



**CEILING
& WALL
SOLUTIONS
CATALOGUE**

ABOUT KNAUF ARMSTRONG CEILING SOLUTIONS



At work, in healthcare facilities, classrooms, stores, or restaurants, Knauf Armstrong offers interior solutions that help to enhance comfort, save time, improve building efficiency and overall performance and create beautiful spaces.



It's easy to see how our ceilings finish a room beautifully, adding drama, character and dynamism to any space.



But did you know **our ceilings have acoustical properties** and that means they can help control sound and noise within a room and room to room? They can, and the implications are life-changing.



We are committed to developing new and **sustainable ceiling solutions**, with **design and performance possibilities** that empower our customers to create beautiful, high-performance buildings.



Quality for every aspect of your life.



More than 150 years of evolution and innovation.



We have a responsible role to play in the environment.

BE INSPIRED



Metal D-H 700



Optima Baffles



Wood Oak



Black Fine Fissured

KNAUF ARMSTRONG CEILINGS EMEA BIM FILES AVAILABLE ON "BIMOBJECT"



Knauf Armstrong EMEA's BIM files are available to download from BIMobject portal or from Knauf Armstrong websites.

The Knauf Armstrong EMEA portfolio is available in both REVIT and ArchiCAD format.

www.bimobject.com

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Cradle to cradle	Recycled content (%)	Light Reflectance (%)	α_w	Class	Dncw / Dnfw (dB)	Fire reaction	% RH	Open Area

METAL SOLUTIONS

Unperforated	Silver	≤ 30	85	0.10(L)	NC	44	A1	95	–
Ultra Microperforation Rg 0501	Silver	≤ 30	83	0.45(L)	D	18	A1	95	0.64%
Extra Microperforation Rg 0701 + Fleece	Silver	≤ 30	80	0.55(L)	D	21	A2-s2, d0	95	1.5%
Extra Microperforation Rg 0701 + B15	Silver	≤ 30	80	0.70	C	40	A2-s1, d0	95	1.5%
Extra Microperforation Rg 0701 + OP19	Silver	≤ 30	80	0.65	C	31	A2-s2, d0	95	1.5%
Microperforation Rd 1522	Silver	≤ 30	65	0.15	E	13	A1	95	22%
Microperforation Rd 1522 + Fleece	Silver	≤ 30	65	0.70	C	16	A2-s2, d0	95	22%
Microperforation Rd 1522 + B15	Silver	≤ 30	65	0.60(H)	C	41	A2-s1, d0	95	22%
Microperforation Rd 1522 + OP19	Silver	≤ 30	65	1.00	A	27	A2-s2, d0	95	22%
Standard Perforation Rg 2516	Silver	≤ 30	70	0.15	E	13	A1	95	16%
Standard Perforation Rg 2516 + Fleece	Silver	≤ 30	70	0.75(L)	C	18	A2-s2, d0	95	16%
Standard Perforation Rg 2516 + B15	Silver	≤ 30	70	0.60(H)	C	41	A2-s1, d0	95	16%
Standard Perforation Rg 2516 + OP19	Silver	≤ 30	70	0.95	A	28	A2-s2, d0	95	16%

MESH SOLUTIONS

KD 100	Silver	≤ 30	≤ 85	–	–	–	A2-s1, d0	95	35%
RB 25	Silver	≤ 30	≤ 85	–	–	–	A2-s1, d0	95	50%
RB 35	Silver	≤ 30	≤ 85	–	–	–	A2-s1, d0	95	58%
RB 55	Silver	≤ 30	≤ 85	–	–	–	A2-s1, d0	95	62%

WOOD SOLUTIONS

Unperforated		90	–	0.10(L)	–	–	–	–	–
Rv 0505d		90	–	0.60(LM)	–	–	–	–	5%
Rg 1503d		90	–	0.35(LM)	–	–	–	–	3%
Rg 3003d		90	–	0.40(L)	–	–	–	–	3%
Rg 5008		90	–	0.55(L)	–	–	–	–	8%
Rg 7015		90	–	0.70(L)	–	–	–	–	15%
G 33202		90	–	0.40	–	–	–	–	2%
G 30809		90	–	0.80	–	–	–	–	9%
G 31604		90	–	0.65	–	–	–	–	4%
G 33204		90	–	0.60	–	–	–	–	4%

SUSPENSION SYSTEMS

GENERAL APPLICATIONS:

Prelude 15 TL & XL², Prelude 24 TL² & XL², Prelude 24 Sixty², Prelude 24 Sixty² Corridor, Prelude 35 XL², Prelude 35 Sixty² XL², Bandraster, System Z Prelude 24 / Bandraster / Corridor, U-Profile Systems (U-Profile + DP12 A-Bar, U-Profile + J-Bar, U-Profile + C-Profile, U-Profile + H-Profile, U-Profile + L-Profile), C-Channel + Spring-T

DESIGN OPTIONS:

Silhouette 3mm XL², Silhouette 6mm XL², Interlude HRC XL²

C2C SUSTAINABLE PERFORMANCE:

Prelude 15 TL & XL², Prelude 24 TL² & XL², Prelude 24 Sixty², Prelude 24 Sixty² Corridor, Prelude 35 XL², Prelude 35 Sixty² XL², Bandraster, System Z (Prelude 24 / Bandraster / Corridor), DGS, Spring-T

HIGH RECYCLED CONTENT:

Interlude HRC XL²

HIGH LOADING PERFORMANCE:

Prelude 24 Sixty², Prelude 24 Sixty² Corridor, Prelude 35 Sixty²

PLASTERBOARD SOLUTIONS:

DGS, DGS Shortspan, DGS Facetted, AXIOM Transitions, AXIOM Profiles, AXIOM Blind Boxes, AXIOM Perimeter Trims

PERIMETER SOLUTIONS:

AXIOM Transitions, AXIOM Profiles, AXIOM Blind Boxes, AXIOM Perimeter Trims

SEISMIC PERFORMANCE:

Seismic Rx

CLEAN ROOM PERFORMANCE:

Clean Room 24

HIGH HUMIDITY PERFORMANCE:

Prelude 24 Corrosive Resistant

LONG SPAN SOLUTIONS:

Longspan, Prelude 24 Sixty²

Cradle to cradle	Recycled content (%)	Light Reflectance (%)	α_w	Class	Dncw / Dnfw (dB)	Fire reaction	% RH	Air Quality

FLOATING CEILING SOLUTIONS

Optima Canopy		80	87	1.23 - 3.57 sabines (m ²)	N/A	B-s1, d0	90	–
Optima L Canopy		80	87	1.38 - 5.22 sabines (m ²)	N/A	B-s1, d0	90	–
Optima Curved Canopy		80	87	2.93 sabines (m ²)	N/A	B-s1, d0	90	–
Metal D-Clip / Metal D-H 700	Silver	Performances will depend on acoustic infill, perforation and colour.						
Mesh D-H 700 MT / Mesh Canopy MT	Silver	30	–	–	N/A	A2-s1, d0	95	–
Metal Canopy	Silver	30	80 - 85	3.15 sabines (m ²)	N/A	B-s2, d0	90	–
Axiom Canopy C, L, KE, Circle & Curved		25	≤ 90	2.50 sabines (m ²)	N/A	A2-s1, d0	N/A	–
Optima Baffles & Optima Baffles Curves		80	87	0.60(MH)	C	N/A	B-s1, d0	90
Metal Baffles / Metal V-P 500 / Metal V-K 500	Silver	30	65	0.55(H)	D	N/A	A2-s1, d0	90

Sabines: average 250-4000 Hz.

MINERAL SOLUTIONS

Ultima*	Bronze	33 - 37	87	0.65(H)-0.75(H)	C	33 - 40	A2-s1, d0	95	ISO 5 / A+
Ultima* OP	Bronze	17 - 20	87	1.00	A	25	A2-s1, d0	95	ISO 5 / A+
Ultima* dB	Bronze	36 - 43	87	0.60(H)	C	41 - 43	A2-s1, d0	90	ISO 5 / A+
Perla	Bronze	23 - 37	86	0.65(H)	C	35	A2-s1, d0	95	ISO 5 / A+
Perla OP 0.95	Bronze	80	87	0.95	A	25 - 27	A2-s1, d0	95	ISO 5 / A+
Perla OP 1.00	Bronze	30	–	1.00	A	25	A2-s1, d0	95	ISO 5 / A+
Perla dB	Bronze	30	80 - 85	0.50(H)-0.60(H)	C / D ¹	41 - 43	A2-s1, d0	95	ISO 5 / A+
Sierra		25	≤ 90	0.70(H)	C	28	A2-s1, d0	95	ISO 5 / A
Sierra OP		80	87	0.90	A	25 - 29	A2-s1, d0	95	ISO 5 / A+
Optima		30	65	0.90 - 1.00	A	24 (25mm)	A2-s1, d0	95	–
Neeva		80	87	0.90 - 1.00	A	24 - 27	A1	95	–
Plain		80	87	0.20(L)	E	35	A2-s1, d0	95	–
Sahara		80	87	0.60 - 0.65	C	34 - 39	A2-s1, d0	95	–
Sahara Max		30	65 - 85	0.65	C	35	A2-s1, d0	95	–
Sahara dB		80	87	0.60	C	39	A2-s1, d0	95	–
Fine Fissured		30	–	0.60(H)	C	34	A2-s1, d0	95	–
Graphis		30	80 - 85	0.15(L)	E	36	A2-s2, d0	70	–
Colortone Dune eVo		30	65 - 85	0.55	D	35	A2-s1, d0	95	–
Colortone Neeva		80	87	1.00	A	24 (18mm)	A1/A2-S1, d0	95	–
Colortone Fine Fissured		30	–	0.60(H)	C	36	A2-s1, d0	95	–

¹ Planks only.

SPECIFIC SOLUTIONS

BioGuard Acoustic OP		17	87	0.95	A	25	A2-s1, d0	95	ISO 3
BioGuard Acoustic		42	87	0.60(H)	C	36	A2-s1, d0	95	ISO 4 ¹
BioGuard Plain		37 - 40	87	0.20(L)	E	35	A2-s1, d0	95	ISO 4 ²
SaniGuard		42 - 79	85	0.95	A	25	A2-s1, d0	95	ISO 5
Parafon Hygien		20	82	0.95	A	–	A2-s1, d0	95	–
Clean Room FL		39	78	0.15	E	36	A2-s1, d0	95	–
Hydroboard		20	82	0.95	A	22	A1	100	–
Ceramaguard		37	79	0.55(MH)	D	39	A1	100	–
Newtone		–	84	0.10(L)	E	37	A2-s1, d0	100	–

¹ With Clean Room 24 grid.

² With Prelude grid.

DEFINITION OF TECHNICAL PERFORMANCE ICONS



30 YEAR SYSTEM GUARANTEE
Products which, when installed with the compatible Knauf Armstrong tile/grid/accessories, have the Knauf Armstrong 30 year System Warranty.



SOUND ABSORPTION
A single-number rating for random incidence sound absorption coefficients as calculated by reference to EN ISO 11654 (α_w) or, as calculated by reference to ASTM C423 (NRC).



SOUND ABSORPTION CLASS
A classification for sound absorption (A – E) based upon the sound absorption α_w value.



SOUND REDUCTION
A single-number rating for airborne sound transmission (single pass) as calculated by reference to EN ISO 717-1.



SOUND ATTENUATION
A single-number rating for flanking sound transmission between adjacent rooms, as calculated by reference to EN ISO 717-1.



FIRE REACTION
Reaction to fire classification in accordance with EN 13501-1 expressed as Euroclass (A1 – F).



HUMIDITY RESISTANCE
Maximum relative humidity conditions for installation and lifetime of ceiling.



LIGHT REFLECTANCE
Light reflection is the proportion of incident light that is reflected back off the product, when tested in accordance with EN ISO 7724-2 and 3.



LIGHT DIFFUSION
The percentage of reflected light which is diffused.



AIR QUALITY
Knauf Armstrong solutions designed to limit the number of airborne particles in a clean room environment are tested against ISO 14644-1 and classified with an ISO class.



THERMAL CONDUCTIVITY
Tested in accordance with EN 12667, the thermal conductivity rating measures the rate of heat flow through a material.



SCRATCH RESISTANCE
Products with this icon offer a superior level of surface scratch resistance, evaluated with the Hess Rake test.



PRODUCT HANDLING & DURABILITY
Solutions with enhanced durability for improved handling and resistance to damage.



WEIGHT
Weight per unit area of the product (kg/m²).



COLOURS
Custom colours available for products with this icon.



DIMENSIONS
Custom sizes available for products with this icon.



GRID SYSTEMS
Additional compatible grid systems for TechZone available upon request.



SHAPES
Custom shapes available for products with this icon.



PERFORATIONS / PATTERNS
Custom perforations/patterns available for products with this icon.



BIOGUARD / ANTIMICROBIAL
Bioguard antimicrobial finish as standard on Bioguard Plain and Bioguard Acoustic mineral tiles, and available as a custom option for metal products with this icon.



TRIOGUARD
TrioGuard dirt resistant coating available for products with this icon.



ACOUSTIC INFILLS
Custom acoustic infills available for products with this icon.



SECURITY
Secure solutions using specifically designed components and assemblies available for systems with this icon.



EFFECTS
Effects on Metal finishes available on request for product with this icon.



VENEERS
Additional custom wood veneer effects possible for products with this icon.



SEISMIC
Seismic resistance using specifically designed components and assemblies available for systems with this icon.



SWING-DOWN FUNCTION
Swing-down functionality available for systems with this icon.



SERVICE INTEGRATION
Custom factory cut-outs for service integration available for products with this icon.



EXTERIOR SOLUTIONS
Exterior ceiling tiles available for products with this icon.



IMPACT SOLUTIONS
Impact solutions ceiling tiles available for products with this icon.



RECYCLED CONTENT
The recycled content of the product, as calculated in accordance with ISO 14021:2016.



CERTIFIED CRADLE TO CRADLE
Products with this icon are C2C certified, providing a transparent mechanism to compare the sustainability performance of products, showing that they are designed for recycling and can help protect and sustain our environment for future generations by keeping resources in the economy for longer.



ENVIRONMENTAL PRODUCT DECLARATIONS (EPD)
are independently verified and registered documents that communicate transparent and comparable information about the life-cycle environmental impact of products. Knauf Armstrong EPDs have been third party certified by IBU (Institut Bauen und Umwelt e.V. (IBU) as conforming to the requirements of ISO 14025.



VOC
The VOC emission performance in accordance with the French labelling requirements.



FORMALDEHYDE (E1)
Formaldehyde emission level (E1 = lowest test result possible).



BIM
BIM objects available for products with this icon.

CLEANING AND DISINFECTION

The frequency and cleaning method of a ceiling varies from one application to another. All products can at least be cleaned with a dry cloth or vacuum cleaner.



Wipeable with a dry cloth / soft brush.



Wipeable with a moist cloth.



Washable with a sponge dampened in water containing mild soap or diluted detergent.



Scrubable with water containing mild soap or diluted detergent.



Can be cleaned using a high pressure water spray.



Can be cleaned using focus compressed air.



Can be cleaned with disinfectants commonly used in healthcare premises.

CE MARKING

In Europe, the Construction Products Regulations (305/2011/EU) defines essential requirements for products (and projects) such that they are safe and fit for their intended use. Harmonized Product Standards respond to these essential requirements and set out what tests must be conducted and how the performance must be communicated. For suspended ceilings the applicable product standard is EN 13964 Suspended Ceilings – Requirements & Test Methods.

The essential requirements identified for suspended ceiling membranes (tiles & baffles) include:

- Reaction to Fire (mandatory)
- Formaldehyde Emissions (mandatory)
- Sound Absorption
- Flexural Tensile Strength / Durability
- Thermal conductivity

It is mandatory to CE Mark products within the scope of EN 13964 and provide a Declaration of Performance in order to place the product on the market.

All Knauf Armstrong Declarations of Performance can be found on Knauf Armstrong's website.



CRADLE TO CRADLE®
THE WAY FORWARD

Knauf Armstrong is the first ceiling supplier in Europe to achieve Cradle to Cradle certification. We can provide full systems – tile and grid – Cradle to Cradle® certified.

The Cradle to Cradle® programme has been developed to meet growing customer demand for sustainable products, with C2C certification already becoming a requirement for building projects in Europe.

C2C Product Certification:

- Helps customers choose good-quality and healthy materials without paying more.
- Provides transparency regarding material safety and a safer environment for building users.

GREEN BUILDING

KNAUF ARMSTRONG ENVIRONMENTAL COMMITMENT

ENERGY SAVING



SAVE energy: a light reflectance of 85% and more to allow 15% of cost savings.

MATERIALS & PRODUCT STEWARDSHIP



CHOOSE low impact products with high recycled content.



HEALTH & WELLBEING



ENHANCE indoor environment quality.

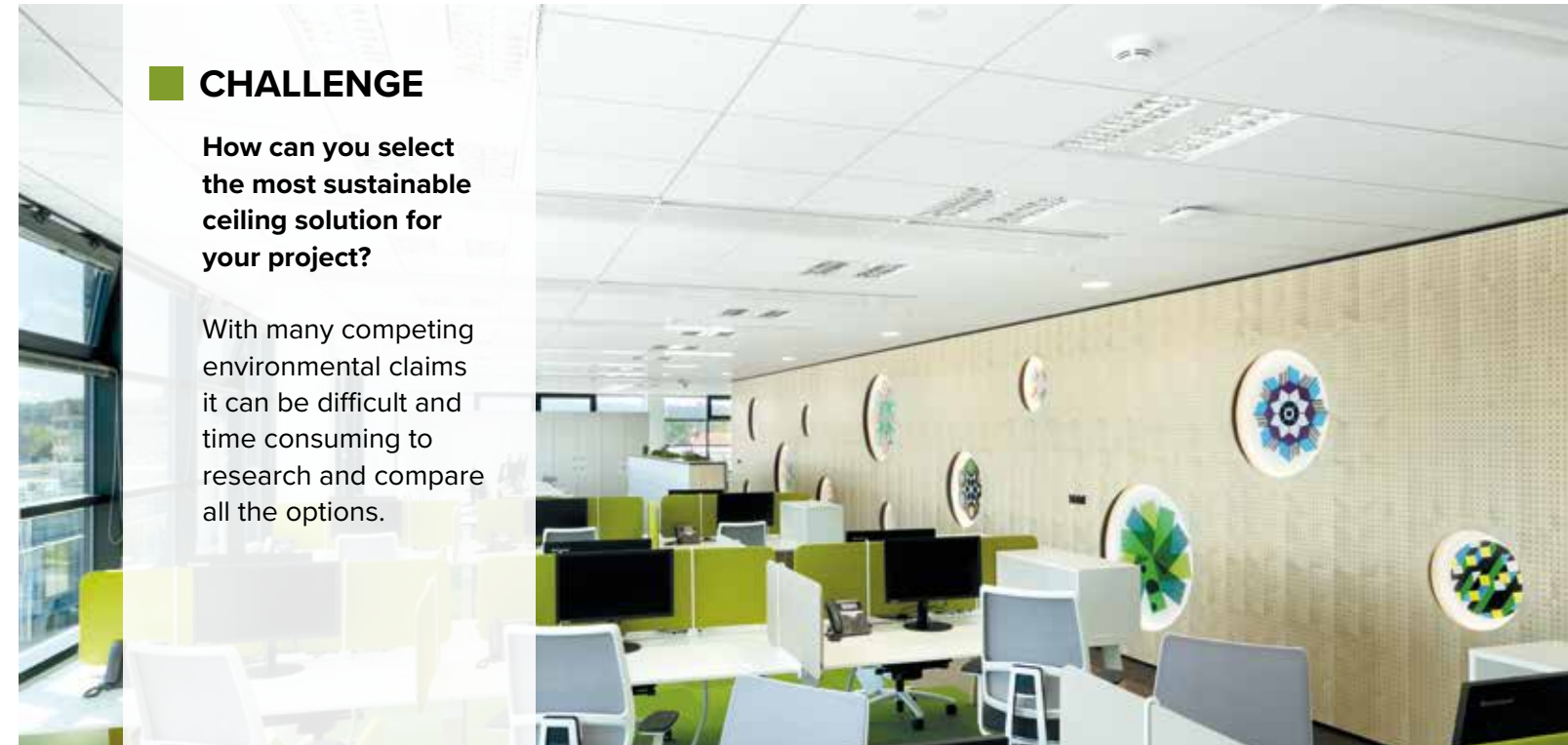
CRADLE TO CRADLE



REDUCE your environmental impact: first ceiling supplier in Europe to achieve Cradle to Cradle certification.



SUSTAINABLE
CEILING SOLUTIONS



CHALLENGE

How can you select the most sustainable ceiling solution for your project?

With many competing environmental claims it can be difficult and time consuming to research and compare all the options.

RECOMMENDED GREEN PRODUCTS:



Clean Room Application

LEED® v4
BREEAM
WELL
DGNB
HQE

	Cradle to Cradle Certified™	Recycled Content (%)	Environmental Product Declaration	Indoor Air Quality Low Emissions	Clean Room Application	LEED® v4 BREEAM WELL DGNB HQE
MINERAL						
ULTIMA+	Bronze	≤ 43	✓	A+	ISO 5	✓
PERLA	Bronze	≤ 79	✓	A+	ISO 5	✓
METAL						
METAL Solutions	Silver	≤ 30		A+		✓
MESH Solutions	Silver	≤ 30		A+		✓
SUSPENSION SYSTEM						
PRELUDE	Silver	25		A+	ISO 3	✓
DGS	Silver	25		A+		✓



FLOATING CEILING SOLUTIONS

METAL CANOPIES

- METAL CANOPY
- METAL D-Clip / METAL D-H 700

MESH CANOPIES

- MESH D-H 700 MT / MESH CANOPY MT

MINERAL CANOPIES

- OPTIMA CURVED CANOPY
- OPTIMA CANOPY
- OPTIMA L CANOPY

AXIOM CANOPIES

- AXIOM C CANOPY
- AXIOM C CANOPY SL2 PLANKS
- AXIOM KE CANOPY
- AXIOM CIRCLE & CURVED CANOPY
- AXIOM L CANOPY

BAFFLES

- OPTIMA BAFFLES & BAFFLES CURVES
- METAL BAFFLES
- METAL V-P 500 / METAL V-K 500

BENEFITS OF FLOATING CEILINGS

Flexible

Open up an almost endless range of dramatic design possibilities with baffles, canopies and accessories that can be suspended from any soffit. Get quick and simple 'Go where you need, do what you want' ceilings that can be easily relocated when needs change.

Great acoustics

Because all faces and edges are exposed, baffles and canopies can provide a greater sound absorption surface than continuous ceilings.

Light and bright

Specially engineered surfaces reflect up to 87% of light back to improve illumination, making spaces more bright and comfortable and cutting energy bills.

Modern

Floating ceilings introduce new shapes, add depth, scale and rhythm to internal spaces, creating a new, trendy aesthetic for modern building designers.

Green

Our canopies and baffles help create a more sustainable interior, contributing to a better indoor air quality, acoustical comfort and supporting high mass low energy construction. By improving light reflection they can also cut lighting energy use.



OPTIMA Baffles Curves



OPTIMA Curved Canopy



METAL Baffle V-P 500



METAL Canopy

MEET YOUR ACOUSTICAL REQUIREMENTS

Floating Ceilings can provide greater sound absorption than a traditional wall to wall ceiling of the same visible surface area because the sound is absorbed from both the front and back surfaces of the canopy.

