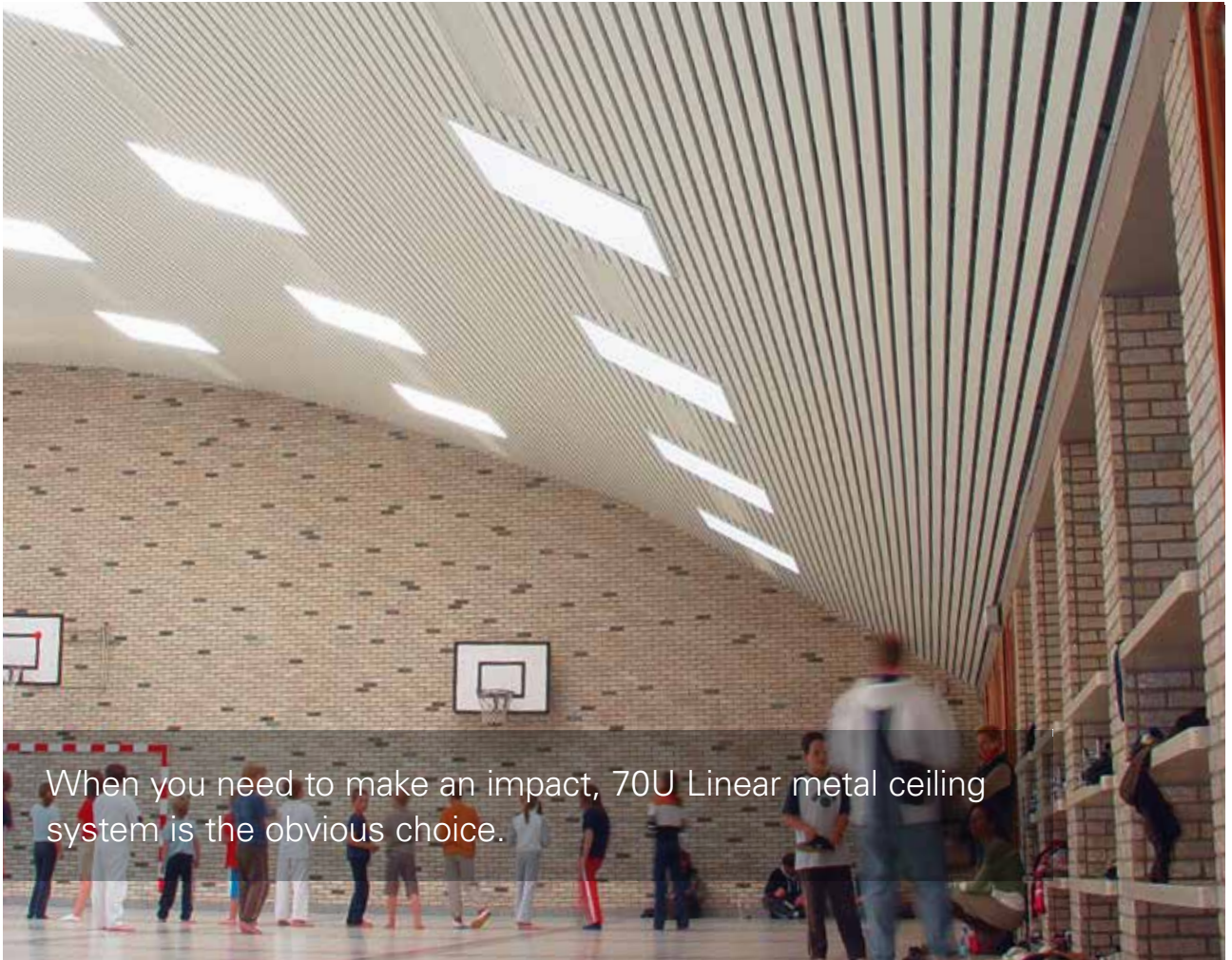
Vega

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.



Project: Zinn, Groningen, The Netherlands - Product: Linear cassette - Essen, clear lacquer - Architect: Team 4 architecten



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

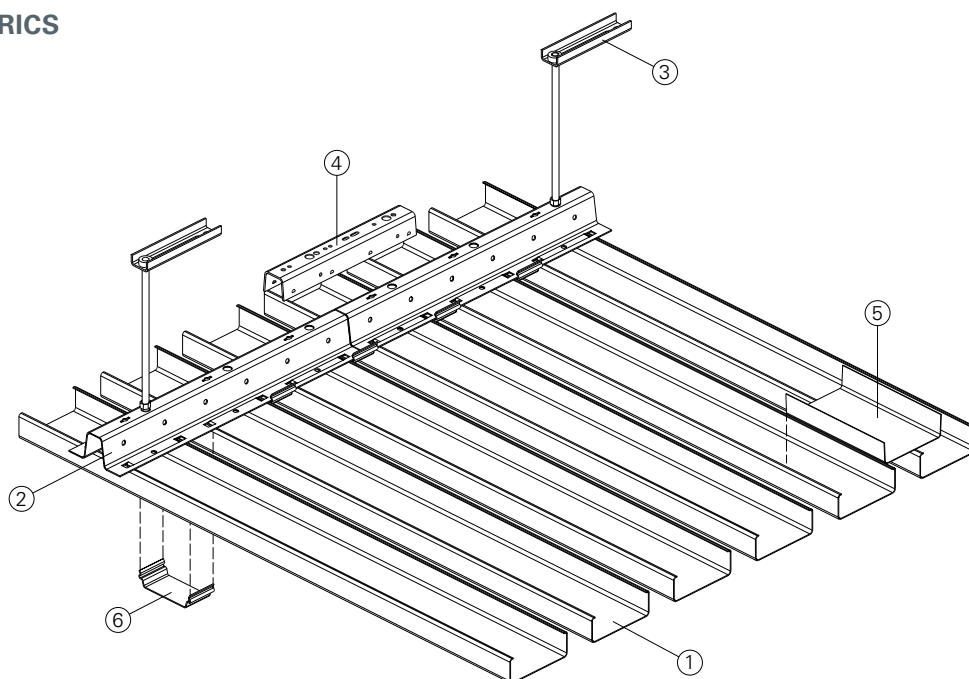
Project: O.L.V. van Lourdescollege, Edegem, België - Product: Sports Ceiling - Architect: René Van Steenbergem