Floating Ceilings installed in a typical "lively" space will help reduce the reverberation time.

Sabine per unit is preferred to characterise the absorption provided by an individual space absorber, such as canopies in:

- Open spaces, open plan offices, retail outlets
- Corridors / lobbies

Individual Baffles – vertically hung Canopies – can also be measured in sabines, however an array of Baffles will have an α_w .

Factors that may affect the installed acoustical performance relative to the published results are:

- Sizes of Canopies
- Number of Canopies and their layout
- Suspension distance below a finished ceiling
- Location and horizontal overlap of Canopy
- Ceiling tile selection (for AXIOM Canopies)

METAL CANOPY



METAL CANOPY

METAL Canopy is a range of 3 curved and flat metal canopies — Concave, Convex and Flat. Easily suspended direct from the building structure they can define spaces, accentuate an area, provide a focus or create ceiling sculptures, as well as controlling reverberation within the space.

Key features

- Define and accentuate spaces
- Easy installation
- Adjustable to special heights and angles
- Powder-coated steel panels
- Three panel types — flat, concave and convex
- Durable, easy to clean and maintain
- No visible frame, no visible grid

Application areas

Showrooms, entrance halls, transport hubs, meeting rooms, retail, waiting areas.

TRANSPORT
Nice Airport (FR)
METAL Canopy Concave



THICKNESS (mm)

40

SHAPES & SIZES (mm)

Flat	1890 x 1180	CS 7010M
Concave	1890 x 1180	CS 7011M
Convex	1890 x 1180	CS 7012M

Available in 1 piece / carton.

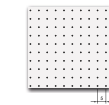
SUSPENSION SYSTEMS

Hanging Wire Kit M6. CS 5550¹

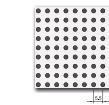
¹ Suspension system included in the canopy carton.

PERFORATIONS

Extra Microperforation Rg 0701



Standard Perforation Rg 2516



Front side: Rg 0701 Extra Microperforation 0.7 mm, 1% open area, for a clean visual
Rear side: Rg 2516 Standard Perforation 2.5 mm, 16% open area, for additional acoustical performance. Enclosed acoustical pad 20mm, 25 kg/m³

COLOURS



RAL 9010

SUSTAINABILITY



ACOUSTICS

	Sabines (m ²) ²	1/3 Octave band value (α _v)																		
		100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1000 Hz	1250 Hz	1600 Hz	2000 Hz	2500 Hz	3150 Hz	4000 Hz	5000 Hz	
Metal Canopy																				
Flat																				
Concave	2.50	0.49	1.00	0.91	1.03	1.38	1.96	2.14	2.54	2.72	2.76	2.76	2.67	2.74	2.41	2.27	1.96	2.30		
Convex																				

² Average 250-4000 Hz.

FIRE REACTION



EEA Euroclass B-s2, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



80%



90% RH



30 YEAR
system guarantee



Flat:
27 kg/pc
Concave/Convex:
33 kg/pc



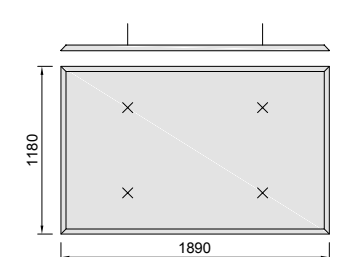
CUSTOM OPTIONS



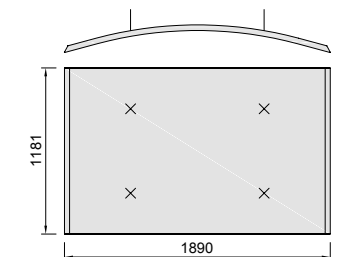
Colours

INSTALLATION

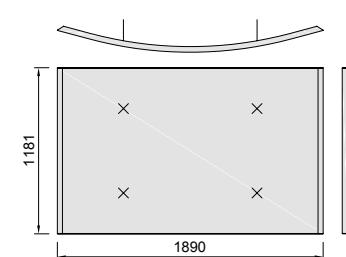
Flat installation



Concave installation



Convex installation



Edge detail

- Curved (concave/convex): Short sides: 47° / Long sides: 90°
- Flat: all sides 47°

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



METAL D-CLIP / METAL D-H 700

Knauf Armstrong's METAL D-CLIP and METAL D-H 700 systems are floating modular solutions for optimum flexibility. The product range features Clip-In and Hook-On rectangular panels that can be arranged to create distinctive design elements. In combination with Knauf Armstrong's suspension system it allows a minimal-height installation without any extra engineering required.

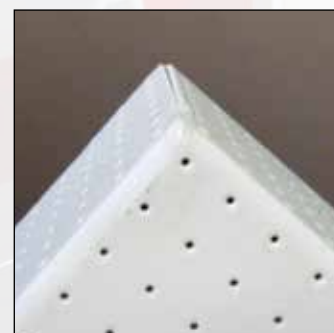
Key features

- Modular concept for optimum flexibility
- Low system height
- Modern absorber solution for exposed concrete soffits
- Customisation in size, colours and perforations available on request

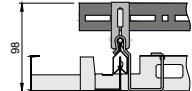
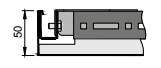







Application areas

Offices, meeting rooms, retail, auditoriums, multi-purpose halls, cafeterias.

OFFICE
Siemens, Rome (IT)
METAL D-H 700



METAL D-CLIP / METAL D-H 700

THICKNESS (mm)	METAL D-CLIP	METAL D-H 700
		
DIMENSIONS (mm)	Panel Length: 600 - 2500 Panel Width: 247 - 600 Max size (m ²): 1.5	Panel Length: 600 - 2750 (in steps of 25 mm) Panel Width: 250 - 600 (in steps of 25 mm) Max size (m ²): 1.65
SUSPENSION SYSTEMS	U-Profile + DP12 A-Bar	U-Profile (cross connected)
CUSTOM OPTIONS	 Colours  Dimensions  Perforations  Acoustic Infills  Service Integration  Swing-Down Function ¹  Security ¹	

¹ METAL D-Clip standard panel only.

INSTALLATION

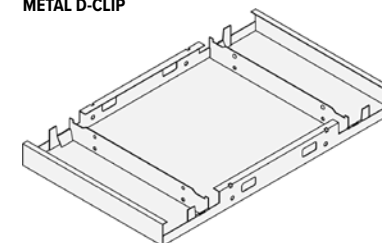


Modular Option

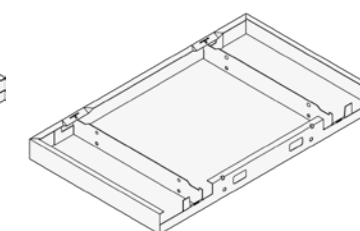


Single Panel

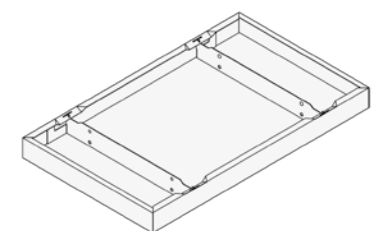
METAL D-CLIP



Standard Panel

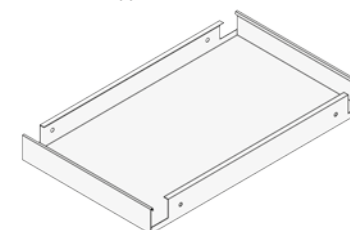


End Panel

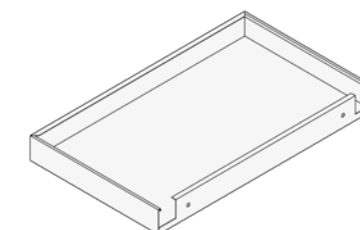


Single Panel

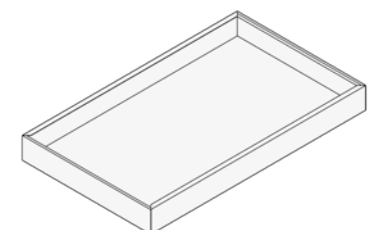
METAL D-H 700



Standard Panel



End Panel



Single Panel

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



MESH D-H 700 MT / MESH CANOPY MT

Knauf Armstrong offers custom Mesh metal options with Floating Ceilings. Breathe new life into your ceiling architecture — with a creative design, impressive simplicity and high performance.

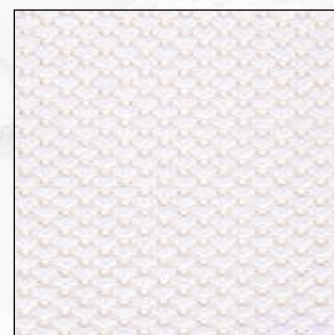
Key features

- MT version with solid edge framing
- Custom patterns and colours available

Application areas

Large rooms and flexible partitioning.

RETAIL
MESH CANOPY MT



MESH D-H 700 MT / MESH CANOPY MT

THICKNESS (mm)	MESH D-H 700 MT	MESH CANOPY MT
DIMENSIONS (mm)	Panel length: 585 - 2485 (in steps of 25 mm) Panel width: RB25 298 - 602 (in steps of 8 mm) RB35 / RB55 247 - 700	Panel length: 800 - 1200 Panel width: RB25 800 - 1202 (in steps of 8 mm) RB35 / RB55: 800-1200
SUSPENSION SYSTEMS	U-Profile (cross-connected)	Direct suspended (by threaded rod or wires)
PATTERNS		 RB25 RB35 RB55
COLOURS	 RAL 9010 RAL 9006 RAL 9007 RAL 9005	
SUSTAINABILITY	 30 A+ E1	
FIRE REACTION	 EEA Euroclass A2-s1, d0 EN 13501-1	
OTHER PERFORMANCES & FEATURES	 95% RH 30 YEAR system guarantee	
CUSTOM OPTIONS	 Colours Dimensions Perforations Service Integration Megapanel	

INSTALLATION OPTIONS

MESH D-H 700 MT

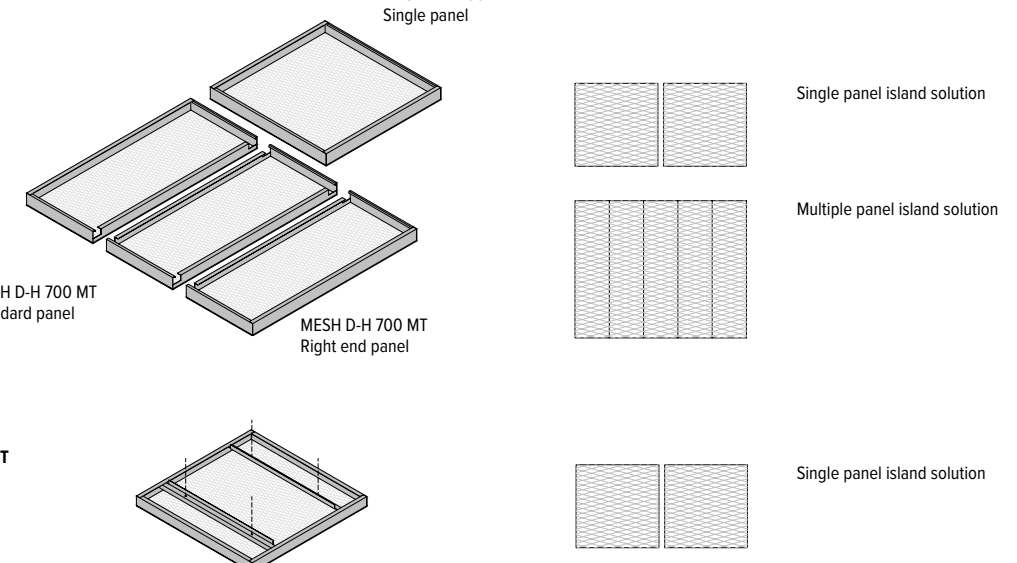
MESH D-H 700 MT
Single panel

MESH D-H 700 MT
Left end panel

MESH D-H 700 MT
Standard panel

MESH D-H 700 MT
Right end panel

MESH CANOPY MT



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

OPTIMA CURVED CANOPY



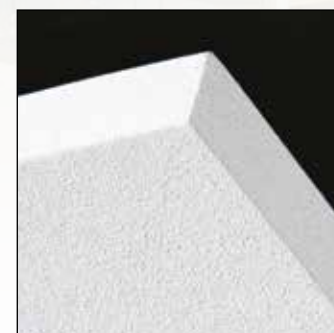
OPTIMA CURVED CANOPY

OPTIMA Curved Canopy is a curved floating ceiling canopy which can be installed in either a convex or concave format, creating various design options from a single canopy.

Key features

- Enhance the acoustics of your office, atrium or any large open space with OPTIMA Curved Canopy
- Very easy and quick to install under plasterboard ceilings, existing grid systems or exposed concrete soffits
- Exclusive finish with high light reflectance
- OPTIMA Curved Canopy enables you to accentuate an area and express your creativity

OFFICE
Headquarters of Martela (PL)
OPTIMA Curved Canopy



THICKNESS (mm)	30	
MODULES (mm)	1870 x 1181 CS 2810	Available with either 1 or 2 pieces / carton.
SUSPENSION SYSTEMS	Premium Spiral Anchor Hanging Kit CS 6636 ¹	¹ Suspension System included in the canopy carton.

SUSTAINABILITY



ACOUSTICS

	Sabines (m ²) ²	1/3 Octave band value (α _v)																	
		100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1000 Hz	1250 Hz	1600 Hz	2000 Hz	2500 Hz	3150 Hz	4000 Hz	5000 Hz
OPTIMA Curved Canopy	2.93	0.60	0.70	0.70	1.00	1.30	1.70	2.20	2.40	2.70	2.70	3.40	3.40	3.40	3.40	3.10	3.10	2.80	2.60

² Average 250-4000 Hz.

FIRE REACTION



EEA Euroclass B-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



87%



90% RH

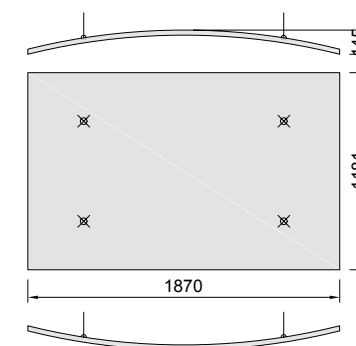
30 YEAR
system guarantee



10 kg/pc

INSTALLATIONS OPTIONS

Concave installation



Convex installation

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

OPTIMA CANOPY



OPTIMA CANOPY

OPTIMA Canopy is a range floating ceiling canopies providing high levels of sound absorption and is available in 10 standard shapes and sizes. Optima Canopies feature an embedded frame in the back to allow precise alignment and quick, easy to group installations.

Key features

- Install individually or in groups to create your own unique design
- Enhance acoustics in open areas
- Aesthetically define spaces
- Ten standard flat panels in multiple sizes and shapes
- Custom shapes and colours available
- Adjustable to various heights and angles
- Quick and easy to install from the soffit, through a ceiling, directly attached to plasterboard, on a standard suspension system or on a wall

OFFICE
Stanley Black & Decker (PL)
OPTIMA Canopy Trapezoid



THICKNESS (mm)

30

MODULES (mm)

Square	1170 x 1170	CS 5440	Trapezoid	1170 x 860	CS 5445
Convex	1170 x 1040	CS 5441	Left Parallelogram	1170 x 1020	CS 5446
Concave	1170 x 1040	CS 5442	Right Parallelogram	1170 x 1020	CS 5447
Circle	Ø 1170	CS 5443	Small Rectangle	1780 x 1170	CS 5448
Hexagon	1170 x 1010	CS 5444	Large Rectangle	2390 x 1170	CS 5449

Available with either 1 or 2 pieces / carton.
Suspension systems not included in the carton.

SUSPENSION SYSTEMS

Deck Hanging Kit	CS 5450
Grouping Frame	CS 5451 ¹
Drywall Hanging Kit	CS 5455
Wall Hanging Kit	CS 5588

¹Frame available in black and white.
Additional accessories available on request.

SUSTAINABILITY



80



A



E1

ACOUSTICS

OPTIMA Canopy	Sabines (m ²) ²	1/3 Octave band value (α _v)																	
		100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1000 Hz	1250 Hz	1600 Hz	2000 Hz	2500 Hz	3150 Hz	4000 Hz	5000 Hz
Square	1.83	0.40	0.50	0.40	0.50	0.70	0.90	1.20	1.30	1.70	1.90	2.20	2.10	2.10	2.10	1.90	1.90	1.80	1.70
Convex	1.47	0.00	0.48	0.36	0.48	0.60	0.72	0.96	1.08	1.32	1.44	1.68	1.68	1.80	1.68	1.56	1.56	1.44	1.44
Concave	1.73	0.00	0.57	0.42	0.57	0.71	0.85	1.13	1.27	1.56	1.70	1.98	1.98	2.12	1.98	1.84	1.84	1.70	1.70
Circle	1.61	0.00	0.53	0.39	0.53	0.66	0.79	1.05	1.18	1.45	1.58	1.84	1.84	1.97	1.84	1.71	1.71	1.58	1.58
Hexagon	1.23	0.00	0.40	0.30	0.40	0.50	0.60	0.80	0.90	1.10	1.20	1.40	1.40	1.50	1.40	1.30	1.30	1.20	1.20
Trapezoid	1.64	0.00	0.53	0.40	0.53	0.67	0.80	1.07	1.20	1.47	1.60	1.87	1.87	2.01	1.87	1.74	1.74	1.60	1.60
Left Parallelogram	1.64	0.00	0.53	0.40	0.53	0.67	0.80	1.07	1.20	1.47	1.60	1.87	1.87	2.01	1.87	1.74	1.74	1.60	1.60
Right Parallelogram	1.64	0.00	0.53	0.40	0.53	0.67	0.80	1.07	1.20	1.47	1.60	1.87	1.87	2.01	1.87	1.74	1.74	1.60	1.60
Small Rectangle	2.70	0.61	0.76	0.61	0.76	1.06	1.37	1.82	1.97	2.58	2.88	3.34	3.19	3.19	3.19	2.88	2.88	2.73	2.58
Large Rectangle	3.57	0.50	0.60	0.80	1.30	1.70	1.80	2.40	2.80	3.10	3.70	4.10	4.10	4.00	4.00	3.80	3.60	3.60	3.60

² Average 250-4000 Hz.

FIRE REACTION



EEA Euroclass B-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



87%



90% RH



Square: 4.9 kg/pc
Convex: 4.5 kg/pc
Concave, Circle: 3.9 kg/pc
Hexagon: 3.2 kg/pc
Trapezoid, Left Parallelogram,
Right Parallelogram: 4.3 kg/pc
Small Rectangle: 7.5 kg/pc
Large Rectangle: 10.1 kg/pc



30 YEAR
system
guarantee

CUSTOM OPTIONS



Colours



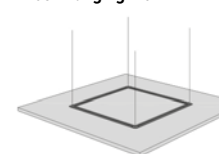
Dimensions



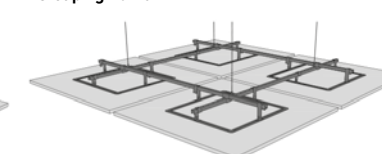
Shapes

INSTALLATIONS OPTIONS

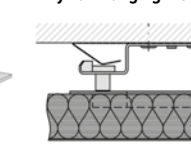
Deck Hanging Kit



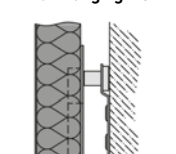
Grouping frame



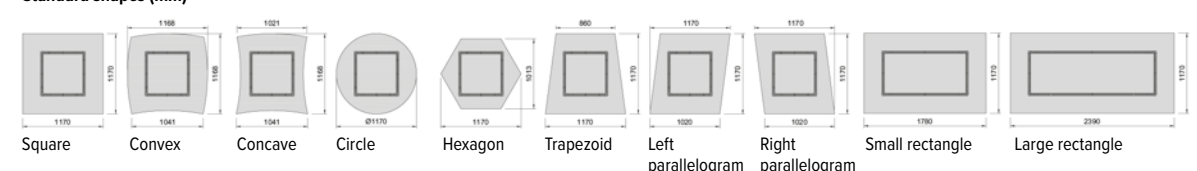
Drywall Hanging Kit



Wall Hanging Kit



Standard shapes (mm)



[2019-12] All sizes are nominal. Product availability may vary.
Please contact us or visit www.knaufarmstrong.com for more information.

OPTIMA L CANOPY



OPTIMA L CANOPY

OPTIMA L Canopy is a range of floating ceilings providing high levels of sound absorption and available in three shapes — square, rectangle and circle — and seven sizes.

Key features

- A cost effective design solution for open areas providing excellent sound absorption and light reflectance
- To be used in new spaces or to rejuvenate or renovate an existing area
- Very easy and quick to install under plasterboard ceilings, existing grid systems or exposed concrete soffits
- White on all surfaces giving a high quality appearance

RETAIL
Galeria Modo Fashion House (PL)
Custom OPTIMA L Canopy



THICKNESS (mm)

40

MODULES (mm)

Small Rectangle	1200 x 600	CS5045
Square	1200 x 1200	CS4976
Medium Rectangle A	1800 x 900	CS4977
Medium Rectangle B	1800 x 1200	CS5046
Large Rectangle	2400 x 1200	CS4978
Small Circle	Ø 800	CS5137
Circle	Ø 1200	CS5138

Available in 2 pieces / carton.

SUSPENSION SYSTEMS

Basic Spiral Anchor Hanging Kit CS 4979

SUSTAINABILITY



80



A



E1

ACOUSTICS

OPTIMA L Canopy	Sabines (m ²) ¹	1/3 Octave band value (α)																	
		100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1000 Hz	1250 Hz	1600 Hz	2000 Hz	2500 Hz	3150 Hz	4000 Hz	5000 Hz
Small Rectangle	1.38	0.25	0.35	0.30	0.45	0.60	0.75	0.80	1.05	1.25	1.65	1.60	1.55	1.50	1.45	1.45	1.35	1.50	1.40
Square	2.76	0.50	0.70	0.60	0.90	1.20	1.50	1.60	2.10	2.50	3.30	3.20	3.10	3.00	2.90	2.90	2.70	3.00	2.80
Medium Rectangle A	3.05	0.50	0.80	0.80	1.00	1.30	1.60	1.80	2.20	2.90	3.30	3.50	3.30	3.40	3.40	3.40	3.10	3.10	3.30
Medium Rectangle B	4.07	0.67	1.07	1.07	1.33	1.73	2.13	2.40	2.93	3.87	4.40	4.67	4.40	4.53	4.53	4.53	4.13	4.13	4.40
Large Rectangle	5.22	0.70	1.30	1.30	1.70	2.50	2.60	3.30	4.00	5.10	5.80	5.70	5.90	5.70	5.70	5.70	5.40	5.50	5.40
Small Circle	0.96	0.17	0.24	0.21	0.31	0.42	0.52	0.56	0.73	0.87	1.15	1.12	1.08	1.05	1.01	1.01	0.94	1.05	0.98
Circle	2.17	0.39	0.55	0.47	0.71	0.94	1.18	1.26	1.65	1.96	2.59	2.51	2.43	2.36	2.28	2.28	2.12	2.36	2.20

¹ Average 250-4000 Hz.