KEY FEATURES

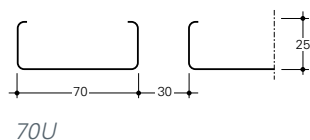
- Panel widths: 70 mm, joint width 30 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 25 mm
- Square edge design
- Tested on ball impact resistance
- On site waste reduction with factory fabricated dimensional material
- Downweight: reduce static load with lightweight aluminum or steel
- Easy plenum 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



PERFORATION PATTERNS

Standard patterns shown. See page 390 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
Class A2 according GB 8624
- Weight:** Varies ca 2.9 kg/m² - 8.3 kg/m²
- Light reflectance (LR) Coefficient:**
 - Varies with finish
 - HD0401: LR = 0.81

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+
- 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.

Unprecedented Protection

LUXACOTE®
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 PAINT COLOURS



0401
RAL 9016

CUSTOM COLOURS





Project: O.L.V. van Lourdescollege, Edegem, België - Product: Sports Ceiling - Architect: René Van Steenbergem



An acoustic, accessible, versatile ceiling system that can take a punch.

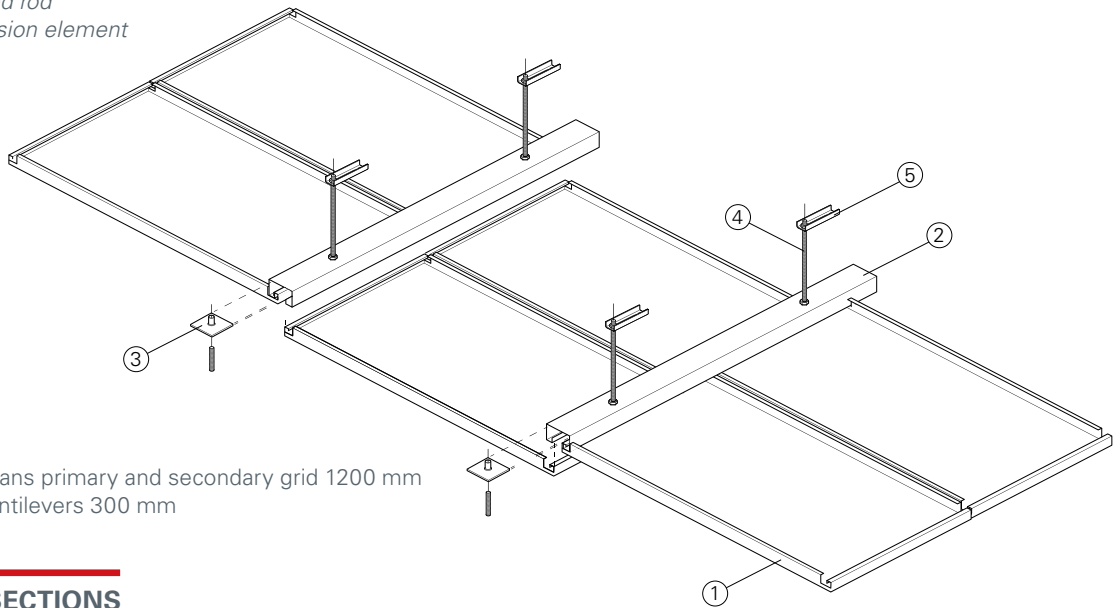
Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Hook On Continuous Type 1- Architect: JSK

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

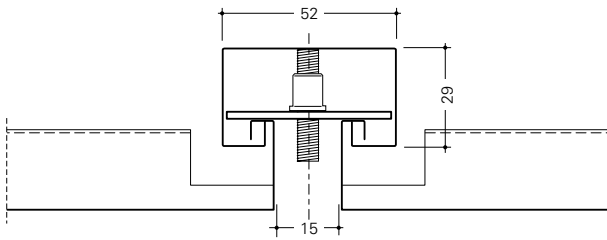
TYPICAL ISOMETRICS

- 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



CLS12
 Open area 52.7 %,
 Thickness 2 mm
 Dimensions:
 11 x 25 x 2.6
 Weight 2.56 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
 Class A2 according GB 8624
Weight: Varies ca 4,9 kg/m² - 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 393

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

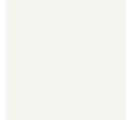
CERTIFICATIONS

TAIM QS
 Ball impact resistance Class 1A
 French VOC Regulation: Class A
 EPD: Available upon request

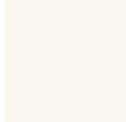
COLOURS AND FINISHES

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.