FIRE REACTION



EEA Euroclass B-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



87%



90% RH



Square: 6.9 kg/pc
Small Rectangle: 3.7 kg/pc
Medium Rectangle A: 7.8 kg/pc
Medium Rectangle B: 11 kg/pc
Large Rectangle: 13.8 kg/pc
Small Circle: 2.4 kg/pc
Circle: 5.4 kg/pc



30 YEAR
system
guarantee

CUSTOM OPTIONS



Colours

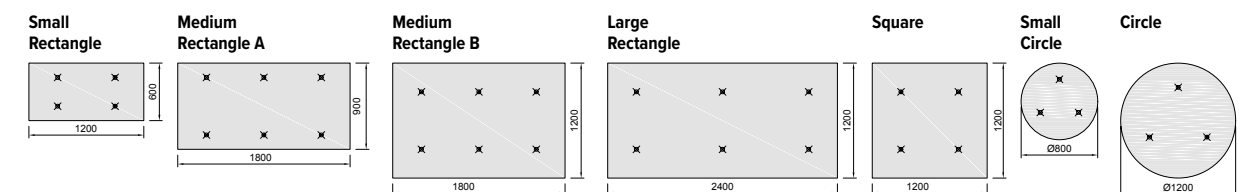


Dimensions



Shapes

INSTALLATIONS OPTIONS



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

AXIOM C CANOPY



AXIOM C CANOPY

Floating ceiling suspension kits using 112 mm AXIOM Profile frame to create ceiling clouds.

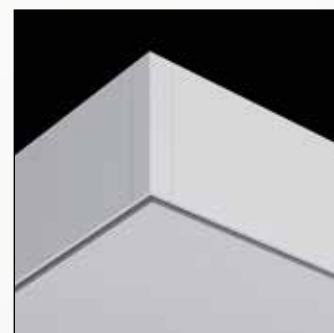
Key features

- Made-to-measure components and accessories all in a single box, ready-to-install for quick and easy installation
- Available in 10 standard modules with Prelude 24 or Prelude 15 grid for installation with full size ceiling tiles. Custom dimensions available on request
- Corner posts for high quality corner detailing

Application areas

Reception areas, meeting areas, circulation spaces, retail.

OFFICE
Stadhuis, Almere (NL)



SUSPENSION SYSTEMS

MODULES (mm)

AXIOM C Canopy - 15 mm XL ²	
1200 x 1200	AX 22 G15
1800 x 1200	AX 32 G15
1800 x 1800	AX 33 G15
2400 x 1200	AX 42 G15
2400 x 1800	AX 43 G15
2400 x 2400	AX 44 G15
3000 x 1200	AX 52 G15
3000 x 1800	AX 53 G15
3000 x 2400	AX 54 G15
3000 x 3000	AX 55 G15

AXIOM C Canopy - 24 mm XL²

1200 x 1200	AX 22 G24
1800 x 1200	AX 32 G24
1800 x 1800	AX 33 G24
2400 x 1200	AX 42 G24
2400 x 1800	AX 43 G24
2400 x 2400	AX 44 G24
3000 x 1200	AX 52 G24
3000 x 1800	AX 53 G24
3000 x 2400	AX 54 G24
3000 x 3000	AX 55 G24

Ceiling tiles are NOT included in the kits.

SUSPENSION SYSTEMS WIDTH (mm)

15

24

TILE COMPATIBILITY

MicroLook
MicroLook 90
Metal MicroLook 8
Metal MicroLook 16
MicroLook BE
Mesh MicroLook 8

Board
Tegular
Tegular 90
Vector

Metal Axal Vector
Metal Tegular 8
Metal Tegular 11 F
Metal Tegular 16
Mesh Tegular 8

SUSTAINABILITY



A+



E1

FIRE REACTION¹



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

¹ For the Canopy kit.

OTHER PERFORMANCES & FEATURES



30 YEAR
system
guarantee

Other performances values will depend upon the infill tile used with the AXIOM C Canopy.

CUSTOM OPTIONS



Colours



Dimensions

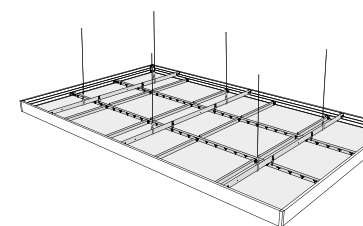
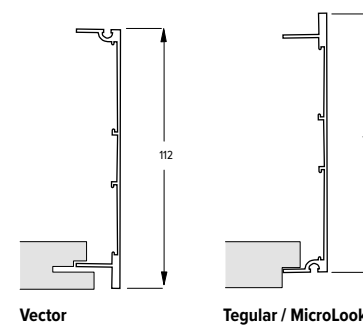


Shapes



Service
Integration

INSTALLATION LAYOUT



	3000	2400	1800	1200
1200	10 tiles	8 tiles	6 tiles	4 tiles
1800	15 tiles	12 tiles	9 tiles	
2400	20 tiles	16 tiles		
3000	25 tiles			

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



AXIOM C CANOPY SL2 PLANKS

Floating ceiling suspension kits using 112 mm AXIOM Profile frame to create concealed ceiling clouds.

Key features

- Made-to-measure components and accessories all in a single box, ready-to-install for quick and easy installation
- Available in 6 standard modules with Z-Bars for installation with full size SL2 ceiling planks. Custom dimensions available on request
- Corner posts for high quality corner detailing

Application areas

Reception areas, meeting areas, circulation spaces, retail.

RETAIL
Mozzart Kladiionice (RS)
AXIOM C Canopy SL2 Planks
with ULTIMA*



AXIOM C CANOPY SL2 PLANKS

SUSPENSION SYSTEMS

AXIOM C Canopy SL2

MODULES (mm)

1800 x 1500	AX 36G SL2
2400 x 1500	AX 46G SL2
3000 x 1500	AX 56G SL2
1800 x 1800	AX 33G SL2
2400 x 1800	AX 43G SL2
3000 x 1800	AX 53G SL2

Ceiling tiles are NOT included in the kits.

TILE COMPATIBILITY

SL2

SUSTAINABILITY



A+



E1

FIRE REACTION¹



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

¹ For the Canopy kit.

OTHER PERFORMANCES & FEATURES



30 YEAR
system
guarantee

Other performances values will depend upon the infill tile used with the AXIOM C Canopy SL2 Planks.

CUSTOM OPTIONS



Colours



Dimensions

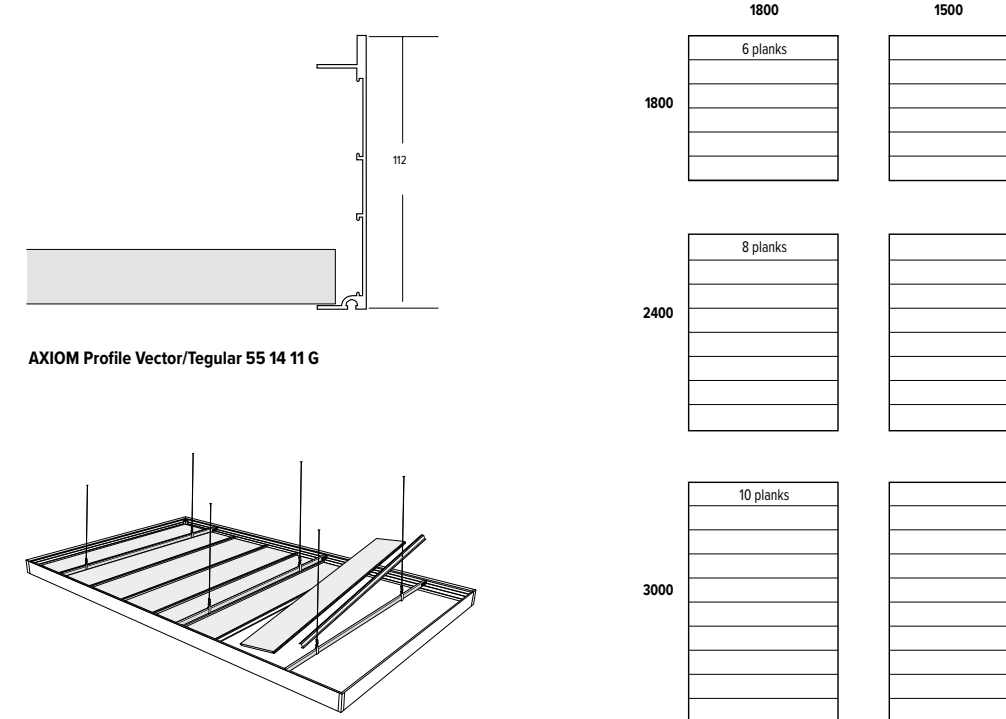


Shapes



Service
Integration

INSTALLATION LAYOUT



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

AXIOM KE CANOPY



AXIOM KE CANOPY

Floating ceiling suspension kits with AXIOM Knife Edge Profile for ceiling clouds with a sleek, minimalist appearance.

Key features

- Made-to-measure components and accessories all in a single box, ready-to-install for quick and easy installation
- Available in 10 standard modules with Prelude 15 or 24 grid for installation with full size ceiling tiles. Custom dimensions available on request
- Pre-fabricated corner sections for high quality corner detailing

Application areas

Reception areas, meeting areas, circulation spaces, retail.

RETAIL
Landesartze Kammer BW Stuttgart (DE)
AXIOM KE Canopy



SUSPENSION SYSTEMS	AXIOM KE Canopy - 15 mm XL ²	AXIOM KE Canopy - 24 mm XL ²
MODULES (mm)	1200 x 1200 AX 22 G15 1800 x 1200 AX 32 G15 1800 x 1800 AX 33 G15 2400 x 1200 AX 42 G15 2400 x 1800 AX 43 G15 2400 x 2400 AX 44 G15 3000 x 1200 AX 52 G15 3000 x 1800 AX 53 G15 3000 x 2400 AX 54 G15 3000 x 3000 AX 55 G15	1200 x 1200 AX 22 G24 1800 x 1200 AX 32 G24 1800 x 1800 AX 33 G24 2400 x 1200 AX 42 G24 2400 x 1800 AX 43 G24 2400 x 2400 AX 44 G24 3000 x 1200 AX 52 G24 3000 x 1800 AX 53 G24 3000 x 2400 AX 54 G24 3000 x 3000 AX 55 G24

Ceiling tiles are NOT included in the kits.

SUSPENSION SYSTEMS WIDTH (mm)	15	24	
TILE COMPATIBILITY	MicroLook MicroLook 90 Metal MicroLook 8 Metal MicroLook 16 MicroLook BE Mesh MicroLook 8	Board Tegular Tegular 90 Vector	Metal Axal Vector Metal Tegular 8 Metal Tegular 11 F Metal Tegular 16 Mesh Tegular 8

SUSTAINABILITY



A+



E1

FIRE REACTION¹



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

¹ For the Canopy kit.

OTHER PERFORMANCES & FEATURES



30 YEAR
system
guarantee

Other performances values will depend upon the infill tile used with the AXIOM KE Canopy.

CUSTOM OPTIONS



Colours



Dimensions

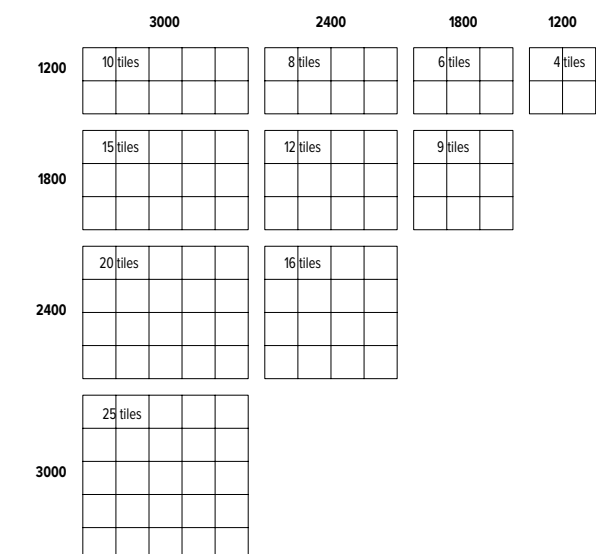
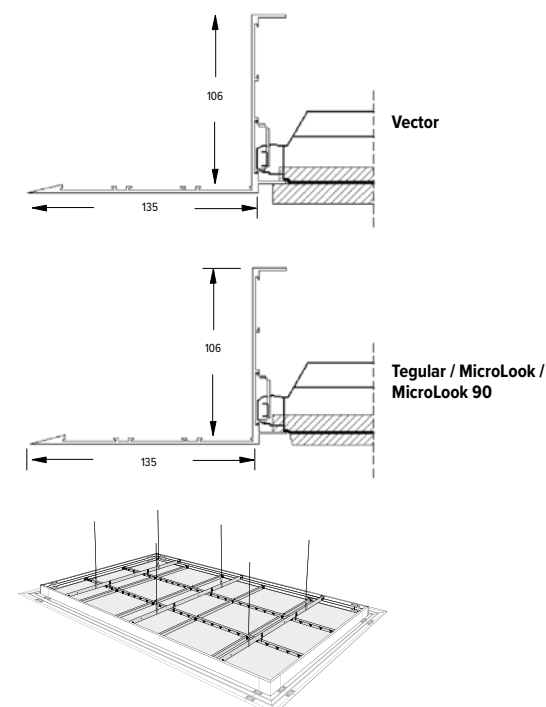


Shapes



Service
Integration

INSTALLATION LAYOUT



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



AXIOM CIRCLE & CURVED CANOPY

Floating ceiling suspension kits using curved 100 mm AXIOM Profile to create attractive rounded ceiling clouds.

Key features

- Made-to-measure components and accessories all in a single box, ready-to-install for quick and easy installation
- Available in 7 standard shapes/modules with Prelude 15 or Prelude 24 grid. Custom dimensions available on request.
- Pre-curved sections for high quality finish – no cutting on site











Application areas

Reception areas, meeting areas, circulation spaces, retail.

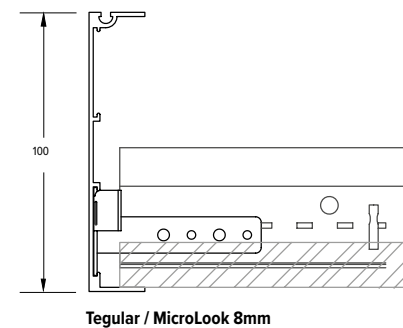
OFFICE
KLM Training Centre, Schiphol (NL)
AXIOM Circle Canopy



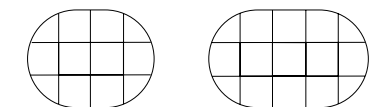
AXIOM CIRCLE & CURVED CANOPY

SUSPENSION SYSTEMS	Axiom Circle & Curved Canopy - 15 mm XL ²	Axiom Circle & Curved Canopy - 24 mm XL ²
MODULES (mm)	Circle Ø1800 CS ACI 33 G15 Circle Ø2400 CS ACI 44 G15 Curved 2400 x 1800 CS ACU 43 G15 Curved 2400 x 2400 CS ACU 44 G15 Curved 3000 x 1800 CS ACU 53 G15 Curved 3000 x 2400 CS ACU 54 G15 Curved 3000 x 3000 CS ACU 55 G15	Circle Ø1800 CS ACI 33 G24 Circle Ø2400 CS ACI 44 G24 Curved 2400 x 1800 CS ACU 43 G24 Curved 2400 x 2400 CS ACU 44 G24 Curved 3000 x 1800 CS ACU 53 G24 Curved 3000 x 2400 CS ACU 54 G24 Curved 3000 x 3000 CS ACU 55 G24
Ceiling tiles are NOT included in the kits.		
SUSPENSION SYSTEMS WIDTH (mm)	15	24
TILE COMPATIBILITY	MicroLook 90 MicroLook BE	Tegular 8 Tegular 90
SUSTAINABILITY	 A+  E1	
FIRE REACTION¹	 EEA Euroclass A2-s1, d0 EN 13501-1	RUS KM1 (G1, V1, D1, T1) FZ 123
OTHER PERFORMANCES & FEATURES	  	30 YEAR system guarantee Other performances values will depend upon the infill tile used with the AXIOM Circle or Curved Canopy
CUSTOM OPTIONS	 Colours  Dimensions  Shapes  Service Integration	

INSTALLATION LAYOUT

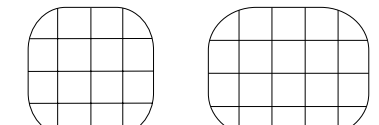


AXIOM Curved Canopies



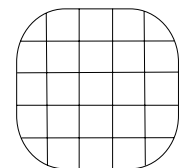
1.8m x 2.4m Canopy

1.8m x 3m Canopy



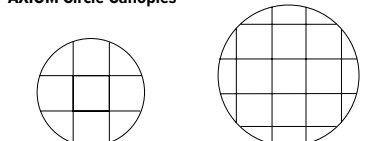
2.4m x 2.4m Canopy

2.4m x 3m Canopy



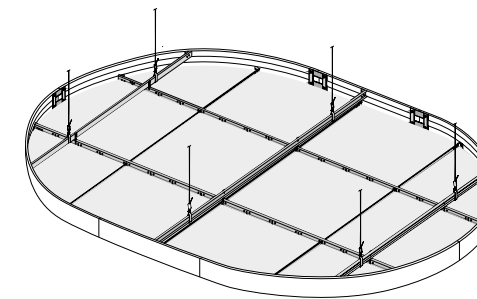
3m x 3m Canopy

AXIOM Circle Canopies



Ø 1800

Ø 2400



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

AXIOM L CANOPY



AXIOM L CANOPY

Floating ceiling suspension kits using a shorter AXIOM L Profile frame to create simple ceiling clouds.

Key features

- Made-to-measure components and accessories all in a single box, ready-to-install for quick and easy installation
- Available in 5 standard modules with Prelude 24 Sixty² Main Runner for installation with full size ceiling tiles

Application areas

Reception areas, meeting areas, circulation spaces, retail.

LEISURE
AXIOM L Canopy



SUSPENSION SYSTEMS

AXIOM L Canopy - 24 mm XL²

MODULES (mm)		
1800 x 1200	.....	CS AL 32 G24
1800 x 1800	.....	CS AL 33 G24
2400 x 1200	.....	CS AL 42 G24
2400 x 1800	.....	CS AL 43 G24
2400 x 2400	.....	CS AL 44 G24

Ceiling tiles are NOT included in the kits.

SUSPENSION SYSTEMS WIDTH (mm)

24

TILE COMPATIBILITY

Board	Metal Axal Vector
Tegular	Metal Tegular 8
Metal Board	Metal Tegular 11 F
Metal Tegular	Metal Tegular 16
	Mesh Tegular 8

SUSTAINABILITY



A+



E1

FIRE REACTION¹



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

¹ For the Canopy kit.

OTHER PERFORMANCES & FEATURES



30 YEAR
system
guarantee

Other performances values will depend upon the infill tile used with the AXIOM L Canopy.

CUSTOM OPTIONS

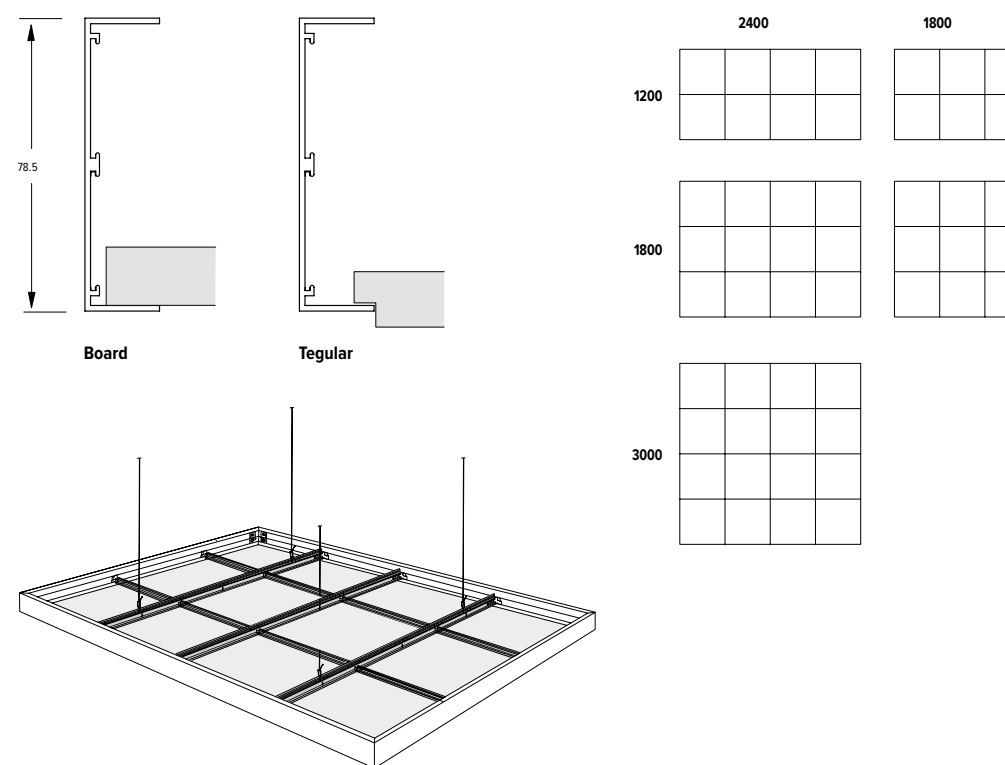


Colours



Dimensions

INSTALLATION LAYOUT



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



OPTIMA BAFFLES & BAFFLES CURVES

OPTIMA Baffles is a range of high performance acoustical baffles, available in two standard dimensions, with integrated suspension anchor factory fitted for easy alignment and installation. With OPTIMA BAFFLES CURVES you can create exciting interiors without compromising acoustic performance, even with modern exposed soffit ceilings.

Key features

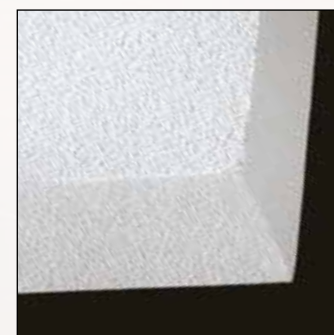
- Modern linear appearance
- Great acoustic performance: Reduce noise levels, increase speech intelligibility and reduce reverberation time in the space
- Integrated suspension anchor factory fitted for easy alignment and installation
- Install individually or in groups
- High light reflectance for energy savings

Application areas

Typically used to provide high levels of acoustic absorption in schools, offices, leisure centres, transport hubs, etc.

EDUCATION

Ivanja Reka Primary School (HR)
OPTIMA Baffles Curves



OPTIMA BAFFLES & BAFFLES CURVES

THICKNESS (mm)	40		
MODULES (mm)	OPTIMA Baffles		OPTIMA Baffles Curves
	1200 x 300	.....CS 5171	..... CS 5173
	1800 x 300	.....CS 5172	..... CS 5174
	1200 x 400	.....CS 5133	.....CS 5163
	1800 x 400	.....CS 5134	.....CS 5164

Available in 2 pieces / carton.

SUSPENSION SYSTEMS	Hanging Wire Kit	..... CS 5135
	U-Profile grouping option	
	Prelude 24 Main Runner grouping option	

SUSTAINABILITY

EN ISO 14021

80

A

EN 13964

E1

ACOUSTICS

EN ISO 354 & EN ISO 11654

OPTIMA Baffles & Baffles Curves	α_w	Class	NRC	Octave band value (α_p)					
				125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
300mm Baffles; rows at 300mm centres	0.60(MH)	C	0.65	0.15	0.35	0.55	0.85	0.80	0.75
400mm Baffles; rows at 450mm centres	0.60(MH)	C	0.65	0.15	0.40	0.55	0.85	0.80	0.75

Sabines data for individually hung Baffles available upon request.