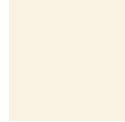
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS



STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin
7772C



#4 Brushed
7774C



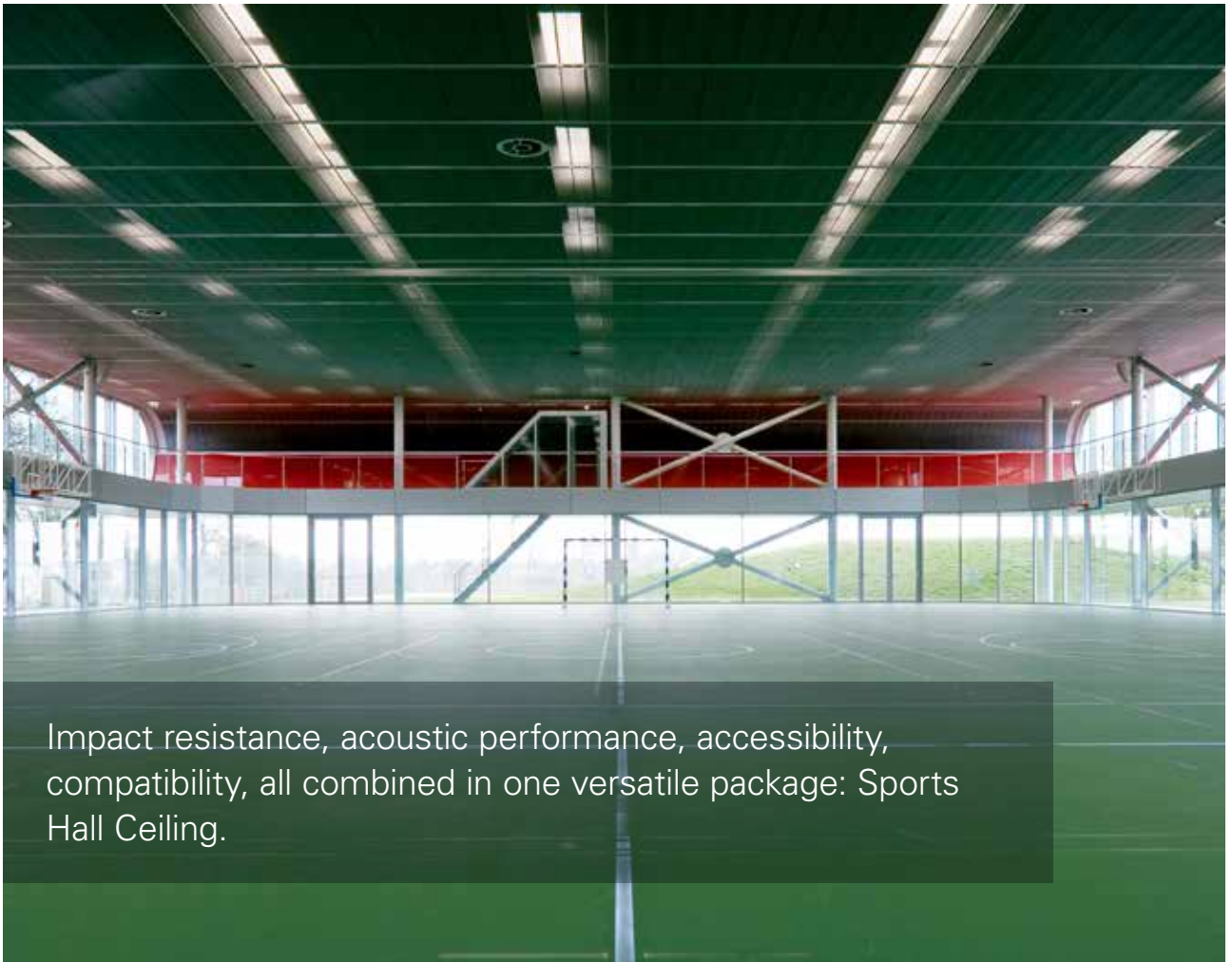
BA Bright
7776C



#8 Mirror
7778C



Project: Pepsi Arena Legia Football Stadium, Warsaw, Poland - Product: Stretch Metal Beta B (Hook On Continuous Type 1) - Architect: JSK



Impact resistance, acoustic performance, accessibility, compatibility, all combined in one versatile package: Sports Hall Ceiling.

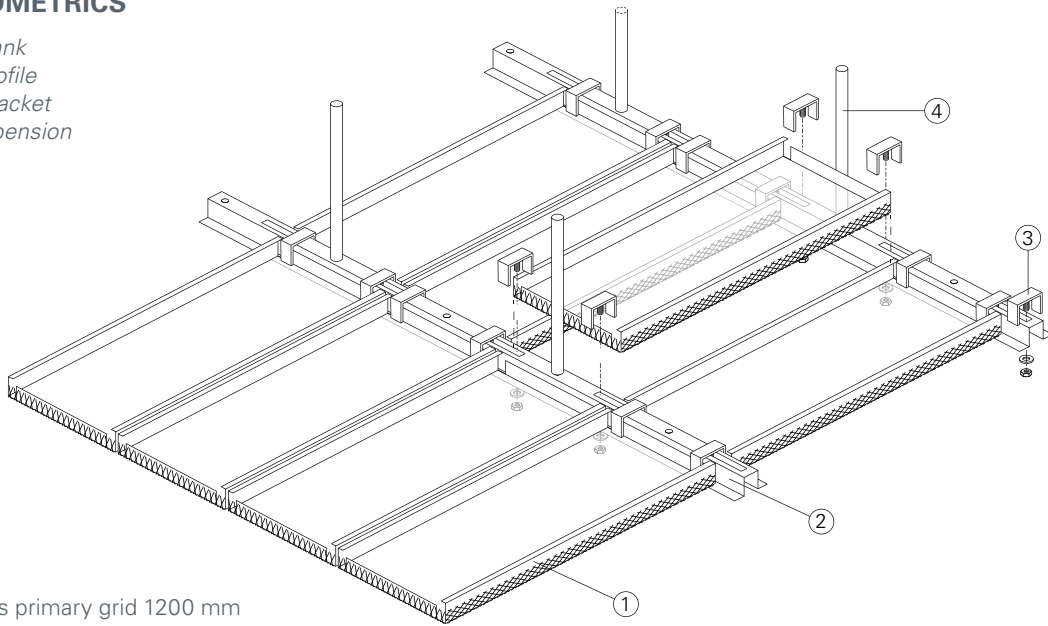
Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Lay-On planks (Sports Hall) - Architect: FACT Architects