FIRE REACTION

EEA Euroclass B-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES

87%

90% RH

30 YEAR
system guarantee

1200 x 300: 2.1 kg/pc
1800 x 300: 3.1 kg/pc
1200 x 400: 2.7 kg/pc
1800 x 400: 4 kg/pc

CUSTOM OPTIONS

Colours

Dimensions

Shapes

INSTALLATIONS OPTIONS

OPTIMA Baffles

Module 1200 x 300 / 1200 x 400 mm

Module 1800 x 300 / 1800 x 400 mm

OPTIMA Baffles Curves

Module 1200 x 300 / 1200 x 400 mm

Module 1800 x 300 / 1800 x 400 mm

[2020-04] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

METAL BAFFLES



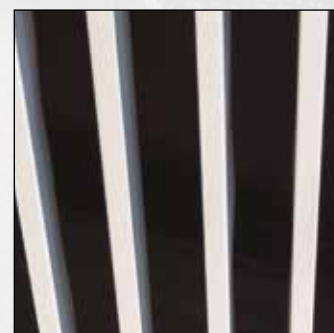
METAL BAFFLES

Typically used in acoustically-challenged spaces, in airports, rail terminals, semi-exposed soffit buildings, offices, retail, leisure centres, etc.

Key features

- Modern linear appearance
- Custom perforations, dimensions and configurations available as part of the METAL V-P 500 and METAL V-K 500 Baffle systems
- Excellent acoustic performance: reduce noise levels, increase speech intelligibility, reduce reverberation time
- Install individually or in groups (METAL V-P 500 system)
- Robust, engineered solution
- Quick and easy to install
- High light reflectance

OFFICE
METAL Baffles



THICKNESS (mm)	30
MODULES (mm)	1800 x 300 CS 5128M

Available in 2 pieces / carton.

SUSPENSION SYSTEMS	METAL Baffles Hanging Kit CS 5136 ¹
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¹ METAL Baffles Hanging Kit not included. Please order accessory kit based on installation configuration. For grouping option, see METAL V-P 500 system.

SUSTAINABILITY	   
	80 A E1

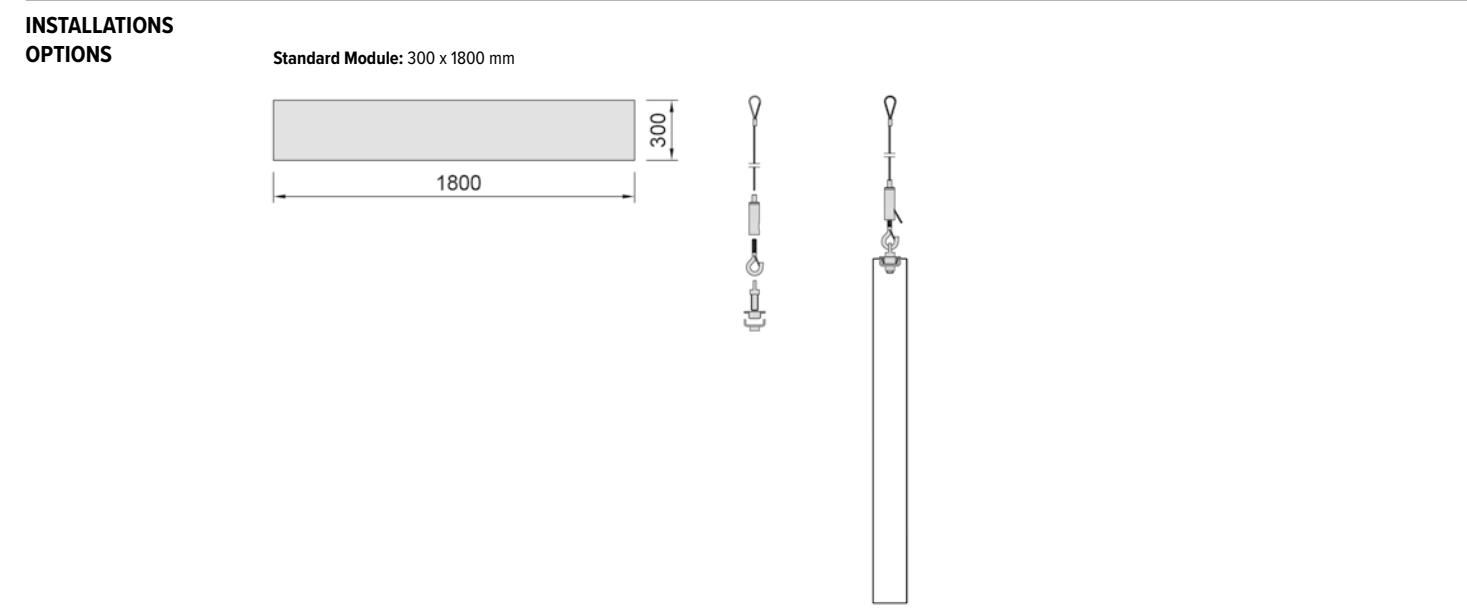
ACOUSTICS	 EN ISO 354 & EN ISO 11654	Octave band value (α_p)							
METAL Baffles	α_w	Class	NRC	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Baffle row at 300mm centres	0.55(H)	D	0.60	0.15	0.30	0.50	0.70	0.75	0.70

Sabines data for individually hung METAL Baffles available upon request.

FIRE REACTION	 EEA Euroclass A2-s1,d0 ² EN 13501-1	² With standard colour and acoustic infill.
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OTHER PERFORMANCES & FEATURES	 90% RH	 5.7 kg/pc	 30 YEAR system guarantee
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CUSTOM OPTIONS	 Colours	For further custom baffle options please see METAL V-P 500 / METAL V-K 500 systems.
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[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



METAL V-P 500 / METAL V-K 500

An acoustic ceiling system well suited to busy and noisy open plan spaces allowing for easy service integration.

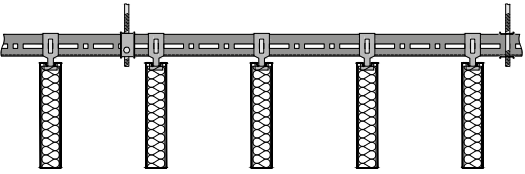
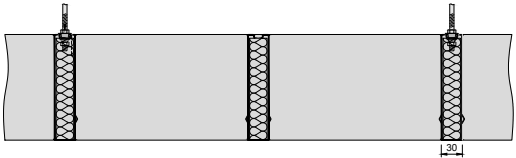




Key features

- Fast and simple installation with Knauf Armstrong standard hanging kits
- Easy to install if there is a suspended ceiling between the canopy and the soffit
- Height adjustments can be made on the back of the baffle rather than at the top fixing point
- Easy integration of lighting, air conditioning or other equipment into the ceiling space
- METAL V-P 500 for a linear appearance
- METAL V-K 500 for a modular appearance

OFFICE
E&Y (PL)
METAL V-P 500



METAL V-P 500 / METAL V-K 500

SYSTEM	METAL V-P 500	METAL V-K 500
		
MODULES (mm)	Baffle length: 3000 Baffle width: 30 Baffle height: 150 / 200 / 250 / 300	Baffle length: 3000 Baffle width: 30 Baffle height: 150 / 200 / 250 / 300
SUSPENSION SYSTEMS	U-Profile	Direct suspended (by threaded rod)
CUSTOM OPTIONS	 Colours  Dimensions  Perforations  Acoustic Infills	

METAL V-P 500



METAL V-K 500



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



METAL SOLUTIONS

Knauf Armstrong offers standard metal solutions in a wide range of square and rectangular ceiling panels providing a contemporary look. Configurable metal solutions provide versatile shapes and dimensions which can meet the specific design needs of your project. Metal custom options may not apply to all modules, shapes or sizes. Contact us for more information.

STANDARD

- EFFECTS ON METAL
- METAL CLIP-IN
- METAL LAY-IN
- CELLIO

CONFIGURABLE

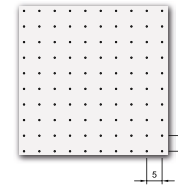
- METAL RECTANGULAR CLIP-IN
- METAL RECTANGULAR HOOK-ON
- METAL CORRIDOR
- METAL LINEAR AND TARTAN
- EXTERIOR METAL SOLUTIONS

PERFORATIONS

Knauf Armstrong's metal ceilings range includes 4 standard perforations as well as unperforated tiles.

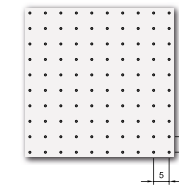
Ultra Microperforation Rg 0501

- Hole diameter: 0.5 mm
- Free area: 0.64 %



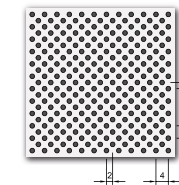
Extra Microperforation Rg 0701

- Hole diameter: 0.7 mm
- Free area: 1.5 %



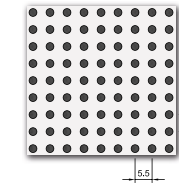
Microperforation Rd 1522

- Hole diameter: 1.5mm
- Open area: 22%



Standard Perforation Rg 2516

- Hole diameter: 2.5mm
- Open area: 16%

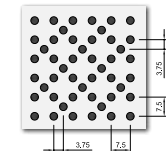


In addition to the standard perforation offer, Knauf Armstrong has an extensive range of further perforations offering a wide range of aesthetic solutions, from large perforations for specialised uses such as air flow or loud speakers to slotted perforations for a more linear appearance. Below is a sample of just some of the other perforations available. For more information on all our perforations, please contact us.

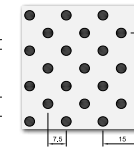
SonoPerf D®



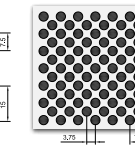
Rd 3019



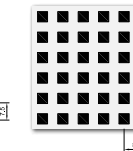
Rd 4011



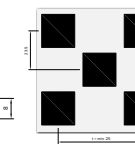
Rd 4045



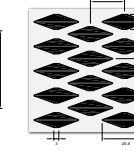
Qg 4025



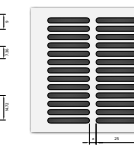
Qd 20034



Tv 26845



Lg 25042



For more information on all our perforations, please contact us.

The acoustic performance of metal ceilings is based on a combination of the perforations and the acoustic infill. See the following page for details on acoustic solutions.

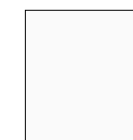
COLOURS

Standard and semi-standard colours

Knauf Armstrong's standard colour for metal ceilings is RAL 9010 (Pure White). We also have a choice of semi-standard colours available, plus a full range of custom colours from the RAL and NCS range for your bespoke requirements.



RAL 9010



Global White



RAL 9006



RAL 9007



Bronze Effect (BZ)



Chrome Effect (AM)



Ash (ASH)



Natural Bamboo (BAM)



Caramel Bamboo (CBA)



Maple (MAP)



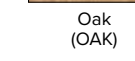
Oak (OAK)



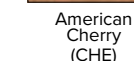
American Cherry (CHE)



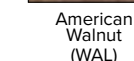
American Walnut (WAL)



Oak (OAK)



American Cherry (CHE)



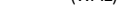
American Walnut (WAL)



Oak (OAK)



American Cherry (CHE)



American Walnut (WAL)



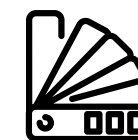
Oak (OAK)



American Cherry (CHE)



American Walnut (WAL)



Special colours

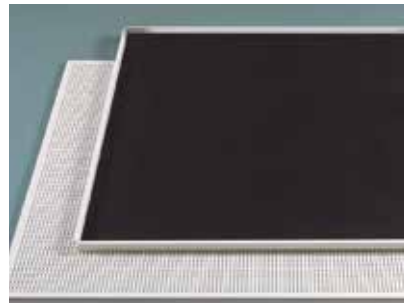
Knauf Armstrong offer all RAL and NCS colours for your custom solutions.

Configurable solutions are available on request.

Effects on Metal

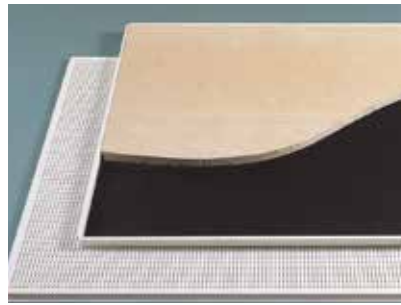
Effects on Metal are suitable for prestigious high end projects. Knauf Armstrong's standard offer includes 9 standard metal effects available in 3 different systems: METAL Q-Clip, METAL Q-Clip F and METAL Axal Vector perforated or unperforated.

ACOUSTICS



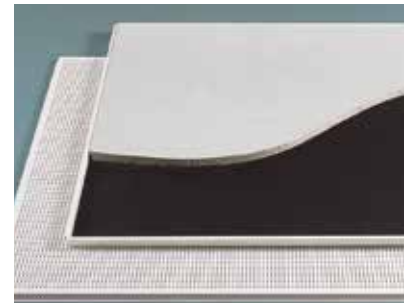
STANDARD FLEECE

Non-woven acoustic fleece provide a cost effective solution for general sound absorption requirements. As a solution that is bonded to the reverse of the metal tile it helps eliminate pattern staining issues that may occur with loose laid solutions.



PREMIUM B15

Specially developed 15 mm thick Premium B15 infills optimise absorption performance with high room to room sound attenuation.



PREMIUM OP19

Specially developed 19 mm thick Premium OP19 infills provides a high sound absorption performance, achieving up to Class A.

The bonded construction of a metal ceiling tile with a Premium B15 / Premium OP19 infill reduces 'pattern staining' associated with incorrectly fitted mineral wool type acoustic pads.

ACOUSTIC PADS

Knauf Armstrong offers a wide range of different acoustic pad solutions in a variety of types, thicknesses and densities. Contact us for more information.

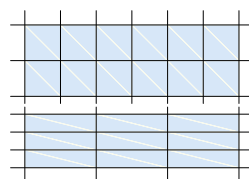
ACOUSTIC INFILL PERFORMANCE SUMMARY

Perforation	Infill														
	No infill			Acoustic Fleece			Premium B15			Premium OP19			Acoustic Pads ¹		
	D _{ntw}	α _w	Class	D _{ntw}	α _w	Class	D _{ntw}	α _w	Class	D _{ntw}	α _w	Class	D _{ntw}	α _w	Class
Rg 0501 Ultra Microperforated	18 dB	0.45(L)	D	-	-	-	-	-	-	-	-	-	-	-	-
Rg 0701 Extra Microperforated	18 dB	0.45(L)	D	21 dB	0.55(L)	D	40 dB	0.65	C	31 dB	0.70	C	-	-	-
Rd 1522 Microperforated	13 dB	0.15	E	16 dB	0.70	C	41 dB	0.60(H)	C	27 dB	1.00	A	24 dB	0.80(H)	B
Rg 2516 Standard perforated	13 dB	0.15	E	18 dB	0.75(L)	C	41 dB	0.60(H)	C	28 dB	0.95	A	24 dB	0.80(H)	B

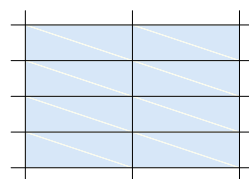
¹ 8mm x 100kg/m³ pad for Axal Vector.
Other standard pad solutions available on request providing up to Class A absorption and D_{ntw} 27 dB.

SHAPES AND SYSTEMS

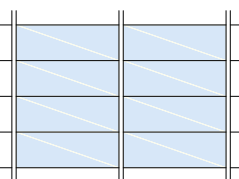
Square & rectangular tiles



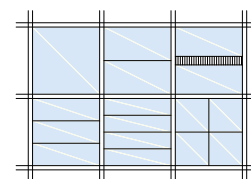
Rectangular panels



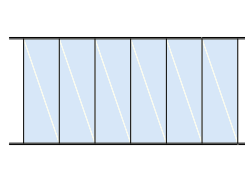
Linear grid



Tartan grid



Corridor ceilings



PERFORMANCE COATINGS



METAL BIOGUARD

Metal BioGuard is a range of metal ceiling tiles designed for applications where a suspended ceiling is required and hygiene and cleanliness are of the utmost importance.

- Metal BioGuard is more effective in the control of bacteria than a standard powder coating because it prevents the settlement of bacteria on the surface of the tile.
- Metal BioGuard provides good cleanability and resistance to disinfectants as well as clean room performance.

For more information, please contact us.



TRIOGUARD™ DIRT RESISTANT COATING



TrioGuard™ dirt resistant coating protects the ceiling from dirt build-up and colour fading, maintaining its original look for longer. Available in several metal designs and a wide choice of factory fitted acoustic infill options.

- Unique dirt resistant powder-painted finish with a lasting "just like new" appearance
- Lower maintenance costs and easy to clean
- Colour stable - Keeping its original colour for up to 10 years⁽¹⁾

⁽¹⁾ Tested using ASTM D4674: Standard Practice for Accelerated Testing for Colour Stability (10 year simulation).

FIRE / SEISMIC / IMPACT SOLUTIONS / EXTERIOR



Metal F-H 600 Swing EI30 fire resistant ceiling for corridors

Tested and classified to meet EI 30 (a <-> b), in accordance with EN 13501-2.



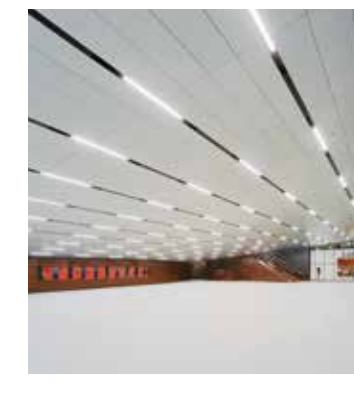
Seismic

Our seismic solutions provide the additional security required for seismic resistance. Use our specifically designed elements for maximum performance with minimised installation complexity.



Exterior

Choose the ultimate in durability from our selection of exterior ceiling products. Our exterior ceiling tiles are tested for wind lift and engineered to be washable, scrubbable and soil-resistant. Paired with grid designed for exterior use, it's a complete system you can rely on to meet the demands of exterior performance.



Impact solutions

Ceiling tiles installed in areas like school corridors and gymnasiums need to withstand occasional abuse, including surface impact. Our specially adapted Metal R-H 200 solution can provide this durability feature.



EFFECTS ON METAL

A decorative range of metal ceiling panels that feature a choice of metallic and wood effect finishes for installation on Knauf Armstrong U-Profile + DP12 A-Bar and Prelude 24 suspension systems.

Key features

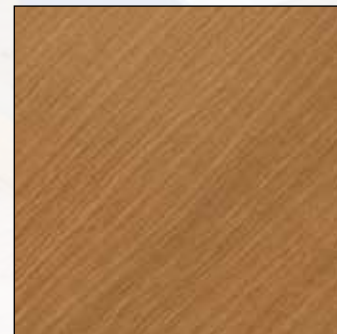
- Suitable for prestigious high end projects
- 9 metal effects available: Bronze, Chrome, Ash, Natural Bamboo, Caramel Bamboo, Maple, Oak, American Cherry and American Walnut
- 3 systems available: Axal Vector, Q-Clip F, S-Clip F
- Perforated or unperforated
- Configurable solutions available on request

Application areas

Used in a variety of ceiling area: from small service rooms to large commercial office buildings.

EDUCATION

Ystalyfera school (UK)
Metal MicroLook 8 Oak Wood Effect



EFFECTS ON METAL

EDGE DETAIL	METAL LAY-IN		METAL CLIP-IN																																											
	METAL AXAL VECTOR	METAL Q-CLIP F	METAL S-CLIP F																																											
MODULES (mm) & PERFORATIONS	Unperforated 600 x 600 300 x 1200 9418M* 2056M* 3707M*																																										
	Extra Microperforation Rg 0701 600 x 600 300 x 1200 <small>Ø: 0.7 mm Open area: 1.5 %</small> 2118F* 2083F* 3716FM*																																										
SUSPENSION SYSTEMS	Prelude 24 - XL ²		U-Profile + DP12 A-Bar																																											
EFFECTS																																														
	*Choose desired effect and add to item code e.g. 9418M OAK.																																													
SUSTAINABILITY																																														
ACOUSTICS				<table border="1"> <thead> <tr> <th></th> <th>D_{nw}</th> <th>R_w</th> <th>α_w</th> <th>Class</th> <th>NRC</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Unperforated</td> <td>44 dB</td> <td>19 dB</td> <td>0.10(L)</td> <td>NC</td> <td>0.10</td> <td>0.25</td> <td>0.15</td> <td>0.05</td> <td>0.05</td> <td>0.10</td> <td>0.10</td> </tr> <tr> <td>Extra Microperforation Rg 0701 + Fleece</td> <td>21 dB</td> <td>10 dB</td> <td>0.55(L)</td> <td>D</td> <td>0.65</td> <td>0.45</td> <td>0.70</td> <td>0.70</td> <td>0.55</td> <td>0.55</td> <td>0.45</td> </tr> </tbody> </table>								D _{nw}	R _w	α _w	Class	NRC	125	250	500	1000	2000	4000	Unperforated	44 dB	19 dB	0.10(L)	NC	0.10	0.25	0.15	0.05	0.05	0.10	0.10	Extra Microperforation Rg 0701 + Fleece	21 dB	10 dB	0.55(L)	D	0.65	0.45	0.70	0.70	0.55	0.55	0.45
	D _{nw}	R _w	α _w	Class	NRC	125	250	500	1000	2000	4000																																			
Unperforated	44 dB	19 dB	0.10(L)	NC	0.10	0.25	0.15	0.05	0.05	0.10	0.10																																			
Extra Microperforation Rg 0701 + Fleece	21 dB	10 dB	0.55(L)	D	0.65	0.45	0.70	0.70	0.55	0.55	0.45																																			
FIRE REACTION		EEA Euroclass A2-s1, d0 <small>EN 13501-1</small>																																												
OTHER PERFORMANCES & FEATURES				30 YEAR <small>system guarantee</small>																																										
CUSTOM OPTIONS																																														

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



METAL CLIP-IN

METAL Q-CLIP, METAL Q-CLIP F, METAL S-CLIP F, METAL T-CLIP F

Square and rectangular tiles available in a variety of perforations and edge details for installation using Knauf Armstrong U-Profile + DP12 A-Bar and C-Channel + Spring-T suspension systems.

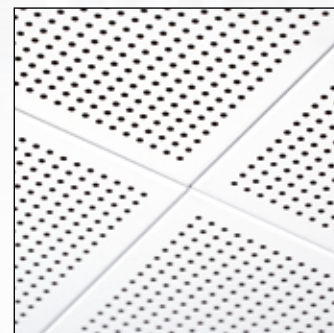
Key features

- Plain, monolithic surface, with no gap
- Downwardly demountable with demounting tool
- Can be installed in low ceiling void
- System height approximately 100 mm
- Easy to clean surface
- For easy access, Metal Q-Clip and Metal Q-Clip F products can be ordered with the 'window' swing down function
- All Clip-In products (except Metal S-Clip F) can be locked by a separate security clip
- Tiles available with square edge option
METAL Q-Clip: square edged
METAL Q-Clip F / METAL S-Clip: 3 mm bevel
METAL T-Clip F: 5 mm bevel

Application areas

Used in a variety of ceiling areas: from small service rooms to large commercial office buildings and major transportation terminals.