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

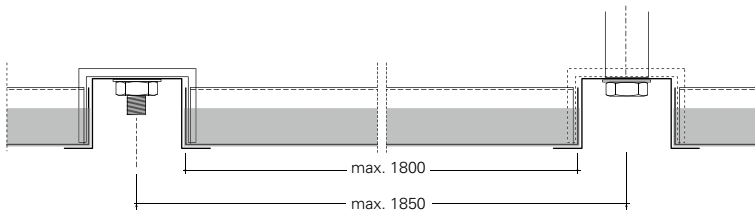
TYPICAL ISOMETRICS

- 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



CLS12
Open area 52.7 %,
Thickness 2 mm
Dimensions:
11 x 25 x 2.6
Weight 2.56 kg/m²

PHYSICAL DATA

Substrate: Steel or Aluminium
Fire rating: Class A1 according EN 13501-1
Class A2 according GB 8624
Weight: Varies ca 4.9 kg/m² - 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 393

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

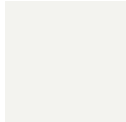
CERTIFICATIONS

TAIM QS
Ball impact resistance Class 1A
French VOC Regulation: Class A
EPD: Available upon request

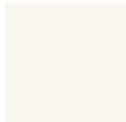
COLOURS AND FINISHES

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.

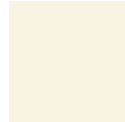
STANDARD PAINT COLOURS



0181
RAL 9003



0106
RAL 9016



0280
RAL 9010



7163
RAL 9006

CUSTOM COLOURS



STAINLESS STEEL OPTIONS

Object shows reflectivity of finish



2B Satin
7772C



#4 Brushed
7774C



BA Bright
7776C



#8 Mirror
7778C



Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Lay-On planks (Sports Hall) - Architect: FACT Architects



Project: Ronald Mc Donald Centre, Amsterdam, The Netherlands - Product: Stretch Metal Lay-On planks (Sports Hall) - Architect: FACT Architects





Project: Sports Stadium Suites, Santa Clara, CA
Product: Straight
Photo credit: Bob Perzel

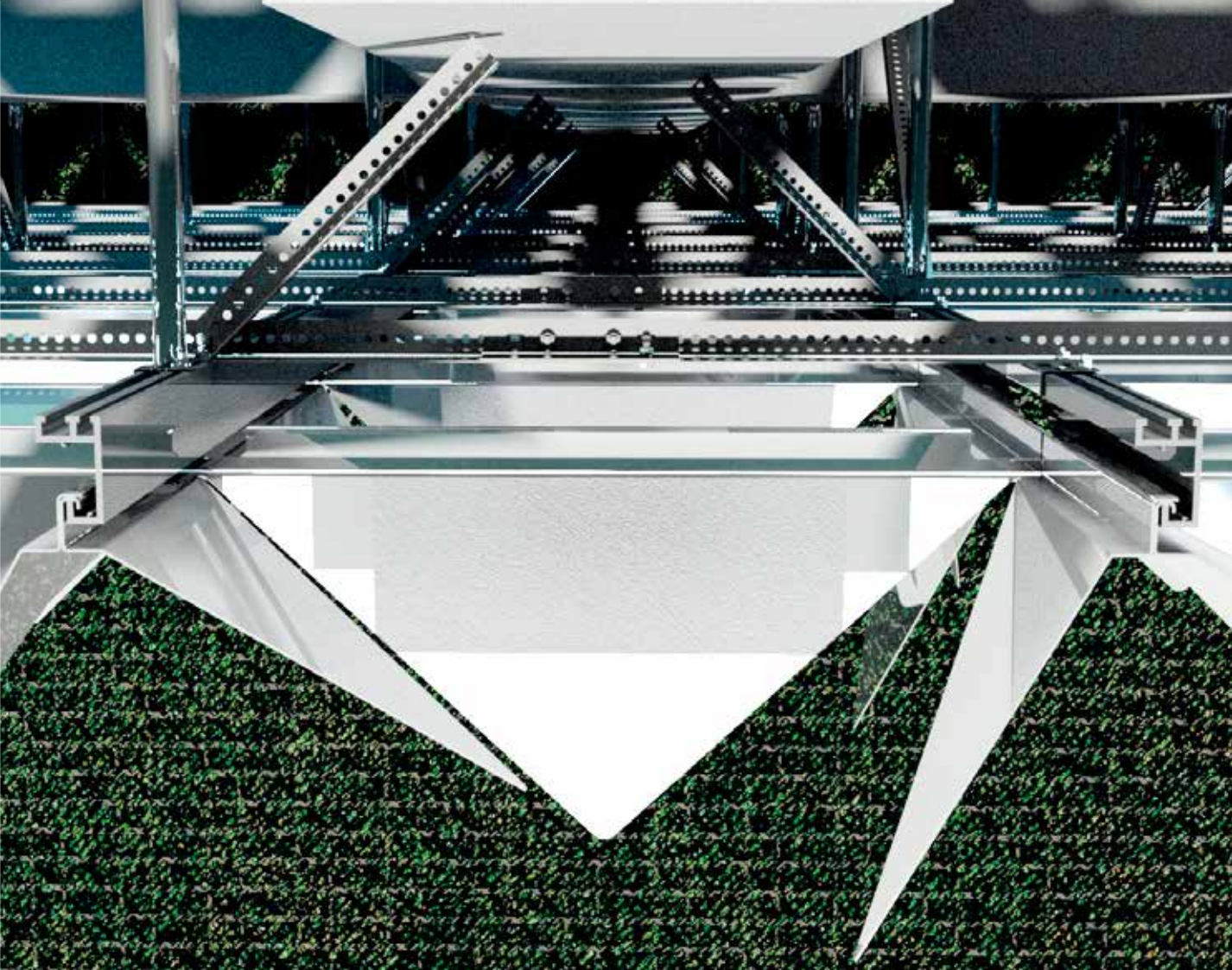




Project: North Carolina State - Reynolds Coliseum, Raleigh, NC
Product: Wide Panel 300C
Photo credit: Bob Perzel



Project: Train Station Delft, The Netherlands
Architect: Bentheim Crouwel Architecten
Product: Custom baffle ceiling



RESOURCES

WOODGRAIN/VENEER PATTERNS 388




































PERFORATION PATTERNS 390

ACOUSTIC TEST RESULTS 392









SUSTAINABILITY 394

The woodgrain or roller coated wood finish is made on one side of the aluminium coil that went through pre-treatment process includes degreasing and cleaning then the primer coating is applied and baked, follow by a series of precise numerical control positioning to overprint the woodgrain. The woodgrain is the colour of the paint itself and It is then baked at high temperature as per sample of the real material. The woodgrain feels realistic and rich in texture.

POLYESTER & POLYESTER HYBRID(VX WOODGRAIN)

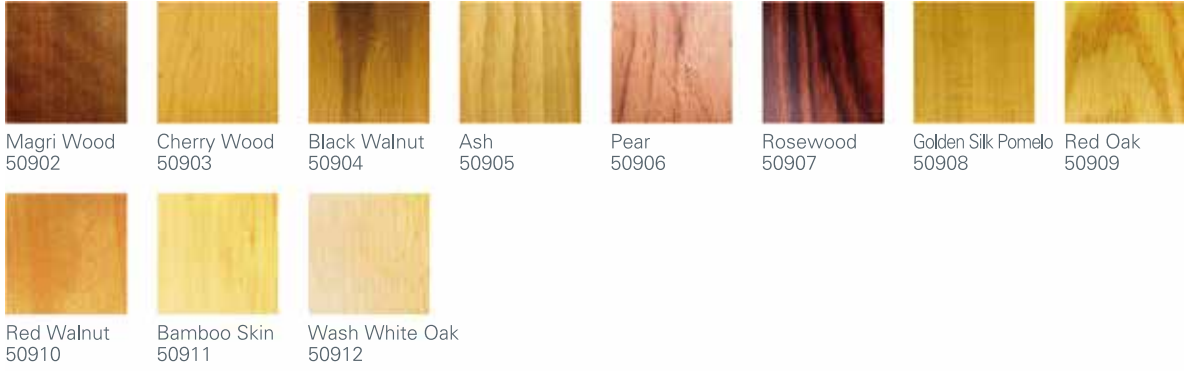
							
Bamboo Skin 50107 Woodgrain	Bamboo Skin 50108 Woodgrain	Bamboo Skin 50159 Woodgrain	Bamboo Skin 50163 Woodgrain	Bamboo Skin 50170 Woodgrain	Zebra Wood 50202 Woodgrain	Pear Wood 50203 Woodgrain	Pear Wood 50207 Woodgrain
							
Pear Wood 50213 Woodgrain	Pear Wood 50236 Woodgrain	Teak 50253 Woodgrain	White Cork 50254 Woodgrain	Red Rose 50264 Woodgrain	Teak 50301 Woodgrain	Wood 50314 Woodgrain	Teak 50318 Woodgrain
							
Black Walnut 50336 Woodgrain	Black Walnut 50337 Woodgrain	Teak 50344 Woodgrain	Pear Wood 50345 Woodgrain	Ebony 50401 Woodgrain	Teak 50423 Woodgrain	Teak 50426 Woodgrain	Teak 50602 Woodgrain
							
Bamboo Skin 50610 Woodgrain	Bamboo Skin 50613 Woodgrain	Teak 50621 Woodgrain	Black Oak 50628 Woodgrain	Oak 50635 Woodgrain	Golden Maple 50648 Woodgrain	Teak 50649 Woodgrain	Teak 50651 Woodgrain
							
Bamboo Skin 50103 VX Woodgrain	Bamboo Skin 50105 VX Woodgrain	Teak 50302 VX Woodgrain					

PVDF & PVDF HYBRID(LUXACOTE F2 COATING)

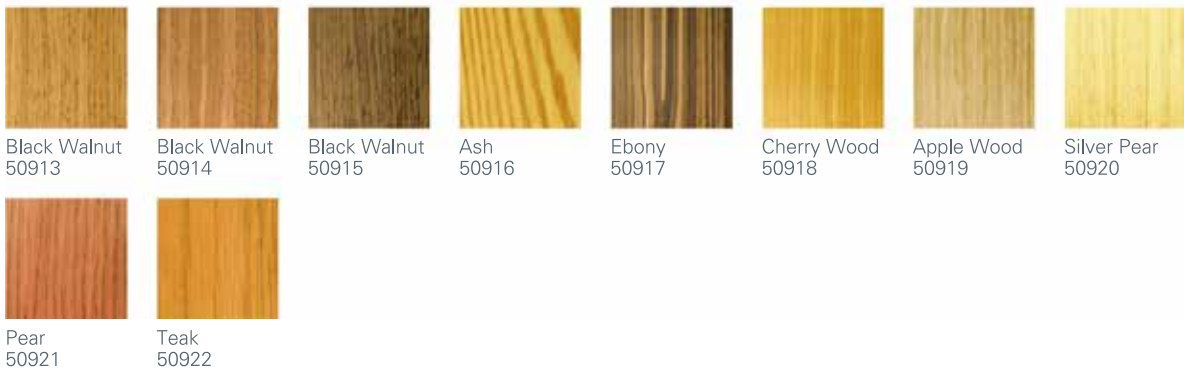
							
Teak 51320 PVDF	Teak 51301 PVDF	Teak 51302 PVDF	Catalpa Wood 51320 PVDF	Walnut 51603 PVDF	Black Walnut 51604 PVDF	Bamboo Skin 50113 F2	Teak 51405 F2

High-quality natural wood has been an embodiment of fineness and elegance since long; however, due to heavy weight and low fireproof performance, use of solid wood ceiling is a great challenge in modern architecture. Hunter Douglas produces metallic ceiling/wall surface laminated with solid wood veneer that well integrates the advantages of both metal and solid wood, featuring the warmth and fine details of solid wood, as well as the solidity and easy installation of metal profiles.