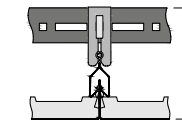
TRANSPORT
Zürich Train Station,
Passage Sihlquai Exit Europaallee (CH)
METAL Clip-In



METAL Q-CLIP

EDGE DETAIL

METAL Q-CLIP



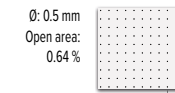
MODULES (mm)	600 x 600 3809M 625 x 625 3809D 4955M 4955D 2094MF 2094DF 3811MF 3811DF 3810MF 3810DF
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PERFORATIONS

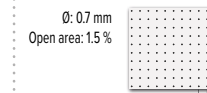
Unperforated



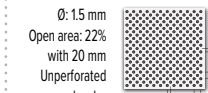
Ultra Microperforation Rg 0501



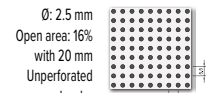
Extra Microperforation Rg 0701



Microperforation Rd 1522



Standard Perforation Rg 2516



ACOUSTIC INFILLS

---M/D=No infill

---MF/DF=Acoustic fleece

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

COLOURS



RAL 9010



Global White



RAL 9006

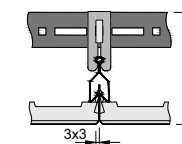


RAL 9007

METAL Q-CLIP F

EDGE DETAIL

METAL Q-CLIP F



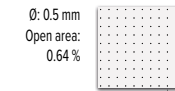
MODULES (mm)	500 x 500 2059M 600 x 600 2056M 600 x 300 2058M 625 x 625 2056D 625 x 312.5 2058D 4956M 4957M 4958M 4957D 4958D 2086MF 2083MF 2085MF 2083DF 2085DF 2078MF 2076MF 2077MF 2076DF 2077DF 2069MF 2067MF 2068MF 2067DF 2068DF
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PERFORATIONS

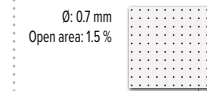
Unperforated



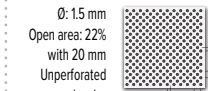
Ultra Microperforation Rg 0501



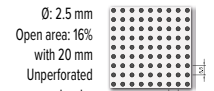
Extra Microperforation Rg 0701



Microperforation Rd 1522



Standard Perforation Rg 2516



ACOUSTIC INFILLS

---M/D=No infill

---MF/DF=Acoustic fleece

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

COLOURS



RAL 9010



Global White



RAL 9006



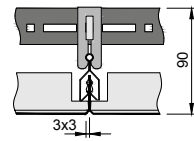
RAL 9007

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

METAL S-CLIP F

EDGE DETAIL

METAL S-CLIP F



MODULES (mm)	600 x 600	625 x 625	625 x 312.5	300 x 900	300 x 1200	300 x 1500	2091M	2091D	3801D	3706M	3707M	3708M	4959M	4959D	4960D	3715MF / MP / MPOP	3716MF / MP / MPOP	3717MF / MP / MPOP	2770MF / MP / MPOP / 4959M	2770DF / 4959D	3804DF / 4960D	3712M / MF / MP / MPOP	3713M / MF / MP / MPOP	3714M / MF / MP / MPOP	2093M / MF / MP / MPOP	2093DF	3803DF	2092M / MF / MP / MPOP	2092D / DF	3802D / DF	3709M / MF / MP / MPOP	3710M / MF / MP / MPOP	3711M / MF / MP / MPOP
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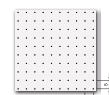
PERFORATIONS

Unperforated



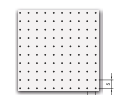
Ultra Microperforation Rg 0501

Ø: 0.5 mm
Open area: 0.64 %



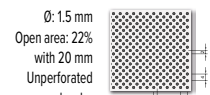
Extra Microperforation Rg 0701

Ø: 0.7 mm
Open area: 1.5 %



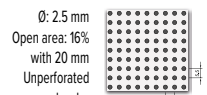
Microperforation Rd 1522

Ø: 1.5 mm
Open area: 22%
with 20 mm
Unperforated
border



Standard Perforation Rg 2516

Ø: 2.5 mm
Open area: 16%
with 20 mm
Unperforated
border



ACOUSTIC INFILLS

---M / D = No infill

---MF / DF = Acoustic fleece

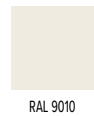
---MP / DP = Premium B15

---MPOP / DPOP = Premium OP19

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

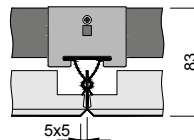
COLOURS



METAL T-CLIP F

EDGE DETAIL

METAL T-CLIP F



MODULES (mm)	500 x 500	600 x 600	600 x 300	675 x 675	750 x 750	9301M	9300M	4330M	2052M	2575M	2746MF / MP / MPOP	2744MF / MP / MPOP	2747MF / MP / MPOP	2745MF / MP / MPOP	2756MF / MP / MPOP	9428M / MF / MP / MPOP	9337M / MF / MP / MPOP	4332M / MF / MP / MPOP	2054M / MF / MP / MPOP	2577M / MF / MP / MPOP	9309M / MF / MP / MPOP	9308M / MF / MP / MPOP	4311M / MF / MP / MPOP	2053M / MF / MP / MPOP	2576M / MF / MP / MPOP
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Additional rectangular modules available

MODULES (mm)	300 x 1200	600 x 1200	300 x 1500	9304M	4314M	9305M	2748MF / MP / MPOP	2750MF / MP / MPOP	2749MF / MP / MPOP	9430M / MF / MP / MPOP	4316M / MF / MP / MPOP	9431M / MF / MP / MPOP	9312M / MF / MP / MPOP	4315M / MF / MP / MPOP	9313M / MF / MP / MPOP
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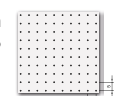
PERFORATIONS

Unperforated



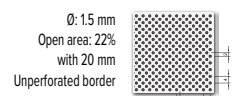
Extra Microperforation Rg 0701

Ø: 0.7 mm
Open area: 1.5 %



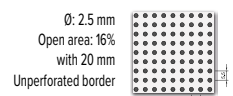
Microperforation Rd 1522

Ø: 1.5 mm
Open area: 22%
with 20 mm
Unperforated
border



Standard Perforation Rg 2516

Ø: 2.5 mm
Open area: 16%
with 20 mm
Unperforated
border



ACOUSTIC INFILLS

---M / D = No infill

---MF / DF = Acoustic fleece

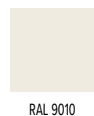
---MP / DP = Premium B15

---MPOP / DPOP = Premium OP19

SUSPENSION SYSTEMS

C-Channel + Spring T

COLOURS



SUSTAINABILITY



≤ 30

A+

E1

ACOUSTICS



EN ISO 10848-2
& EN ISO 717-1



EN ISO 140-3
& EN ISO 717-1



EN ISO 354
& EN ISO 11654

	Hz α _p										
	D _{nfw}	R _w	α _w	Class	NRC	125	250	500	1000	2000	4000
Unperforated	44 dB	19 dB	0.10 (L)	NC	0.10	0.25	0.15	0.05	0.05	0.10	0.10
Ultra Microperforation Rg 0501	18 dB	8 dB	0.45 (L)	D	0.55	0.25	0.65	0.65	0.40	0.40	0.35
Extra Microperforation Rg 0701 + Fleece	21 dB	10 dB	0.55 (L)	D	0.65	0.45	0.70	0.70	0.55	0.55	0.45
Extra Microperforation Rg 0701 + B15	40 dB	20 dB	0.65	C	0.60	0.40	0.45	0.55	0.70	0.80	0.70
Extra Microperforation Rg 0701 + OP19	31 dB	15 dB	0.70	C	0.75	0.50	0.70	0.80	0.75	0.70	0.50
Microperforation Rd 1522	13 dB	5 dB	0.15	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
Microperforation Rd 1522 + Fleece	16 dB	6 dB	0.70	C	0.70	0.30	0.65	0.90	0.65	0.70	0.75
Microperforation Rd 1522 + B15	41 dB	18 dB	0.60 (H)	C	0.60	0.40	0.40	0.50	0.65	0.75	0.90
Microperforation Rd 1522 + OP19	27 dB	12 dB	1.00	A	0.90	0.50	0.80	0.95	0.95	1.00	1.00
Standard Perforation Rg 2516	13 dB	5 dB	0.15	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
Standard Perforation Rg 2516 + Fleece	18 dB	8 dB	0.75 (L)	C	0.80	0.35	0.80	0.95	0.70	0.75	0.75
Standard Perforation Rg 2516 + B15	41 dB	18 dB	0.60 (H)	C	0.60	0.40	0.45	0.50	0.65	0.75	0.90
Standard Perforation Rg 2516 + OP19	28 dB	13 dB	0.95	A	0.90	0.50	0.80	0.95	0.90	1.00	0.95

FIRE REACTION



EEA

White RAL 9010

Unperforated / Perforated + no infill A1

Perforated + Premium B15 A2-s1,d0

Perforated + Acoustic Fleece A2-s2,d0

Perforated + Premium OP19 A2-s2,d0

EN 13501-1

RUS

KM1 (G1, V1, D1, T1)

FZ 123

For other colours / perforations, please contact us.

OTHER PERFORMANCES & FEATURES



95% RH



Unperforated: 85%
Rg 0501: 83%
Rg 0701: 80%
Rg 2516: 70%
Rd 1522: 65%



≈ 5.2 kg/m²



30 YEAR system guarantee



EN 12667 & ISO 8301

λ = 0.244 W/m K (unperforated / perforated + no infill)
λ = 0.163 W/m K (perforated + fleece)
λ = 0.0731 W/m K (perforated + Premium B15)



METAL Q-Clip / METAL Q-Clip F unperforated = ISO 3



CUSTOM OPTIONS



Colours



Perforations



BioGuard



TrioGuard



Effects



Acoustic Infills



Security



Seismic



Swing-Down Function



Exterior Solutions

Not all custom options may be available on all products / systems / dimensions. For further information about custom metal, please contact us.



METAL LAY-IN

METAL BOARD, METAL TEGULAR, METAL MICROLOOK

Available in a variety of edge details for installation on Prelude 15 and Prelude 24 suspension systems.

Key features

- Diversity of design and application
- Easily assembled and fully demountable
- Cost effective ceiling solution
- Tiles are easily lifted out by hand, allowing full and easy access to the ceiling void

Application areas

Used in a variety of ceiling areas: from small service rooms to large commercial office buildings and major transportation terminals.

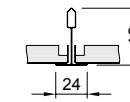
TRANSPORT
Bari Airport (IT)
METAL Tegular Microperforated



METAL BOARD

EDGE DETAIL

METAL BOARD



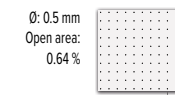
MODULES (mm)	600 x 600	600 x 600	625 x 625	600 x 1200	600 x 1200
	..... 2119M	..... 9334M	..... 2119D	..... 2124M	..... 2123M
	..... 4961M	..... 4961D			
				..... 2771MF / MP / MPOP	..... 2272MF / MP / MPOP
				..... 2133M / F	..... 2132M / MF / MP / MPOP
				..... 9427M / MF / MP / MPOP	..... 2126M / MF
				..... 2133D / DF	..... 9335M / MF / MP / MPOP
				..... 2134M / MF	..... 2126D / DF
				..... 2132M / MF / MP / MPOP	..... 2127M / MF
					..... 2125M / MF / MP / MPOP

PERFORATIONS

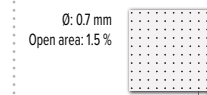
Unperforated



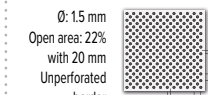
Ultra Microperforation Rg 0501



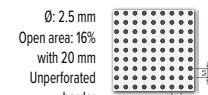
Extra Microperforation Rg 0701



Microperforation Rd 1522



Standard Perforation Rg 2516



ACOUSTIC INFILLS

---M / D = No infill

---MF / DF = Acoustic fleece

---MP / DP = Premium B15

---MPOP / DPOP = Premium OP19

SUSPENSION SYSTEMS

Prelude 24 TL²
Prelude 24 Sixty² TL²
Prelude 24 Corrosive Resistant
Clean Room 24
Bandraster + Prelude 24 TL²

COLOURS



RAL 9010



Global White



RAL 9006

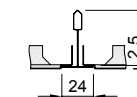


RAL 9007

METAL TEGULAR

EDGE DETAIL

METAL TEGULAR 2



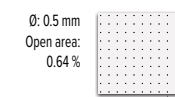
MODULES (mm)	600 x 600	600 x 600	625 x 625	600 x 600	600 x 600
	..... 2168M	..... 9442M	..... 2168D	..... 2172M / MF	..... 2172M / MF
	..... 4965M	..... 4965D		..... 9444M / MF / MP / MPOP	..... 9444M F / MP / MPOP
				..... 2172 D / DF	..... 2172DF
					..... 2171M / MF
					..... 9443M / MF / MP / MPOP
					..... 2171D / DF

PERFORATIONS

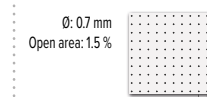
Unperforated



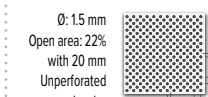
Ultra Microperforation Rg 0501



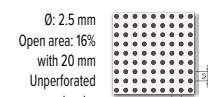
Extra Microperforation Rg 0701



Microperforation Rd 1522



Standard Perforation Rg 2516



ACOUSTIC INFILLS

---M / D = No infill

---MF / DF = Acoustic fleece

---MP / DP = Premium B15

---MPOP / DPOP = Premium OP19

SUSPENSION SYSTEMS

Prelude 24 TL²
Prelude 24 Sixty² TL²

COLOURS



RAL 9010



Global White



RAL 9006



RAL 9007

METAL TEGULAR

EDGE DETAIL	METAL TEGULAR 8	METAL TEGULAR 11F	METAL TEGULAR 16		
MODULES (mm)	Tegular 8 500 x 500 4833M 600 x 600 9683M 675 x 675 2138M 300 x 1200 3726M 600 x 1200 3727M Tegular 11F 600 x 600 2147M 625 x 625 2147D 600 x 1200 3836M Tegular 16 500 x 500 4803M 600 x 600 9680M 675 x 675 2135M 750 x 750 2582M	..... 2784MF / MP / MPOP 2783MF / MP / MPOP 2785MF / MP / MPOP 3732MF / MP / MPOP 3733MF / MP / MPOP 3839MF 3839DF 3840MF 2781MF / MP / MPOP 2779MF / MP / MPOP 2780MF / MP / MPOP 2782MF / MP / MPOP	..... 4835M / MF / MP / MPOP 9685M / MF / MP / MPOP 2140M / MF / MP / MPOP 3730M / MF / MP / MPOP 3731M / MF / MP / MPOP 4805M / MF / MP / MPOP 9682M / MF / MP / MPOP 2137M / MF / MP / MPOP 2584M / MF / MP / MPOP	..... 4834M / MF / MP / MPOP 9684M / MF / MP / MPOP 2139M / MF / MP / MPOP 3728M / MF / MP / MPOP 3729M / MF / MP / MPOP 2149M / MF 2149D / DF 3837M / MF 4804M / MF / MP / MPOP 9681M / MF / MP / MPOP 2136M / MF / MP / MPOP 2583M / MF / MP / MPOP
PERFORATIONS	Unperforated 	Ultra Microperforation Rg 0501 Ø: 0.5 mm Open area: 0.64 % 	Extra Microperforation Rg 0701 Ø: 0.7 mm Open area: 1.5 % 	Microperforation Rd 1522 Ø: 1.5 mm Open area: 22% with 20 mm Unperforated border 	Standard Perforation Rg 2516 Ø: 2.5 mm Open area: 16% with 20 mm Unperforated border
ACOUSTIC INFILLS	---M / D = No infill	---MF / DF = Acoustic fleece	---MP / DP = Premium B15	---MPOP / DPOP = Premium OP19	

SUSPENSION SYSTEMS
 Prelude 24 XL²/TL²
 Prelude 24 Sixty²XL²/TL²

COLOURS	RAL 9010	Global White	RAL 9006	RAL 9007

METAL MICROLOOK

EDGE DETAIL	METAL MICROLOOK 8	METAL MICROLOOK 16			
MODULES (mm)	MicroLook 8 500 x 500 2176M 500 x 500 9321M 600 x 600 2175M 600 x 600 9320M 675 x 675 2165M 750 x 750 2588M 300 x 1200 3718M 600 x 1200 3719M MicroLook 16 500 x 500 2190M 600 x 600 2189M 600 x 600 4700M 675 x 675 2144M 750 x 750 2585M 4962M 4963M 2187MF 2792MF / MP / MPOP 2185MF 2184MF / MP / MPOP 2793MF / MP / MPOP 2794MF / MP / MPOP 3724MF / MP / MPOP 3723MF / MP / MPOP 2788MF / MP / MPOP 2211MF 2787MF / MP / MPOP 2791MF / MP / MPOP 2789MF / MP / MPOP 2183M / MF 9325M / MF / MP / MPOP 2182M / MF 9324M / MF / MP / MPOP 2210M / MF / MP / MPOP 2208M / MF / MP / MPOP 2590M / MF / MP / MPOP 3722M / MF / MP / MPOP 3721M / MF / MP / MPOP 2194M / MF / MP / MPOP 2209M / MF 2206M / MF 4701M / MF / MP / MPOP 2152M / MF / MP / MPOP 2152M / MF / MP / MPOP 2586M / MF / MP / MPOP		
PERFORATIONS	Unperforated 	Ultra Microperforation Rg 0501 Ø: 0.5 mm Open area: 0.64 % 	Extra Microperforation Rg 0701 Ø: 0.7 mm Open area: 1.5 % 	Microperforation Rd 1522 Ø: 1.5 mm Open area: 22% with 20 mm Unperforated border 	Standard Perforation Rg 2516 Ø: 2.5 mm Open area: 16% with 20 mm Unperforated border
ACOUSTIC INFILLS	---M / D = No infill	---MF / DF = Acoustic fleece	---MP / DP = Premium B15	---MPOP / DPOP = Premium OP19	

SUSPENSION SYSTEMS
 Prelude 15 XL²/TL
 Optional for Metal MicroLook 8: Silhouette 6mm XL², Silhouette 3mm XL²

COLOURS	RAL 9010	Global White	RAL 9006	RAL 9007

[2020-03] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SUSTAINABILITY

ACOUSTICS

	Hz α _p										
	D _{nfw}	R _w	α _w	Class	NRC	125	250	500	1000	2000	4000
Unperforated	44 dB	19 dB	0.10 (L)	NC	0.10	0.25	0.15	0.05	0.05	0.10	0.10
Ultra Microperforation Rg 0501	18 dB	8 dB	0.45 (L)	D	0.55	0.25	0.65	0.65	0.40	0.40	0.35
Extra Microperforation Rg 0701 + Fleece	21 dB	10 dB	0.55 (L)	D	0.65	0.45	0.70	0.70	0.55	0.55	0.45
Extra Microperforation Rg 0701 + B15	40 dB	20 dB	0.65	C	0.60	0.40	0.45	0.55	0.70	0.80	0.70
Extra Microperforation Rg 0701 + OP19	31 dB	15 dB	0.70	C	0.75	0.50	0.70	0.80	0.75	0.70	0.50
Microperforation Rd 1522	13 dB	5 dB	0.15	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
Microperforation Rd 1522 + Fleece	16 dB	6 dB	0.70	C	0.70	0.30	0.65	0.90	0.65	0.70	0.75
Microperforation Rd 1522 + B15	41 dB	18 dB	0.60 (H)	C	0.60	0.40	0.40	0.50	0.65	0.75	0.90
Microperforation Rd 1522 + OP19	27 dB	12 dB	1.00	A	0.90	0.50	0.80	0.95	0.95	1.00	1.00
Standard Perforation Rg 2516	13 dB	5 dB	0.15	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
Standard Perforation Rg 2516 + Fleece	18 dB	8 dB	0.75 (L)	C	0.80	0.35	0.80	0.95	0.70	0.75	0.75
Standard Perforation Rg 2516 + B15	41 dB	18 dB	0.60 (H)	C	0.60	0.40	0.45	0.50	0.65	0.75	0.90
Standard Perforation Rg 2516 + OP19	28 dB	13 dB	0.95	A	0.90	0.50	0.80	0.95	0.90	1.00	0.95

FIRE REACTION

EEA White RAL 9010
 Unperforated / Perforated + no infill A1
 Perforated + Premium B15 A2-s1,d0
 Perforated + Acoustic Fleece A2-s2,d0
 Perforated + Premium OP19 A2-s2,d0
 EN 13501-1

RUS KM1 (G1, V1, D1, T1)
 FZ 123

For other colours / perforations, please contact us.

OTHER PERFORMANCES & FEATURES

Unperforated: 85%
 Rg 0501: 83%
 Rg 0701: 80%
 Rg 2516: 70%
 Rd 1522: 65%

95% RH

λ = 0.244 W/m K (unperforated / perforated + no infill)
 λ = 0.163 W/m K (perforated + fleece)
 λ = 0.0731 W/m K (perforated + Premium B15)

EN 12667 & ISO 8301

≈ 5.2 kg/m²

30 YEAR system guarantee

CUSTOM OPTIONS

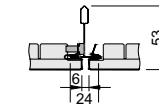
Not all custom options may be available on all products / systems / dimensions. For further information about custom metal, please contact us.

[2020-03] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

METAL AXAL VECTOR

EDGE DETAIL

METAL AXAL VECTOR



MODULES (mm)	500 x 500	600 x 300	600 x 600	675 x 675	750 x 750	3072M	3073M	3074M	3081MF / MP / MPOP	3082MF / MP / MPOP	3083MF / MP / MPOP	3078M / MF / MP / MPOP	3079M / MF / MP / MPOP	3080M / MF / MP / MPOP	3075M / MF / MP / MPOP	3076M / MF / MP / MPOP	3077M / MF / MP / MPOP
	600 x 300	600 x 600	675 x 675	750 x 750		2578M	9418M	3073M	2581MF / MP / MPOP	2118MF / MP / MPOP	3082MF / MP / MPOP	2580M / MF / MP / MPOP	9420M / MF / MP / MPOP / MA	3080M / MF / MP / MPOP	2579M / MF / MP / MPOP	9419M / MF / MP / MPOP / MA	3076M / MF / MP / MPOP

PERFORATIONS	Unperforated	Extra Microperforation Rg 0701	Microperforation Rd 1522	Standard Perforation Rg 2516
		Ø: 0.7 mm Open area: 1.5 % 	Ø: 1.5 mm Open area: 22% with 20 mm Unperforated border 	Ø: 2.5 mm Open area: 16% with 20 mm Unperforated border

ACOUSTIC INFILLS	---M/D=No infill	---MF/DF=Acoustic fleece	---MP/DP=Premium B15	---MPOP/DPOP=Premium OP19	---MA=Acoustic Pad
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SUSPENSION SYSTEMS	Prelude 24 XL ² / Prelude 24 Sixty ² XL ²
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COLOURS	RAL 9010	Global White	RAL 9006	RAL 9007

SUSTAINABILITY	GreenSource SILVER	EN ISO 14021 ≤ 30	A+ Premium B15 / OP19: A	E1

ACOUSTICS	EN ISO 10848-2 & EN ISO 717-1	EN ISO 140-3 & EN ISO 717-1	EN ISO 354 & EN ISO 11654
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	D _{nfw}	R _w	α _w	Class	NRC	Hz α _p					
						125	250	500	1000	2000	4000
Unperforated	44 dB	19 dB	0.10 (L)	NC	0.10	0.25	0.15	0.05	0.05	0.10	0.10
Extra Microperforation Rg 0701 + Fleece	21 dB	10 dB	0.55 (L)	D	0.65	0.45	0.70	0.70	0.55	0.55	0.45
Extra Microperforation Rg 0701 + B15	40 dB	20 dB	0.65	C	0.60	0.40	0.45	0.55	0.70	0.80	0.70
Extra Microperforation Rg 0701 + OP19	31 dB	15 dB	0.70	C	0.75	0.50	0.70	0.80	0.75	0.70	0.50
Microperforation Rd 1522	13 dB	5 dB	0.15	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
Microperforation Rd 1522 + Fleece	16 dB	6 dB	0.70	C	0.70	0.30	0.65	0.90	0.65	0.70	0.75
Microperforation Rd 1522 + B15	41 dB	18 dB	0.60 (H)	C	0.60	0.40	0.40	0.50	0.65	0.75	0.90
Microperforation Rd 1522 + OP19	27 dB	12 dB	1.00	A	0.90	0.50	0.80	0.95	0.95	1.00	1.00
Standard Perforation Rg 2516	13 dB	5 dB	0.15	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
Standard Perforation Rg 2516 + Fleece	18 dB	8 dB	0.75 (L)	C	0.80	0.35	0.80	0.95	0.70	0.75	0.75
Standard Perforation Rg 2516 + B15	41 dB	18 dB	0.60 (H)	C	0.60	0.40	0.45	0.50	0.65	0.75	0.90
Standard Perforation Rg 2516 + OP19	28 dB	13 dB	0.95	A	0.90	0.50	0.80	0.95	0.90	1.00	0.95

FIRE REACTION	EEA	White RAL 9010	A1
		Unperforated / Perforated + no infill	A1
		Perforated + Premium B15	A2-s1,d0
		Perforated + Acoustic Fleece	A2-s2,d0
		Perforated + Premium OP19	A2-s2,d0
		EN 13501-1	

For other colours / perforations, please contact us.