NATURAL SOLID WOOD VENEER



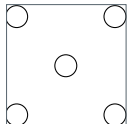
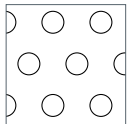
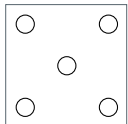
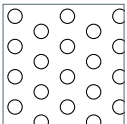
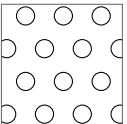
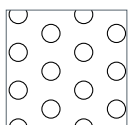
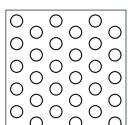
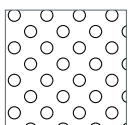
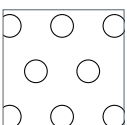
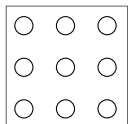
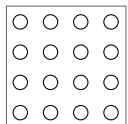
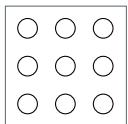
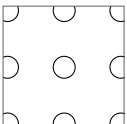
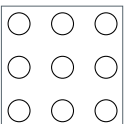
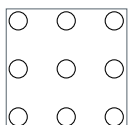
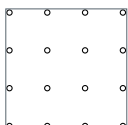
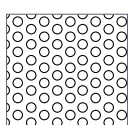
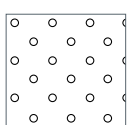
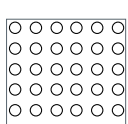
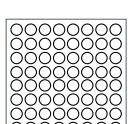
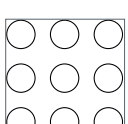
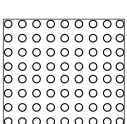
TECHNOLOGY-BASED (ENGINEERED) WOOD VENEER





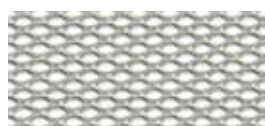









Perforation patterns improve acoustical performance as well as create aesthetic effects. Non-perforated option available for all products. Contact Hunter Douglas Ceilings for wood finish perforation options. Scale 1:1 shown, unless otherwise noted.

METAL CEILINGS

Metal Patterns

				
P101 Ø 2.9 mm ⇄ 6.5 ⇄ 13 Openness 8%	P103 Ø 2.9 mm ⇄ 5.5 ⇄ 6.35 Openness 20%	P119 Ø 2.4 mm ⇄ 5.5 ⇄ 11 Openness 8%	P121 Ø 1.9 mm ⇄ 2 ⇄ 6.93 Openness 20%	P123 Ø 2.4 mm ⇄ 4.33 ⇄ 5 Openness 20.9%
				
P125 Ø 2.4 mm ⇄ 2.5 ⇄ 8.66 Openness 20.9%	P127 Ø 1.6 mm ⇄ 1.5 ⇄ 5.2 Openness 25%	P138 Ø 1.6 mm ⇄ 2.15 ⇄ 4.3 Openness 22%	T1 Ø 3 mm ⇄ 6 ⇄ 6.92 Openness 17%	
				
P106 Ø 2.4 mm ⇄ 5.5 ⇄ 5.5 Openness 16%	P122 Ø 1.9 mm ⇄ 4 ⇄ 4 Openness 18%	P129 Ø 2.6 mm ⇄ 5 ⇄ 5 Openness 21%	P130 Ø 2.9 mm ⇄ 7.5 ⇄ 7.5 Openness 12%	P133 Ø 2.9 mm ⇄ 5.75 ⇄ 5.75 Openness 20%
				
T2 Ø 2.4 mm ⇄ 6.35 ⇄ 6.35 Openness 11.3%	T3 Ø 0.7 mm ⇄ 5 ⇄ 5 Openness 1.54%			
				
P109 (Scale 1:4) Ø 5 mm ⇄ 4 ⇄ 13.8 Openness 36%	P120 (Scale 1:4) Ø 4 mm ⇄ 10 ⇄ 20 Openness 6%			
				
P128 (Scale 1:4) Ø 6 mm ⇄ 11 ⇄ 11 Openness 23%	P131 (Scale 1:4) Ø 6 mm ⇄ 7.5 ⇄ 7.5 Openness 50%	P134 (Scale 1:4) Ø 30 mm ⇄ 46.25 ⇄ 46.25 Openness 33%	P135 (Scale 1:4) Ø 4 mm ⇄ 7.5 ⇄ 7.5 Openness 22%	

Stretch Metal

	
CLS1 (Scale 1:4) Open area 69% Thickness 2 mm Dimensions: 13 x 50 x 2 Weight 1.68 kg/m ²	CLS2 (Scale 1:4) Open area 66.7% Thickness 2.2 mm Dimensions: 15 x 30 x 2.5 Weight 1.81 kg/m ²
	
CLS3 (Scale 1:4) Open area 42.5% Thickness 2.0 mm Dimensions: 8 x 16 x 2.3 Weight 3.2 kg/m ²	CLS4 (Scale 1:4) Open area 75.7% Thickness 2.5 mm Dimensions: 23 x 50 x 2.8 Weight 1.65 kg/m ²
	