OTHER PERFORMANCES & FEATURES	Unperforated: 85%	Rg 0701: 80%	Rg 2516: 70%	Rd 1522: 65%	95% RH	≈ 5.2 kg/m ²	EN 12667 & ISO 8301	30 YEAR system guarantee
	λ = 0.244 W/m K (unperforated / perforated + no infill)							
	λ = 0.163 W/m K (perforated + fleece)							
	λ = 0.0731 W/m K (perforated + Premium B15)							

CUSTOM OPTIONS	Colours	Dimensions	Perforations	BioGuard	TrioGuard	Effects	Acoustic Infills	Security	Seismic

Not all custom options may be available on all products / systems / dimensions. For further information about custom metal, please contact us.



METAL LAY-IN

METAL AXAL VECTOR

METAL AXAL VECTOR is an easy to install and flexible system which offers a diversity of design and application.

Key features

- Can be installed with a very low void depth
- Clean crisp detailing with 6 mm reveal
- Easy to install and remove without tools
- Downwardly accessible
- Semi-concealed grid for a monolithic effect

Application areas

Used in a variety of ceiling areas: from small service rooms to large commercial office buildings and major transportation terminals

TRANSPORT

METAL Lay-In Axal Vector



[2020-03] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



CELLIO

Durable open cell metal tiles that mask the plenum and provide 100% accessibility to lighting, ventilation and sprinklers with an homogeneous appearance.

Key features

- Creates a modern, open look for a space
- Variety of design options
- 100% accessible to plenum (HVAC, lighting)
- Helps mask the plenum
- Lay-In system is fast and easy to install in standard Prelude 15 grid
- Custom sizes and colours available

Application areas

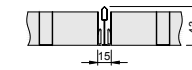
Shops, supermarkets, shopping malls, entrance areas, airports, railway stations and showrooms.

OFFICE
Ernst & Young (PL)
CELLIO C36 RAL 9003



EDGE DETAIL

FLUSH MICROLOOK



MODULES (mm)	600 x 600	.....9002M	.....9003M	.....9004M	.....9005M	.....9006M	.....9007M
PERFORATIONS		Cellio C64	Cellio C49	Cellio C36	Cellio C25	Cellio C16	Cellio C9
Cell module size		75x75x37	86x86x37	100x100x37	120x120x37	150x150x37	200x200x37
Open area		64%	68%	72%	76%	81%	85%
Cut off angle		31°	27°	23°	19°	15°	11°

SUSPENSION SYSTEMS

Prelude 15 TL

COLOURS



Global White



RAL 9006



RAL 9005

SUSTAINABILITY



30



A+



E1

FIRE REACTION



EEA Euroclass A1
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES



95% RH



C64: 2.2 kg/m²
C49: 1.9 kg/m²
C36: 1.7 kg/m²
C25: 1.4 kg/m²
C16: 1.1 kg/m²
C9: 0.8 kg/m²



30 YEAR
system
guarantee

CUSTOM OPTIONS



Colours

Not all custom options may be available on all products / systems / dimensions.
For further information about custom metal, please contact us.

[2019-12] All sizes are nominal. Product availability may vary.
Please contact us or visit www.knaufarmstrong.com for more information.



METAL RECTANGULAR CLIP-IN

METAL R-CLIP, METAL R-CLIP F, METAL T-CLIP

METAL Rectangular Clip-In provides a versatile and simple design with excellent acoustic performance benefits.

Key features

- Concealed grid for a monolithic effect
- Excellent acoustic performance
- Ease of installation (alignment) and fully demountable
- Easy access to the ceiling void
- Maintenance friendly system

Application areas

Suitable for large open plan / circulation areas.

TRANSPORT
Wiener Linien (AT)
Metal R-Clip RAL 9016
with high gloss level

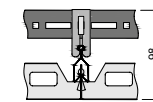


METAL RECTANGULAR CLIP-IN

METAL R-CLIP

EDGE DETAIL

METAL R-CLIP



DIMENSIONS

Panel length (mm): 600 - 2500 • Panel width (mm): 250 - 600 • Max size (m²): 1.5

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

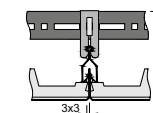
CUSTOM OPTIONS



METAL R-CLIP F

EDGE DETAIL

METAL R-CLIP F



DIMENSIONS

1200 x 300 • 1200 x 600 • 1800 x 400

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

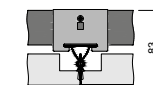
CUSTOM OPTIONS



METAL T-CLIP

EDGE DETAIL

METAL T-CLIP



DIMENSIONS

Panel length (mm): 600 - 2500 • Panel width (mm): 300 - 400 - 500 - 600 • Max size (m²): 1.5

SUSPENSION SYSTEMS

C-Channel + Spring-T

CUSTOM OPTIONS



Not all custom options may be available on all products / systems / dimensions. For further information about custom metal, please contact us.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



METAL RECTANGULAR HOOK-ON

METAL R-H 200, METAL R-H 215

METAL Rectangular Hook-On provides a versatile and simple design with excellent acoustic performance benefits.

Key features

- Concealed grid for a monolithic effect
- Excellent acoustic performance
- Ease of installation (alignment) and fully demountable
- Easy access to the ceiling void
- Maintenance friendly system

Application areas

Suitable for large open plan / circulation areas.

OFFICE
The City of St Gallen (CH)
Metal R-H 200

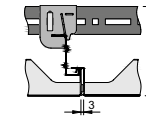


METAL RECTANGULAR HOOK-ON

METAL R-H 200

EDGE DETAIL

METAL R-H 200



DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

U-Profile + J-Bar
Primary Angle + J-Bar (for special solutions)

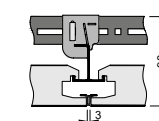
CUSTOM OPTIONS



METAL R-H 215

EDGE DETAIL

METAL R-H 215



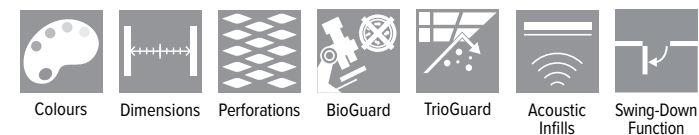
DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

U-Profile + H-Profile 35

CUSTOM OPTIONS



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[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



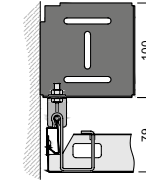
METAL CORRIDOR

METAL F-CLIP ACCESS

CLIP-IN

EDGE DETAIL

METAL F-CLIP ACCESS



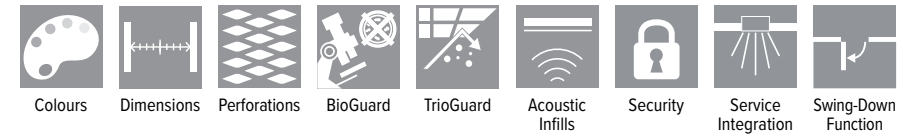
DIMENSIONS

Panel length (mm): 600 - 2500 • Panel width (mm): 250 - 600 • Max size (m²): 1.5

SUSPENSION SYSTEMS

Wall Bracket + Half DP12 A-Bar
Optional Wall Bracket + DP12 A-Bar

CUSTOM OPTIONS



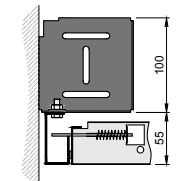
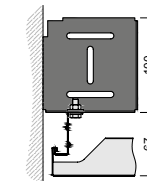
METAL F-H 600

HOOK-ON

EDGE DETAIL

METAL F-H 600

METAL F-H 600 SWING



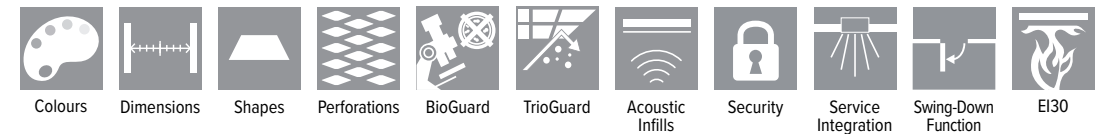
DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

Wall Bracket + J-Bar
Wall Bracket + G-Profile option for Swing function

CUSTOM OPTIONS

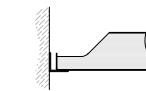


METAL F-L 601

LAY-IN

EDGE DETAIL

METAL F-L 601



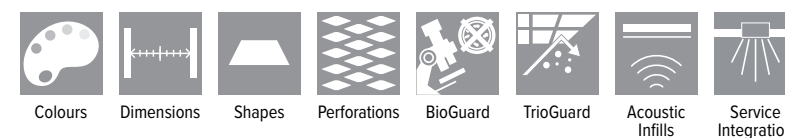
DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

Range of various perimeter trims

CUSTOM OPTIONS



Not all custom options may be available on all products / systems / dimensions. For further information about custom metal, please contact us.

METAL CORRIDOR

METAL F-CLIP ACCESS, METAL F-H 600, METAL F-L 601

METAL Corridor is a rectangular panel free-span solution that simply spans between the walls, allowing for easy installation and access to services.

Key features

- Various perimeter trim solutions for a clean aesthetic finish
- Adjustable perimeter shadow gap detailing for Metal F-Clip Access and Metal F-H 600
- Easy, quick access to ceiling void due to swing-down functions (Metal F-Clip Access and Metal F-H 600 Swing)
- METAL F-H 600 Swing EI30 fire resistant ceiling (a <-> b)

Application areas

Corridors where the panels simply span between walls.

RETAIL

Linz-AG-Center Linz (AT)
Metal F-Clip Access with optional spacers, Large Unperforated Panels



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

METAL LINEAR AND TARTAN



METAL LINEAR AND TARTAN

METAL B-H 300, METAL B-L 302, METAL R-L 201, METAL K-H 400, METAL K-CLIP

METAL Linear combines functionality with stylish simplicity by creating a linear technical zone.

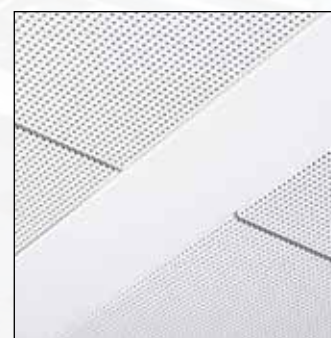
Key features

- C-Profiles can be aligned with partition systems to integrate services
- Remarkably versatile
- Various design options for the profile and panel (linear, radial, crossed)
- Easy access to the ceiling void

Application areas

Used in large office environments and flexible with partitioning systems.

OFFICE
Amedeo 59 (IT)
Metal B-H 300



METAL Tartan is a solution for square and/or rectangular room partitioning.

Key features

- Easily installed and removed
- Grid can be emphasised by using contrasting colours
- C-Profile can connect to the partition systems to integrate lighting systems efficiently
- Decorative solutions achieved through a variety of panel design options (square mega panel, rectangular, triangle)

Application areas

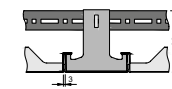
Ideal for breaking up large spaces.

METAL B-H 300

HOOK-ON [Linear]

EDGE DETAIL

METAL B-H 300



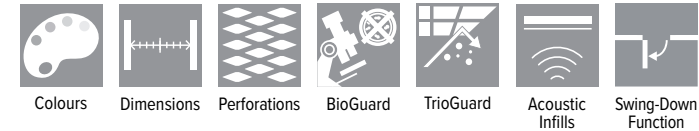
DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

U-Profile + C-Profile
Primary Angle + C-Profile (for special solutions)

CUSTOM OPTIONS



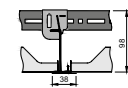
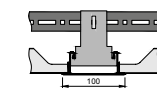
METAL B-L 302 / METAL R-L 201

LAY-IN [Linear]

EDGE DETAIL

METAL B-L 302

METAL R-L 201



DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

U-Profile + Bandraester 100 mm

U-Profile + L-Profile
Primary Angle + L-Profile (for special solutions)

CUSTOM OPTIONS

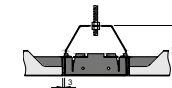


METAL K-H 400

HOOK-ON [Tartan]

EDGE DETAIL

METAL K-H 400



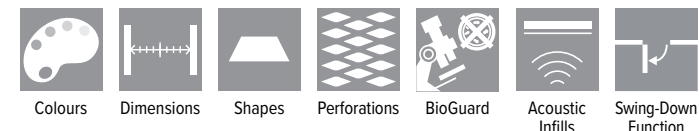
DIMENSIONS

Panel length (mm): 600 - 3300 • Panel width (mm): 247 - 1350 • Max size (m²): 2

SUSPENSION SYSTEMS

Crossing Box + C-Profile

CUSTOM OPTIONS

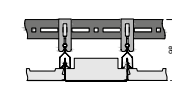


METAL K-CLIP

CLIP-IN [Tartan]

EDGE DETAIL

METAL K-CLIP



DIMENSIONS

700 x 700 • 705 x 705 • 750 x 750 • 1300 x 1300 • 1305 x 1305 • 1350 x 1350

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

CUSTOM OPTIONS



Not all custom options may be available on all products / systems / dimensions. For further information about custom metal, please contact us.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



EXTERIOR METAL SOLUTIONS

Knauf Armstrong's metal exterior ceiling systems are designed to perform in challenging conditions and resist different environmental factors such as high humidity and wind pressure. Ideal for applications such as car parks, stadiums, transport hubs, and exterior walkways. Knauf Armstrong's Metal Clip-In exterior solution is classified for use in C1, C2 and C3 environments as defined in EN ISO 12944-2.

Key features

- Durable exterior polyester powder paint with enhanced UV protection
- Design options — 4 modules available with custom colours and effects available on request
- Security clips to maintain system integrity when subject to wind pressure
- Fully recyclable sustainable system

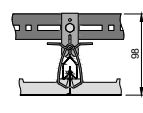
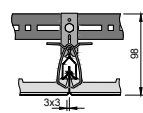
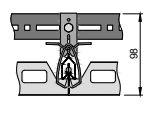
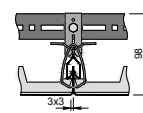









Application areas

Car parks, stadiums, transport hubs, building entrances and exterior walkways.

OFFICE
Cajamar Office Madrid (ES)
Exterior Metal Solutions

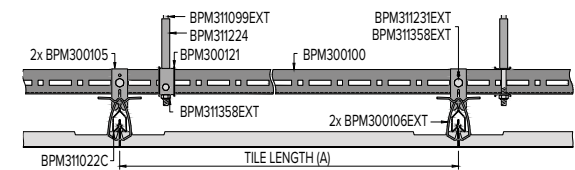


EXTERIOR METAL SOLUTIONS

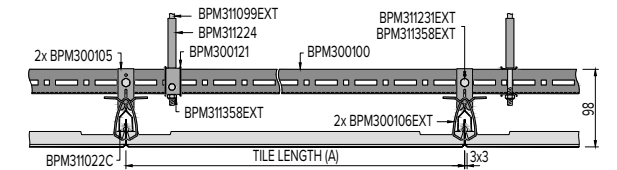
EDGE DETAIL	METAL Q-Clip Exterior	METAL Q-Clip F Exterior	METAL R-Clip Exterior	METAL R-Clip F Exterior
				
MODULES (mm)	600 x 600	600 x 600	1200 x 300 1200 x 600 1500 x 400	1200 x 300 1200 x 600
SUSPENSION SYSTEMS	Clip-In solution with U-Profile + DP12 A-Bar, tiles locked by security clips			
MATERIAL	METAL Q-Clip / METAL Q-Clip F / METAL R-Clip F = galvanised steel 0.5 mm METAL R-Clip 1200x600 / 1500x400 mm = galvanised steel 0.7 mm METAL R-Clip 1200x300 mm = galvanised steel 0.6 mm			
COLOURS	 RAL 9010	 RAL 9006	 RAL 9007	Custom RAL on request. Both sides powder coated for exterior use.
SURFACE	Unperforated			
SUSTAINABILITY	 EN ISO 14021 ≤30			
OTHER PERFORMANCES & FEATURES	 Galvanised steel 0.5 mm = 4 kg/m ² Galvanised steel 0.6 mm = 4.8 kg/m ² Galvanised steel 0.7 mm = 5.6 kg/m ²			
CUSTOM OPTIONS	 Colours			

INSTALLATION

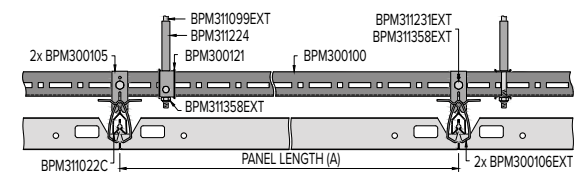
METAL Q-CLIP



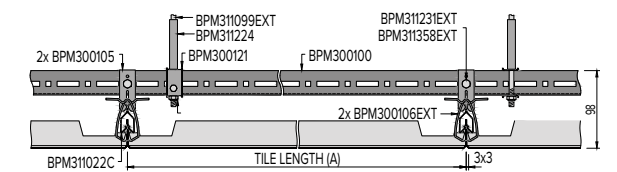
METAL Q-CLIP F



METAL R-CLIP



METAL R-CLIP F



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



MESH SOLUTIONS

STANDARD

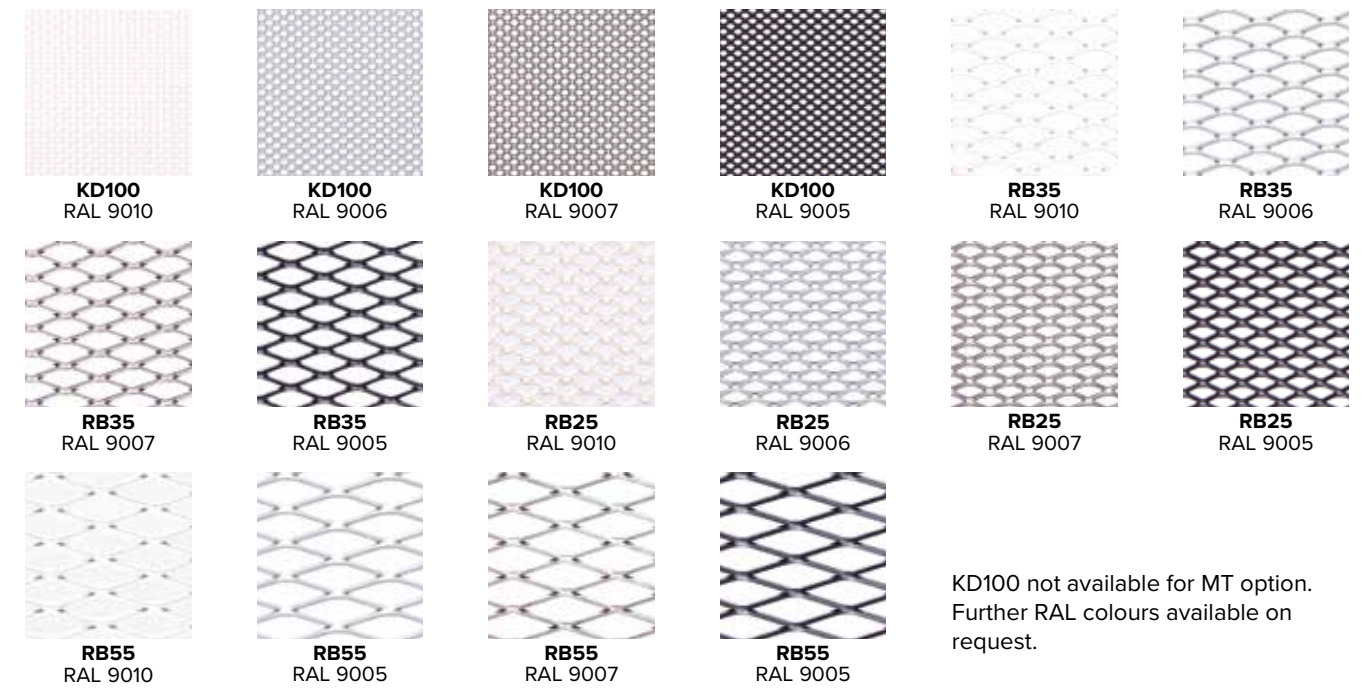
- MESH LAY-IN

CONFIGURABLE

- MESH RECTANGULAR
- MESH LINEAR AND TARTAN
- MESH CORRIDOR

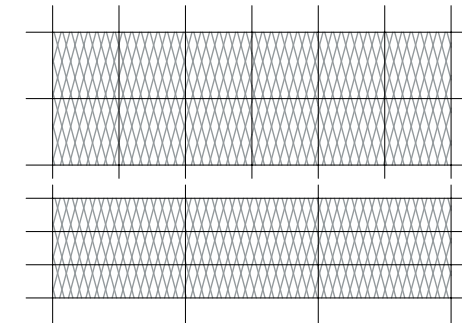
PATTERNS AND COLOURS

Mesh Lay-In Solutions are available in 4 different patterns and 4 different colours, whilst configurable solutions allows any custom size and alternative edge details.

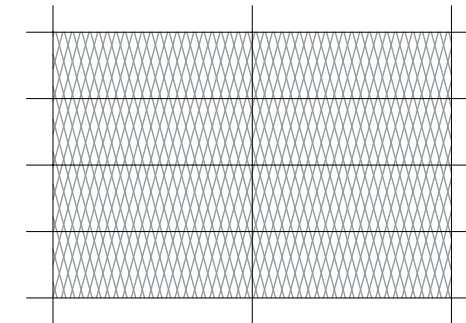


SHAPES AND SYSTEMS

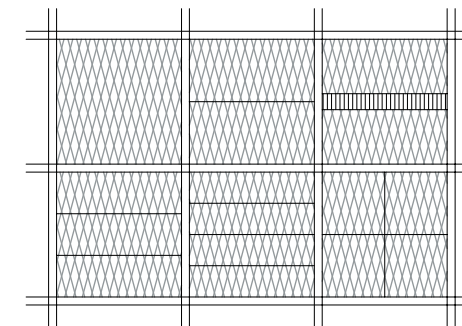
SQUARE & RECTANGULAR TILES



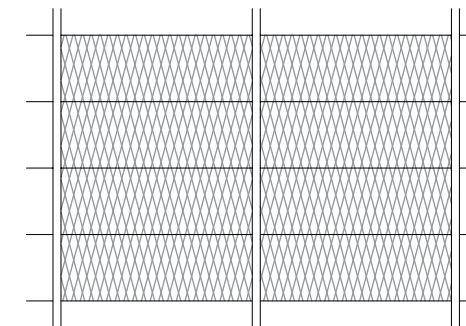
RECTANGULAR PANELS



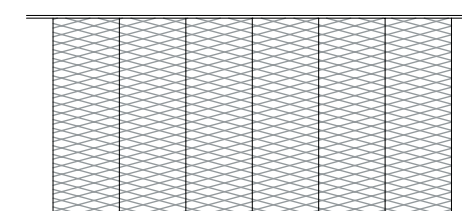
TARTAN GRID



LINEAR GRID



CORRIDOR CEILINGS



For Mesh Canopies, please see the Floating Ceiling Solutions section.

MESH LAY-IN



MESH LAY-IN

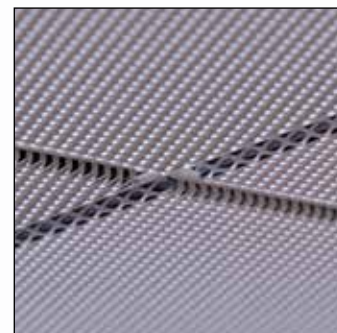
MESH BOARD, MESH TEGULAR, MESH MICROLOOK

Use Knauf Armstrong MESH Lay-In to achieve an industrial and contemporary look. Installed on Knauf Armstrong Prelude 15 and Prelude 24 suspension systems, MESH Lay-In is an ideal choice for transport hubs, renovation projects wanting a modern touch and in general spaces with large ceiling areas.

Key features

- Mesh Metal provides a contemporary design aesthetic
- Compatible with standard Prelude 15 and Prelude 24 grid systems
- Available in 4 standard colours
- Configurable solutions available on request (custom sizes, edge details, patterns, colours)

OFFICE
Office London (UK)
MESH MicroLook 8, RB25, RAL 9010



EDGE DETAIL	MESH BOARD	MESH TEGULAR 8	MESH TEGULAR 14	MESH MICROLOOK 8
MODULES (mm)	<p>KD100</p> 06x4.5-1.2x1 35% open area 600 x 600 3975M 625 x 625 3975D 600 x 1200 3976M 625 x 1250 3976D <p>RB25</p> R16x8-2x1 50% open area 600 x 600 3977M 625 x 625 3977D 600 x 1200 3978M 625 x 1250 3978D <p>RB35</p> R28x10-2x1.5 58% open area 600 x 600 3979M 625 x 625 3979D 600 x 1200 3980M 625 x 1250 3980D <p>RB55</p> R43x13-2.5x1.5 62% open area 600 x 600 3981M 625 x 625 3981D 600 x 1200 3982M 625 x 1250 3982D	600 x 600 3985M 625 x 625 3985D	625 x 625 3985D 625 x 625 3986D	600 x 600 3983M 600 x 600 3984M
SUSPENSION SYSTEMS	Prelude 24 TL ² Prelude 24 Sixty ² TL ²		Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	
COLOURS	 RAL 9010 RAL 9006 RAL 9007 RAL 9005			
SUSTAINABILITY	 30 A+ E1			
FIRE REACTION	 EEA Euroclass A2-s1, d0 EN 13501-1		 RUS KM1 (G1, V1, D1, T1) FZ 123	
OTHER PERFORMANCES & FEATURES	 95% RH		 KD100: 4.15 kg/m ² RB25: 4.00 kg/m ² RB35: 4.80 kg/m ² RB55: 4.35 kg/m ²	
CUSTOM OPTIONS	 Colours Dimensions Perforations Service Integration			

30 YEAR
system guarantee

Not all custom options may be available on all products / systems / dimensions. For further information about custom mesh, please contact us.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



MESH CONFIGURABLE

MESH RECTANGULAR: MESH R-CLIP, MESH R-L 201, MESH R-H 200, MESH R-H 215
MESH LINEAR & TARTAN: MESH B-L 302, MESH B-H 300, MESH K-H 400
MESH CORRIDOR: MESH F-CLIP, MESH F-L 601, MESH F-H 600

MESH Configurable brings a versatile and simple design solution, ideal for breaking up larger ceiling spaces.

Key features

- MT version with solid edge framing
- Custom patterns and colours available
- Enables integration of services

Application areas

Ideal for open spaces and large rooms with flexible partitioning.

OFFICE
 Automobilklub Polski (PL)
 MESH R-H 215, RB35, RAL 9006



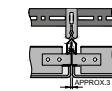
MESH RECTANGULAR

MESH R-CLIP

CLIP-IN

EDGE DETAIL

MESH R-CLIP



DIMENSIONS

Panel length (mm): 597 - 2500 • Panel width (mm): 247 - 600 • Max size (m²): 1.5

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

CUSTOM OPTIONS



Colours



Dimensions



Perforations



Service Integration



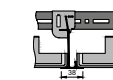
Security Options

MESH R-L 201 / MESH R-L 201 MT

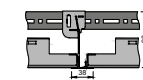
LAY-IN

EDGE DETAIL

MESH R-L 201



MESH R-L 201 MT



DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500
 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700
 Max size (m²): 1.75

Panel length (mm), RB25 / RB35 / RB55: 597 - 2500
 Panel width (mm), RB25: 298 - 602 (in steps of 8 mm) • RB35 / RB55: 247 - 700
 Max size (m²): 1.75

SUSPENSION SYSTEMS

U-Profile + L-Profile
 Primary Angle + L-Profile (for special solutions)

CUSTOM OPTIONS



Colours



Dimensions



Shapes



Patterns



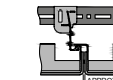
Service Integration

MESH R-H 200 / MESH R-H 200 MT

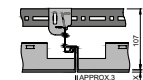
HOOK-ON

EDGE DETAIL

MESH R-H 200



MESH R-H 200 MT



DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500
 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700
 Max size (m²): 1.75

Panel length (mm), RB25 / RB35 / RB55: 597 - 2500
 Panel width (mm), RB25: 298 - 602 (in steps of 8 mm) • RB35 / RB55: 247 - 700
 Max size (m²): 1.75

SUSPENSION SYSTEMS

U-Profile + J-Bar
 Primary Angle + J-Bar (for special solutions)

CUSTOM OPTIONS



Colours



Dimensions



Shapes



Patterns



Service Integration



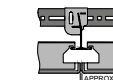
Security Options

MESH R-H 215 / MESH R-H 215 MT

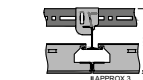
HOOK-ON

EDGE DETAIL

MESH R-H 215



MESH R-H 215 MT



DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500
 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700
 Max size (m²): 1.75

Panel length (mm), RB25 / RB35 / RB55: 597 - 2500
 Panel width (mm), RB25: 298 - 602 (in steps of 8 mm) • RB35 / RB55: 247 - 700
 Max size (m²): 1.75

SUSPENSION SYSTEMS

U-Profile + H-Profile 35

CUSTOM OPTIONS



Colours



Patterns



BioGuard



Acoustic Infills



Security Options

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[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

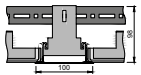
MESH LINEAR AND TARTAN

MESH B-L 302 / MESH B-L 302 MT

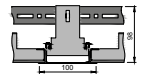
LAY-IN [Linear]

EDGE DETAIL

MESH B-L 302



MESH B-L 302 MT









DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700 Max size (m ²): 1.75	Panel length (mm), RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), RB25: 298 - 602 (in steps of 8 mm) • RB35 / RB55: 247 - 700 Max size (m ²): 1.75
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SUSPENSION SYSTEMS

U-Profile + Bandraster

CUSTOM OPTIONS

 Colours
  Dimensions
  Shapes
  Patterns
  Service Integration
  Megapanel¹

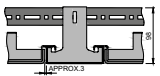
¹For MESH B-L 302 MT only.

MESH B-H 300 / MESH B-H 300 MT

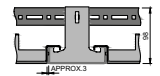
HOOK-ON [Linear]

EDGE DETAIL

MESH B-H 300



MESH B-H 300 MT









DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700 Max size (m ²): 1.75	Panel length (mm), RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), RB25: 300 - 604 (in steps of 8 mm) • RB35 / RB55: 247 - 700 Max size (m ²): 1.75
---	--

SUSPENSION SYSTEMS

U-Profile + C-Profile
Primary Angle + C-Profile (for special solutions)

CUSTOM OPTIONS

 Colours
  Dimensions
  Shapes
  Patterns
  Service Integration
  Megapanel²

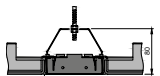
²For MESH B-H 300 MT only.

MESH K-H 400 / MESH K-H 400 MT

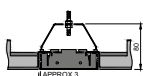
HOOK-ON [Tartan]

EDGE DETAIL

MESH K-H 400



MESH K-H 400 MT









DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700 Max size (m ²): 1.75	Panel length (mm), RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), RB25: 300 - 604 (in steps of 8 mm) • RB35 / RB55: 247 - 700 Max size (m ²): 1.75
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SUSPENSION SYSTEMS

Crossing Box + C-Profile

CUSTOM OPTIONS

 Colours
  Dimensions
  Shapes
  Patterns
  Service Integration
  Megapanel³

³For MESH K-H 400 MT only.

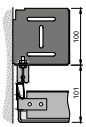
MESH CORRIDOR

MESH F-CLIP

CLIP-IN

EDGE DETAIL

MESH F-CLIP








DIMENSIONS

Panel length (mm), RB25 / RB35 / RB55: 597 - 2500 • Panel width (mm), RB25 / RB35 / RB55: 247 - 600 • Max size (m²): 1.5

SUSPENSION SYSTEMS

Wall Bracket + Half DP12 A-Bar

CUSTOM OPTIONS

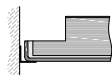
 Colours
  Dimensions
  Patterns
  Security Options
  Service Integration

MESH F-L 601 / MESH F-L 601 MT

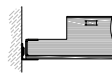
LAY-IN

EDGE DETAIL

MESH F-L 601



MESH F-L 601 MT








DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700 Max size (m ²): 1.75	Panel length (mm), RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), RB25: 300 - 604 (in steps of 8 mm) • RB35 / RB55: 247 - 700 Max size (m ²): 1.75
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SUSPENSION SYSTEMS

Range of various perimeter trims

CUSTOM OPTIONS

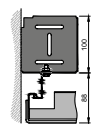
 Colours
  Dimensions
  Shapes
  Patterns
  Service Integration

MESH F-H 600 / MESH F-H 600 MT

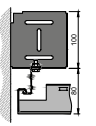
HOOK-ON

EDGE DETAIL

MESH F-H 600



MESH F-H 600 MT








DIMENSIONS

Panel length (mm), KD100: 597 - 1500 • RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), KD100: 247 - 500 • RB25 / RB35 / RB55: 247 - 700 Max size (m ²): 1.75	Panel length (mm), RB25 / RB35 / RB55: 597 - 2500 Panel width (mm), RB25: 300 - 604 (in steps of 8 mm) • RB35 / RB55: 247 - 700 Max size (m ²): 1.75
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SUSPENSION SYSTEMS

Wall Bracket + J-Bar

CUSTOM OPTIONS

 Colours
  Dimensions
  Shapes
  Patterns
  Service Integration

Not all custom options may be available on all products / systems / dimensions.
For further information about custom metal, please contact us.



WALL SOLUTIONS

CONFIGURABLE

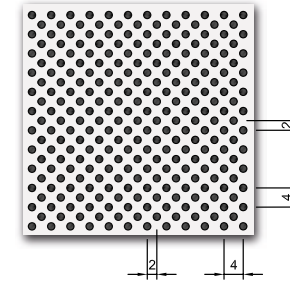
- METAL W-H 1000
- METAL W-H 1100

PERFORATIONS

WALL Solutions are available in 2 different patterns and 4 different colours, whilst configurable solutions allows any custom size and alternative edge details.

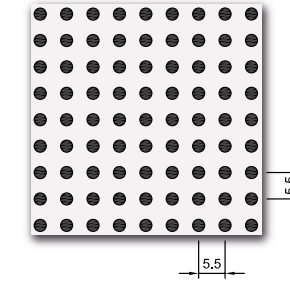
Microperforation Rd 1522

- Hole diameter: 1.5mm
- Open area: 22%



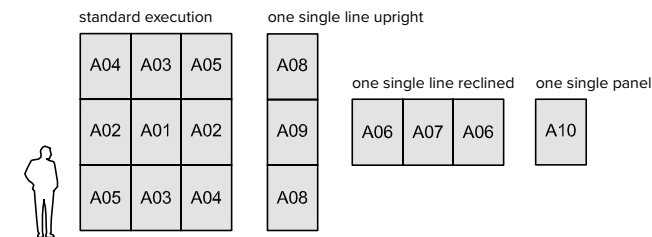
Standard Perforation Rg 2516

- Hole diameter: 2.5mm
- Open area: 16%

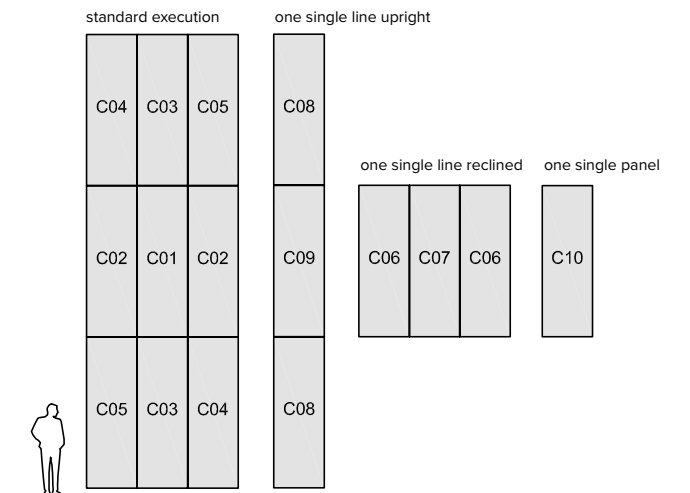


SHAPES AND SYSTEMS

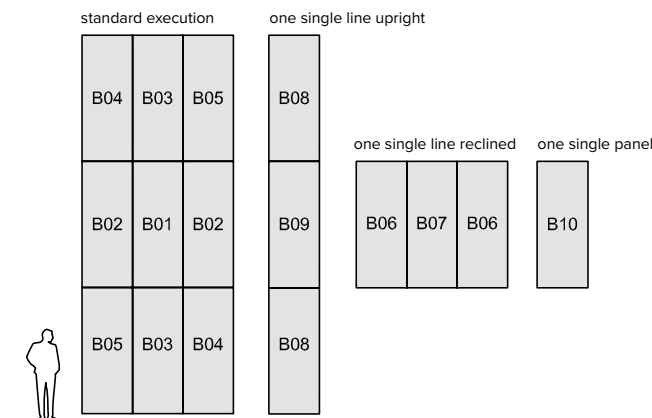
Type A



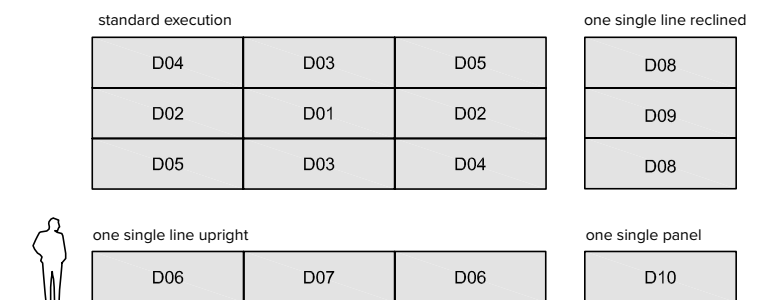
Type C



Type B



Type D



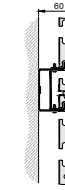
WALL CONFIGURABLE



METAL W-H 1000

EDGE DETAIL

METAL W-H 1000



DIMENSIONS

Type A

Panel length (mm): 600 - 1300
Panel width (mm): 250 - 1000
Max size (m²): 1.3

Type B

Panel length (mm): 1301 - 2500
Panel width (mm): 250 - 1000
Max size (m²): 2.5

Type C

Panel length (mm): 2501 - 3000
Panel width (mm): 275 - 1000
Max size (m²): 3

Type D

Panel length (mm): 600 - 2500
Panel width (mm): 250 - 1000
Max size (m²): 2

SUSPENSION SYSTEMS

C-Wall Profile

CUSTOM OPTIONS



Colours



Dimensions



Perforations



Shapes



Acoustic Infills

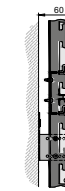


Effects

METAL W-H 1100

EDGE DETAIL

METAL W-H 1100



DIMENSIONS

Type A

Panel length (mm): 600 - 1300
Panel width (mm): 250 - 1000
Max size (m²): 1.3

Type B

Panel length (mm): 1301 - 2500
Panel width (mm): 250 - 1000
Max size (m²): 2.5

Type C

Panel length (mm): 2501 - 3000
Panel width (mm): 275 - 1000
Max size (m²): 3

Type D

Panel length (mm): 600 - 2500
Panel width (mm): 250 - 1000
Max size (m²): 2

SUSPENSION SYSTEMS

U-Wall Profile

CUSTOM OPTIONS



Colours



Dimensions



Perforations



Shapes



Acoustic Infills



Effects

WALL CONFIGURABLE

METAL W-H 1000, METAL W-H 1100

METAL W-H 1000 and METAL W-H 1100 are Hook-On wall cladding systems without visible fasteners which enables faster installation.

Key features

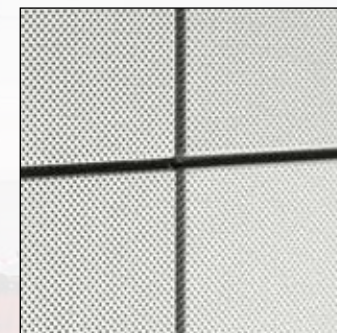
- Certified system
- Small offset distance
- Space saving
- Light-weight type
- Simple installation (alignment) and disassembling
- Standard subconstruction
- Versatile application
- Cost-effective and fast to install
- For extensive acoustic requirements

Application areas

Acoustic and architectural design elements for market segments such as office, education or transportation.

TRANSPORT

Dubai International Airport, Dubai (UAE)
W-H 1100



Not all custom options may be available on all products / systems / dimensions.
For further information about custom metal, please contact us.

[2019-12] All sizes are nominal. Product availability may vary.
Please contact us or visit www.knaufarmstrong.com for more information.



WOOD SOLUTIONS

STANDARD

- WOOD LAY-IN
- WOOD CHANNELLED PLANKS

FOR TIMELESS NATURAL BEAUTY AND ELEGANCE, THERE'S SIMPLY NOTHING TO MATCH IT.

Knauf Armstrong has harnessed the enduring beauty of wood in a range of ceiling tiles, giving you high performance linings for your building.

The Knauf Armstrong wood range – ceilings you'll look up to.

STANDARD VENEERS



All veneers have a matt finish. Variation between wood veneer tiles may occur due to the natural characteristics of the wood and grain.

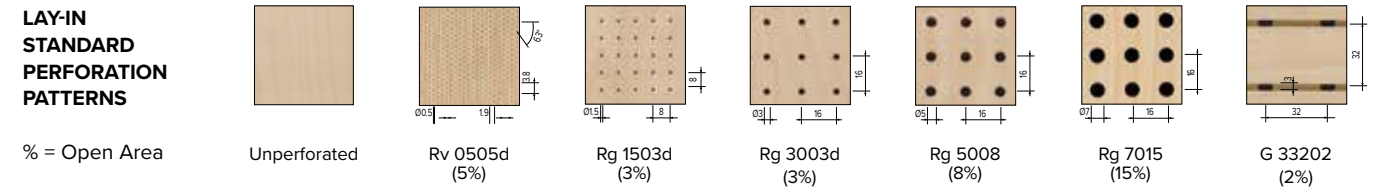
CUSTOM VENEERS



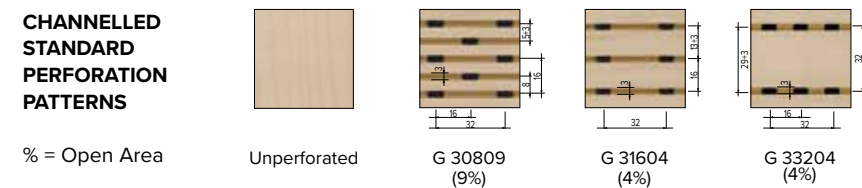
For more information on all our veneer options, please contact us.

PERFORATIONS

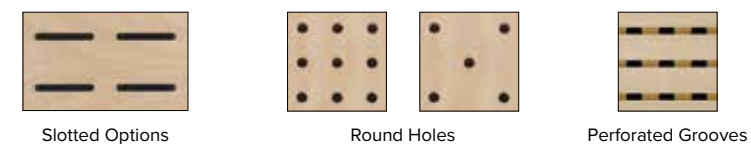
LAY-IN STANDARD PERFORATION PATTERNS



CHANNELLED STANDARD PERFORATION PATTERNS



CUSTOM PERFORATION PATTERNS



Further custom perforation pattern options available on request, please contact us.

WOOD LAY-IN



WOOD LAY-IN

WOOD MICROLOOK 8, WOOD VECTOR, WOOD SL2

Bring a little nature inside with the warmth and beauty of wood ceilings.

Wood ceilings combine the beauty of natural wood in a versatile range of tiles available in standard and custom options.

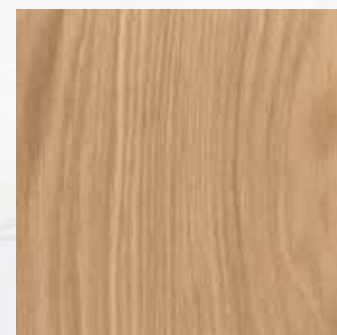
Key features

- Easy to install and access for service
- Flexible designs: mix and match tile sizes
- Wide range of natural wood veneers
- Edge banding as standard on MicroLook 8 and Vector
- Vector edge system with narrow 6 mm reveal that gives a sleek monolithic look

Application areas

Used in a variety of ceiling areas: entrance halls, lounge areas, executive suites, meeting and conference rooms.