CLS5 (Scale 1:4) Open area 42.5% Thickness 2.5 mm Dimensions: 16 x 38 x 4.6 Weight 3.9 kg/m ²	CLS6 (Scale 1:4) Open area 73.5% Thickness 1.8 mm Dimensions: 34 x 75 x 4.5 Weight 1.29 kg/m ²
	
CLS7 (Scale 1:4) Open area 69.4% Thickness 2.0 mm Dimensions: 17 x 51 x 2.6 Weight 1.65 kg/m ²	CLS8 (Scale 1:4) Open area 16.7% Thickness 3 mm Dimensions: 48 x 100 x 20 Weight 6.8 kg/m ²
	
CLS9 (Scale 1:4) Open area 54% Thickness 3.0 mm Dimensions: 18 x 40 x 4 Weight 3.3 kg/m ²	CLS10 (Scale 1:4) Open area 12% Thickness 3.0 mm Dimensions: 20 x 50 x 8.8 Weight 7.16 kg/m ²
	
CLS11 (Scale 1:4) Open area 73.3% Thickness 2.0 mm Dimensions: 21 x 60 x 2.8 Weight 1.45 kg/m ²	CLS12 (Scale 1:4) Open area 52.7% Thickness 2.0 mm Dimensions: 11 x 25 x 2.6 Weight 2.56 kg/m ²

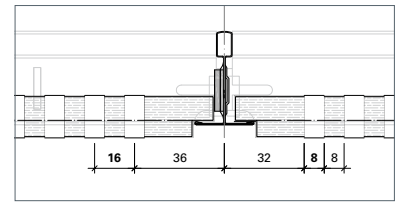
WOOD CEILINGS

Veneered Wood Tiles & Panels

Single perforations - Regular (Scale 1:5)

R5008 Ø 5 mm ⌀ 16 ⇄ 16 Openness 8%	R7015 Ø 7 mm ⌀ 16 ⇄ 16 Openness 15%	R8020 Ø 8 mm ⌀ 16 ⇄ 16 Openness 20%	R8005 Ø 8 mm ⌀ 32 ⇄ 32 Openness 5%	R9006 Ø 9 mm ⌀ 32 ⇄ 32 Openness 6%	R10008 Ø 10 mm ⌀ 32 ⇄ 32 Openness 8%

Example single perforation



Section Detail (Scale 1:3)
R8020 - Ø 8 mm - ⌀ 16 ⇄ 16

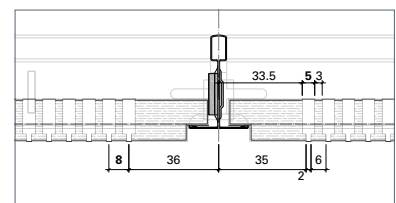
Single perforations - Irregular (Scale 1:5)

D8005 Ø 8 mm ⌀ 32 ⇄ 32 Openness 5%	D9006 Ø 9 mm ⌀ 32 ⇄ 32 Openness 6%	D10008 Ø 10 mm ⌀ 32 ⇄ 32 Openness 8%	D8003 Ø 8 mm ⌀ 32 ⇄ 64 Openness 3%	D9003 Ø 9 mm ⌀ 32 ⇄ 64 Openness 3%	D10004 Ø 10 mm ⌀ 32 ⇄ 64 Openness 4%

Double perforations - Regular (Scale 1:5)

R1503A Ø 1.5 mm ⌀ 8 ⇄ 8 Openness 3%	R2005A Ø 2 mm ⌀ 8 ⇄ 8 Openness 5%	R3003A Ø 3 mm ⌀ 16 ⇄ 16 Openness 3%	R5008B Ø 5 mm ⌀ 16 ⇄ 16 Openness 8%	R7015B Ø 7 mm ⌀ 16 ⇄ 16 Openness 15%

Example double perforation



Section Detail (Scale 1:3)
R2005A - Ø 2 mm - ⌀ 8 ⇄ 8

Nano perforations (Scale 1:1)

D0505A Ø 0.5 mm ⌀ 1.9 ⇄ 1.9 Regular Openness 5%

Slotted perforation (Scale 1:20)

R9724S WxH 97/8 mm ⌀ 24 ⇄ 132 Regular Openness 24%	R9718S WxH 97/8 mm ⌀ 32 ⇄ 132 Regular Openness 18%	R9711S WxH 97/8 mm ⌀ 48 ⇄ 132 Regular Openness 11%	D9724S WxH 97/8 mm ⌀ 24 ⇄ 132 Irregular Openness 24%	D9711S Ø 97 mm ⌀ 48 ⇄ 132 Irregular Openness 11%

Topline Panels

Topline perforations - Irregular (Scale 1:5)

View sides

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%

Back sides

Topline® 29/3 Plain 29 mm Groove 3 mm Openness 9%	Topline® 28/4 Plain 28 mm Groove 4 mm Openness 13%	Round	Slotted

SOUND ABSORPTION (α_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

Module	% Open Area	Panel description	Acoustic Infill	α_w
50	20%	Panel 40 x 55 mm	Mineral wool tiles or PES acoustical tiles	1.00
50	20%	Panel 40 x 55 mm	none	0.70
60	33%	Panel 40 x 55 mm	none	0.65
70	43%	Panel 40 x 55 mm	none	0.60
80	50%	Panel 40 x 55 mm	none	0.50
90	55%	Panel 40 x 55 mm	none	0.45
100	60%	Panel 40 x 55 mm	none	0.45

TILES

Plenum depth 400 mm

Perforation Pattern	% Open Area*	Panel description	Acoustic Infill	α_w
D1522	22%	Tiles 600 x 600 mm	Non-Woven Acoustic tissue	0.65
R1511	11%			
D2022	22%	Tiles 600 x 600 mm	Non-Woven Acoustic tissue	0.55
R2011	11%			
R2516	16%	Tiles 600 x 600 mm	Non-Woven Acoustic tissue	0.70

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

PLANKS & TAVOLA Baffles

Plenum depth 300 mm

Perforation Pattern	% Open Area*	Panel description	Acoustic Infill	α_w
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 150 mm	Non-Woven Acoustic tissue	0.50
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 200 mm	Non-Woven Acoustic tissue	0.50
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 300 mm	Non-Woven Acoustic tissue	0.40
D1522	22%	Baffle 200 x 30 mm, plain bottom, ctc 400 mm	Non-Woven Acoustic tissue	0.40
R1511	11%			
D2022	22%			
R2011	11%			
R2516	16%			

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

LINEAR

Plenum depth 200 mm

Perforation Pattern	% Open Area	Panel description	Acoustic Infill	α_w
D1523	23 %	All panel types, closed joints	Non-Woven Acoustic tissue	0.75
D1023	23%	75C panel	Non-Woven Acoustic tissue	0.65
D2016	16%	All panel types, closed joints	Non-Woven Acoustic tissue	0.80

WIDE PANEL

Plenum depth 400 mm

Perforation Pattern	% Open Area	Panel description	Acoustic Infill	α_w
D1523	23 %	300C/L	Non-Woven Acoustic tissue	0.75
D2016	16%	300C/L	Non-Woven Acoustic tissue	0.75

XL ACOUSTIC

Plenum depth 200 mm

Perforation Pattern	% Open Area	Panel description	Acoustic Infill	α_w
D0804 / D3033	3.6 %	XL50, XL100, XLts and XLnt	Non-Woven Acoustic tissue	0.75

STRETCH METAL

Plenum depth 200 mm

Stretch Pattern	% Open Area*	Panel description	Acoustic Infill	α_w
LD6	23 %	Tile 600 x 600 mm	Acoustical pad 25 mm	0.85
LS10	68%	Tile 800 x 800 mm	Acoustical pad 85 mm	1.00
LS8	62%	Tile 600 x 600 mm	Acoustical pad 25 mm	0.85

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

SOLID WOOD

Linear Module	% Open Area	Acoustic Infill	α_w
Solid Wood Linear 92 mm (module 111 mm)	21%	Non-Woven Acoustic tissue	0.30
Solid Wood Linear 92 mm (module 111 mm)	21%	Non-Woven Acoustic tissue + 20 mm rock wool	0.50
Grill Module	% Open Area	Acoustic Infill	α_w
Solid Wood Grill 25-15-55	63%	40 mm mineral wool	0.90
Solid Wood Grill 25-15-55	63%	50 mm rock wool	0.85

VENEERED WOOD TILES

Perforation Pattern	% Open Area	Acoustic Infill	α_w
R7015	15%	Non-Woven Acoustic tissue	0.75
R8020	20%	Non-Woven Acoustic tissue	0.75
R9006	6%	Non-Woven Acoustic tissue	0.40
D7030	30%	Non-Woven Acoustic tissue	0.95
D9012	12%	Non-Woven Acoustic tissue	0.60
R9025	25%	Non-Woven Acoustic tissue	0.90
R1503A	3%	Non-Woven Acoustic tissue	0.35
R5008B	8%	Non-Woven Acoustic tissue	0.65
D0505A	5%	Non-Woven Acoustic tissue	0.95
R9724S	24%	Non-Woven Acoustic tissue	0.75
R9718S	18%	Non-Woven Acoustic tissue	0.65
R9711S	11%	Non-Woven Acoustic tissue	0.50
D9724S	24%	Non-Woven Acoustic tissue	0.75
D9711S	11%	Non-Woven Acoustic tissue	0.50

VENEERED WOOD TOPLINE®

Perforation Pattern	% Open Area	Acoustic Infill	α_w
TLS 6/2	25%	Non-Woven Acoustic tissue	0.90
TLS 14/2	13%	Non-Woven Acoustic tissue	0.65
TLS 13/3	19%	Non-Woven Acoustic tissue	0.75
TLS 28/4	13%	Non-Woven Acoustic tissue	0.65
TTA 13/3 FD	16%	Non-Woven Acoustic tissue	0.80
TTA 13/3 HD	16%	Non-Woven Acoustic tissue	0.65
TTA 28/4 FD	13%	Non-Woven Acoustic tissue	0.60
TTA 28/4 HD	13%	Non-Woven Acoustic tissue	0.40

VENEERED WOOD

Perforation Pattern	% Open Area	Acoustic Infill	α_w
Veneered Wood Grill 44-17-55	72%	3 mm acoustic felt	0.85

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.

DAYLIGHTING

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

ACOUSTIC COMFORT

Noise of equipment and conversation have been shown to impact worker comfort and productivity. Hunter Douglas acoustical ceilings have noise reduction coefficients α_w up to 1.00.

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.

RECYCLED CONTENT

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

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.

PARTNERS & PROGRAMS

**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 and health 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 C2C-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.

HUNTER DOUGLAS

ARCHITECTURAL

For more than 50 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.



▲ SUN LOUVRE



▲ CEILINGS

FAÇADES ▼



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

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HunterDouglas 
Architectural



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.
- 2014** - Hunter Douglas launches BXD 3-dimensional linear ceiling.
- 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.hunterdouglas.asia



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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.

HunterDouglas

Architectural

Hunter Douglas Asia
www.hunterdouglas.asia

China / Hong Kong	- T: 852-2635 8388
Indonesia	- T: 62-21-296 76001
India	- T: 91-8576 307200 / 91-44 71379300
Korea	- T: 82-2-518-3663
Malaysia	- T: 603-5191 2020
Philippines	- T: 6391-7554 6483 / 632 241 3580
Thailand	- T: 66-2368 4141
Singapore	- T: 65-6862 4466
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