RETAIL
Oak Veneer, Unperforated
Custom MicroLook 8 Lay-In Tile



EDGE DETAIL	WOOD MICROLOOK 8	WOOD VECTOR	WOOD SL2
THICKNESS (mm)		17	
MODULES (mm)		600 x 600 1200 x 600 1200 x 300	
SUSPENSION SYSTEMS	Prelude 15 TL/XL ² Silhouette 6mm XL ²	Prelude 24 XL ²	Prelude 24 Main Runner + Spacer Bar
	Black suspension system is recommended. Main Runner spacing is recommended at 600mm centres maximum. Contact us for more details.		
STANDARD ORGANIC VENEERS			
	Ash	Natural Bamboo	Caramel Bamboo
	Maple	Oak	American Cherry
	American Walnut		
	All veneers have a matt finish. Variation between wood veneer tiles may occur due to the natural characteristics of the wood and grain.		
STANDARD PERFORATION PATTERNS			
	Unperforated	Rd 0505d (5%)	Rg 1503d (3%)
	Rg 3003d (3%)	Rg 5008 (8%)	Rg 7015 (15%)
	G 33202 (2%)		
SUSTAINABILITY			
	90	Unperforated : A+ Perforated : A	E1
ACOUSTICS			
	EN ISO 354 & EN ISO 11654		
		α_w	NRC
	Unperforated	0.10(L)	0.10
	Rv 0505d	0.60(LM)	0.70
	Rg 1503d	0.35(LM)	0.50
	Rg 3003d	0.40(L)	0.50
	Rg 5008	0.55(L)	0.55
	Rg 7015	0.70(L)	0.70
	G 33202	0.40	0.40
FIRE REACTION		EEA Euroclass B-s1, d0 - Unperforated EEA Euroclass B-s2, d0 - Perforated EN 13501-1	
OTHER PERFORMANCES & FEATURES	≤70 % RH	≈ 12.5 kg/m ² - Unperforated ≈ 10.6 - 12.3 kg/m ² - Perforated (depending on perforation)	
CUSTOM OPTIONS			
	Colours ¹	Veneers	Dimensions
	Perforations & Patterns	Service Integration	
	¹ Palette of colours available for Suspension Systems		

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

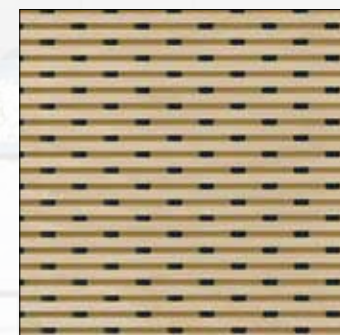


WOOD CHANNELLED PLANKS

Bring a little nature inside with the warmth and beauty of wood ceilings.

Create a continuous ceiling for a unique effect with a versatile range of channelled planks available in standard and custom options.

EDUCATION
Natural Bamboo Veneer,
Custom Wood Channelled Planks



Key features

- Rectangular planks ideal for random and staggered layouts
- Easy to install
- Wide range of natural wood veneers
- Concealed grid system provides a monolithic look

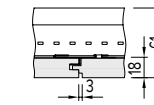
Application areas

Used in a variety of ceiling areas: entrance halls, lounge areas, executive suites, lecture halls, auditoriums, meeting and conference rooms.

WOOD CHANNELLED PLANKS

EDGE DETAIL

WOOD CHANNELLED



THICKNESS (mm)

17

MODULES (mm)

2400 x 192

SUSPENSION SYSTEMS

Prelude 24 Main Runner

Main Runner spacing is at 600 mm centres maximum.

STANDARD ORGANIC VENEERS



Ash



Natural Bamboo



Caramel Bamboo



Maple



Oak



American Cherry



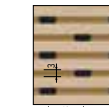
American Walnut

All veneers have a matt finish. Variation between wood veneer tiles may occur due to the natural characteristics of the wood and grain.

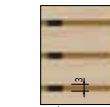
STANDARD PERFORATION PATTERNS



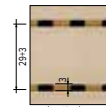
Unperforated



G 30809
(9%)



G 31604
(4%)



G 33204
(4%)

% =
Open Area

SUSTAINABILITY



90



E1

ACOUSTICS



EN ISO 354
& EN ISO 11654

	α_w	NRC
Unperforated	0.10(L)	0.10
G 30809	0.80(LM)	0.80
G 31604	0.65(LM)	0.65
G 33204	0.60(L)	0.60

FIRE REACTION



EEA Euroclass B-s1, d0 - Unperforated
EEA Euroclass B-s2, d0 - Perforated
EN 13501-1

OTHER PERFORMANCES & FEATURES



≤70% RH



≈ 12.5 kg/m² - Unperforated
≈ 9.5 - 11.3 kg/m² - Perforated
(depending on perforation)

CUSTOM OPTIONS



Veneers



Custom
Width



Service
Integration

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

CUSTOM VENEERS AND PATTERNS

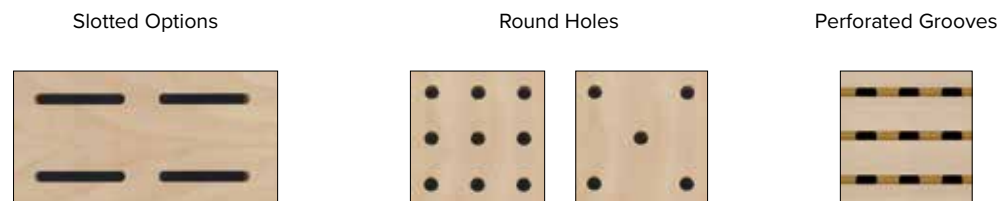
FOR LAY-IN AND CHANNELLED PLANKS

CUSTOM ORGANIC VENEERS



For more information on all our veneer options, please contact us.

CUSTOM PERFORATION PATTERNS



Further custom perforation pattern options available on request, please contact us.

INSTALLATION RECOMMENDATION

Conditions of installation

Wood products should be unpacked and stocked flat in an environment that is closed and not humid. Wood products should always be moved with care. Before installation, it is recommended to remove the packaging and stack the products flat for 3 to 8 days in the room where they will be installed in order to stabilise the tiles in their future environment and conditions of use. Possible dimensional variations in a humid environment are those from typical wood-based products i.e. the differential between the driest and the most humid conditions can be up to 5 mm/m. The installation of wood products should take place during the last phase of the job, in closed, and sometimes temperature controlled, rooms. No additional work potentially increasing the level of humidity in the room should be undertaken after the products are installed (concrete and plasterboards should be dry). Wood products should be installed in strict accordance with Knauf Armstrong installation recommendations.

Installation recommendations

Wood Veneer ceiling products are made with natural wood veneers. As they are natural products, their colour and structure regularity cannot be guaranteed. In order to obtain the best decorative effect, we advise you to follow the points below:

1. Order all wood products at the same time
2. Display all the products before fitting
3. Arrange them aesthetically with regard to their shade and grain
4. Install the ceiling products accordingly

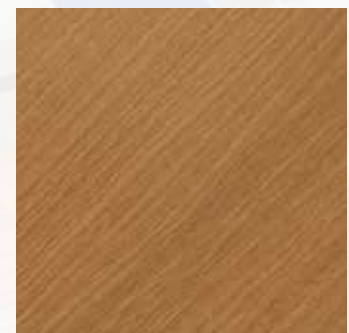
With each order, it is recommended to allow for some extra products to accommodate for visual variations, as it will be very unlikely that similar looking products can be ordered later.



WOOD EFFECTS ON METAL

A decorative range of metal ceiling panels that feature a choice of wood effect finishes.

EDUCATION
METAL MicroLook 8
Oak Wood Effect



Key features

- Suitable for prestigious high end projects
- 7 wood Effects on Metal: Ash, Natural Bamboo, Caramel Bamboo, Maple, Oak, American Cherry and American Walnut
- Alternative solution to natural organic wood veneers
- Perforated and unperforated options
- Configurable solutions available on request

Application areas

Used in a variety of ceiling areas: from small service rooms to large commercial office buildings.



LAMINATED CEILING SOLUTIONS

SIERRA

- **A single visual** for your different acoustical requirements, with two levels of sound absorption up to 0.90 α_w .
- Best in class **fully painted edges**: less damage in storage and installation.
- **Easy to handle**: re-engineered for a better, easier fit.
- **Non-directional surface** making it faster to install.
- **ISO 5 particle cleanliness** creates better surroundings, increasing comfort and well-being to tackle even the most demanding environments.

PERLA

- **Same advantages** as SIERRA
- +
- **3 levels of acoustics**: standard, OP, dB.
- **C2C Bronze certification** helps you meet sustainability targets.
- ▶ **Smoothest most contemporary visual** offering high light reflectance.

ULTIMA⁺

- **Same advantages** as PERLA
- +
- **Widest range of edges, modules and acoustic options** giving you complete noise control and design flexibility for every space.
- **Most uniform installed appearance** and more even light distribution due to low gloss levels (0.2%) and a light diffusion of >99%.
- **More robust**, retaining its aesthetics for longer.
- ▶ **Whitest, brightest, longest lasting durable finish** and visual due to its unique lightly textured surface.

INTEGRATED SOLUTIONS



TECHZONE™

TECHZONE™

- The industry's first easy-to-specify-and-install ceiling solution with integrated technical services.
- A range of compatible fixtures from our partner companies have been prequalified for fit and finish.
- The result: a clean, monolithic look using standard ceiling panels and suspension systems.

MINERAL SOLUTIONS

The broadest range of textures, sizes and shapes with key performance features to enhance the design of any space. Our mineral ceilings provide solutions for every acoustical need from high sound absorption to high sound attenuation or a balance of both. For each segment and area, we offer a specific solution.

SMOOTH AND WHITE

- ULTIMA⁺
- ULTIMA⁺ dB
- ULTIMA⁺ OP
- PERLA
- PERLA dB
- PERLA OP 0.95
- PERLA OP 1.00
- SIERRA
- SIERRA OP

- OPTIMA
- NEEVA
- PLAIN

CLASSIC

- SAHARA
- SAHARA MAX
- SAHARA dB
- FINE FISSURED

DECORATIVE

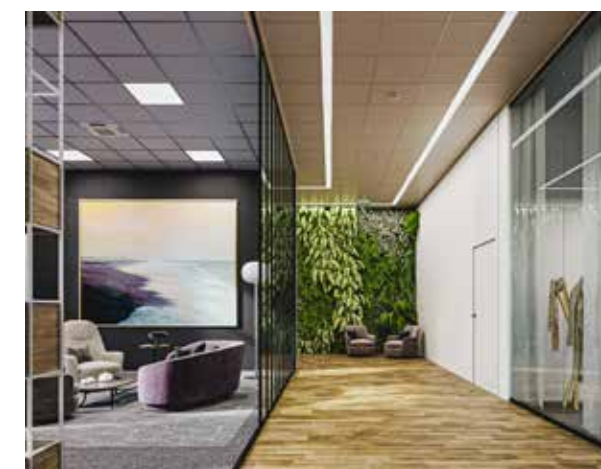
- GRAPHIS
- COLORTONE RANGE

INTEGRATED SOLUTIONS

- TECHZONE

ELEGANZA

DECORATIVE



COLORTONE DUNE eVo

- Wide range of modern designs, textures and colours adding interest within a space.
- Help sculpt the light in a space to high levels of light reflectance
- The new COLORTONE DUNE eVo has:
 - New finer surface
 - Discreet perforations
 - Improved sound absorption
 - MicroLook 90 edge detail.



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90	VECTOR	FINESSE	SL2
THICKNESS (mm)	19	19	19	19	19	19
MODULE (mm)	600 x 600 7661M 675 x 675 7662M 1200 x 600 7663M	600 x 600 7664M 675 x 675 7665M 1200 x 600 7666M	600 x 550 7713M 600 x 600 7674M 675 x 675 7675M 1200 x 300 7676M 1200 x 600 7677M 1500 x 600 7703M	600 x 600 7681M	600 x 600 7715M 1200 x 600 7716M	1500 x 300 7699M 1720 x 300 7700M 1800 x 300 7701M 2500 x 300 7702M
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/TL ² Interlude HRC XL ² Silhouette 6mm XL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	System Z - L-Bar	System Z - T-Bar System Z - Z-Bar System Z Corridor - T-Bar System Z Corridor - Z-Bar

COLOURS

Global White

SUSTAINABILITY

BRONZE

33-37¹

A+²

E1

IBU

¹ Depends on thickness, edge detail and size of tile.
² Except Vector: A

ACOUSTICS

EN ISO 10848-2 & EN ISO 717-1

EN ISO 140-3 & EN ISO 717-1

EN ISO 354 & EN ISO 11654

	D _{nfw}	R _w	α _w	Class	NRC	Hz α _p					
						125	250	500	1000	2000	4000
Board, Tegular, MicroLook 90	36 dB	18 dB	0.70(H)	C	0.75	0.40	0.50	0.65	0.85	0.95	1.00
Vector	33 dB	-	0.75(H)	C	0.75	0.35	0.55	0.65	0.80	0.95	0.90
Finesse	39 dB	-	0.70(H)	C	0.75	0.40	0.50	0.65	0.85	0.95	1.00
SL2	40 dB	-	0.65(H)	C	0.65	0.35	0.45	0.55	0.75	0.90	1.00

FIRE REACTION

EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES

87%

EN 12667 & ISO 8301

95% RH

λ = 0.052 W/m K

5.0 kg/m² (Board, Tegular, MicroLook 90, Finesse)
5.6 kg/m² (SL2)
5.8 kg/m² (Vector)

ISO 5

ISO 14644-1

30 YEAR system guarantee

CUSTOM OPTIONS

Dimensions

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

ULTIMA⁺

ULTIMA⁺ not only offers a finely textured and durable surface with a brighter “blue-white” colour and high light reflectance, it also offers a balance of both sound absorption and sound attenuation as well as being C2C Bronze certified.

- Key features**
- Good sound absorption: up to 0.75(H) α_w
 - Very high light reflectance: 87%
 - Reinforced scratch resistant face
 - Better finish and more durable edges
 - C2C Bronze certified / ISO 5 / A+
 - 30 year system guarantee
 - Available with SL2 MicroLook 90 edge detail

Application areas

Ideal for meeting rooms or waiting areas
ULTIMA⁺ Planks: ideal for both open areas and corridors.

OFFICE
Woningbouwvereniging Compaen (NL)
ULTIMA⁺ Vector





EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90																																			
THICKNESS (mm)	20	20	20																																			
MODULE (mm)	600 x 6007682M 675 x 6757683M 1200 x 6007684M	600 x 6007678M 675 x 6757679M 1200 x 6007680M	600 x 5507714M 600 x 6007685M 675 x 6757686M 1200 x 6007687M 1500 x 6007708M																																			
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²																																			
COLOURS																																						
SUSTAINABILITY																																						
ACOUSTICS																																						
	<table border="1"> <thead> <tr> <th></th> <th colspan="10">Hz α_p</th> </tr> <tr> <th></th> <th>D_{nfw}</th> <th>R_w</th> <th>α_w</th> <th>Class</th> <th>NRC</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Board, TEGULAR, MicroLook 90</td> <td>25 dB</td> <td>10 dB</td> <td>1.00</td> <td>A</td> <td>0.95</td> <td>0.40</td> <td>0.80</td> <td>1.00</td> <td>0.95</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table>				Hz α_p											D _{nfw}	R _w	α_w	Class	NRC	125	250	500	1000	2000	4000	Board, TEGULAR, MicroLook 90	25 dB	10 dB	1.00	A	0.95	0.40	0.80	1.00	0.95	1.00	1.00
	Hz α_p																																					
	D _{nfw}	R _w	α_w	Class	NRC	125	250	500	1000	2000	4000																											
Board, TEGULAR, MicroLook 90	25 dB	10 dB	1.00	A	0.95	0.40	0.80	1.00	0.95	1.00	1.00																											
FIRE REACTION																																						
OTHER PERFORMANCES & FEATURES																																						
CUSTOM OPTIONS																																						

ULTIMA⁺ OP

ULTIMA⁺ OP not only offers a finely textured and durable surface with a brighter “blue-white” colour for high light reflectance, but is also C2C Bronze certified and provides Class A sound absorption, making it ideal for open plan areas.

Key features

- Excellent sound absorption: 1.00 α_w
- Very high light reflectance: 87%
- Better finish and more durable edges
- C2C Bronze certified / ISO 5 / A+
- 30 year system guarantee

Application areas

Ideal for open spaces (call centres, cafeterias...).

OFFICE
PwC Headquarters (PL)
ULTIMA⁺ OP MicroLook 90



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



OFFICE
Trade Center Weena Plaza (NL)
ULTIMA⁺ dB SL2



ULTIMA⁺ dB

ULTIMA⁺ dB not only offers a finely textured and durable surface with a brighter “blue-white” colour for high light reflectance, but is also C2C Bronze certified and provides higher levels of sound attenuation performance for improving the privacy between adjacent spaces.

Key features

- Eliminates the need for sound barriers in closed offices
- Very high light reflectance: 87%
- Better finish and more durable edges
- C2C Bronze certified / ISO 5 / A+
- 30 year system guarantee

Application areas

Ideal for individual / private offices.

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90	SL2																																															
THICKNESS (mm)	19	19	19	23																																															
MODULE (mm)	600 x 6007688M 675 x 6757689M 1200 x 6007690M	600 x 6007695M 675 x 6757696M	600 x 6007697M 675 x 6757698M	1500 x 3007691M 1800 x 3007692M 2500 x 3007693M																																															
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²	System Z - T-Bar System Z - Z-Bar System Z Corridor - T-Bar System Z Corridor - Z-Bar																																															
COLOURS																																																			
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¹ Depends on thickness, edge detail and size of tile.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90																																
THICKNESS (mm)	17	17	17																																
MODULE (mm)	600 x 600 2801M 1200 x 600 2802M	600 x 600 2803M	600 x 600 2805M 1200 x 600 5180M 1500 x 600 5181M																																
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²																																
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PERLA

PERLA is a fully C2C Bronze certified range with a smooth laminated finish providing balanced acoustic performance combining both sound absorption and sound attenuation.

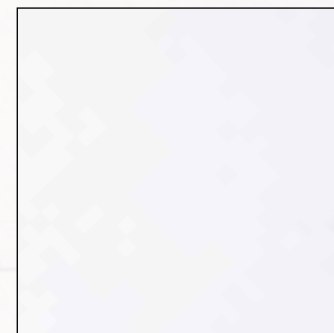
Key features

- Winning balance of sound attenuation and absorption
- Enhanced product durability
- High level of light reflectance: 86%
- Better finish and more durable edges
- C2C Bronze certified / ISO 5 / A+
- Available with SL2 MicroLook 90 edge detail

Application areas

Ideal for working and learning applications...

OFFICE
PERLA Tegular

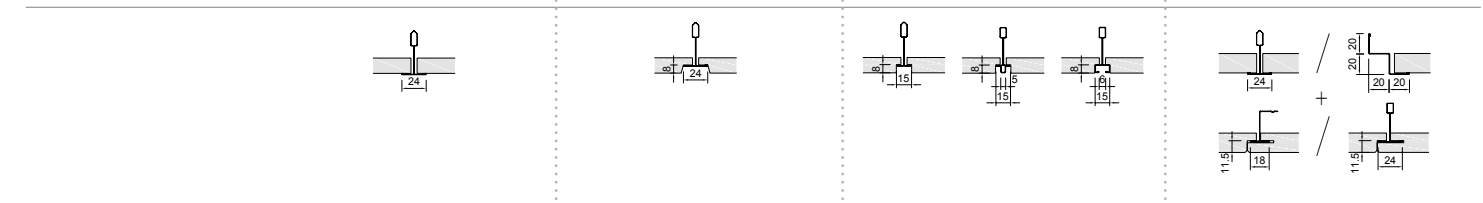


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PERLA OP 0.95



EDGE DETAIL BOARD TEGULAR MICROLOOK 90 SL2



THICKNESS (mm)	15/18	15	15/18	18
MODULE (mm)	600 x 600 x 15 3819M 675 x 675 x 15 3820M 1200 x 600 x 15 3821M 1500 x 600 x 18 3092M 1800 x 600 x 18 3093M	600 x 600 5173M 675 x 675 5175M 1200 x 600 5177M	600 x 550 x 15 5186M 600 x 600 x 15 5174M 675 x 675 x 15 5176M 1200 x 600 x 15 5178M 1200 x 600 x 18 5188M 1500 x 600 x 18 5187M	1500 x 300 3094M 1800 x 300 3096M

SUSPENSION SYSTEMS	BOARD	TEGULAR	MICROLOOK 90	SL2
	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL ² /XL ² Interlude HRC XL ² Silhouette 6mm XL ²	System Z - T-Bar System Z - Z-Bar System Z Corridor - T-Bar System Z Corridor - Z-Bar

COLOURS

Global White

SUSTAINABILITY

* Depends on thickness, edge detail and size of tile.

ACOUSTICS

	Hz α_w										
	D _{ntw}	R _w	α_w	Class	NRC	125	250	500	1000	2000	4000
Board, Tegular, MicroLook 90 (15mm)	25 dB	12 dB	0.95	A	0.90	0.45	0.80	0.95	0.90	1.00	1.00
Board, MicroLook 90 (18mm)	25 dB	10 dB	0.95	A	0.90	0.50	0.85	0.95	0.90	1.00	1.00
SL2	27 dB	-	0.95	A	0.90	0.45	0.85	0.95	0.90	0.95	1.00

FIRE REACTION

EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES

85%

95% RH²

ISO 5

30 YEAR
system
guarantee

$\lambda = 0.036$ W/m K
(15 mm)
 $\lambda = 0.037$ W/m K
(18 mm)
EN 12667 & ISO 8301

2.4 kg/m²
(15 mm)
2.9 kg/m²
(18 mm)
3.3 kg/m²
(Planks)

ISO 14644-1

BIM
READY

² Except 5177M and 5178M (70% RH).

CUSTOM OPTIONS

Dimensions

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PERLA OP 0.95

PERLA OP 0.95 is a fully C2C Bronze certified range with a smooth laminated finish and Class A sound absorption, making it ideal for open plan areas.

OFFICE
Zuiderzeeland Water Company,
Lelystad (NL)
PERLA OP 0.95 MicroLook 90



- Key features**
- Excellent sound absorption: 0.95 α_w
 - Better finish and more durable edges
 - C2C Bronze certified / ISO 5 / A+

Application areas
Ideal for open spaces (call centres, libraries, cafeterias...).

PERLA OP 1.00



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90																																	
THICKNESS (mm)	20	20	20																																	
MODULE (mm)	600 x 600 3861M 675 x 675 3862M 1200 x 600 3863M	600 x 600 3866M 675 x 675 3867M	600 x 600 2097M 675 x 675 2098M																																	
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²																																	
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FIRE REACTION	EEA Euroclass A2-s1, d0 EN 13501-1		RUS KM1 (G1, V1, D1, T1) FZ 123																																	
OTHER PERFORMANCES & FEATURES	85% $\lambda = 0.037 \text{ W/m K}$ 	95% RH 3.1 kg/m ²	ISO 5 ISO 14644-1 30 YEAR system guarantee BIM READY																																	
CUSTOM OPTIONS	 Dimensions																																			

¹ Depends on thickness, edge detail and size of tile.

PERLA OP 1.00

PERLA OP 1.00 is a fully C2C Bronze certified range with a smooth laminated finish and offers the highest level of sound absorption (1.00 α_w), making it ideal for open plan areas.

OFFICE
RFI Radio (FR)
PERLA OP 1.00 MicroLook 90



- Key features**
- Excellent sound absorption: 1.00 α_w
 - Good light reflectance: 85%
 - Better finish and more durable edges
 - C2C Bronze certified / ISO 5 / A+

Application areas
Ideal for open spaces (call centres, libraries, cafeterias...).

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90	SL2
THICKNESS (mm)	19	19	19	19
MODULE (mm)	600 x 600 3191M	600 x 600 3192M	600 x 600 2095M 675 x 675 2096M	1500 x 300 3797M 1800 x 300 3798M 2500 x 300 3799M
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²	System Z - T-Bar System Z - Z-Bar System Z Corridor - T-Bar System Z Corridor - Z-Bar

COLOURS

Global White

SUSTAINABILITY

BRONZE

43

A+

E1

IBU

ACOUSTICS

	EN ISO 10848-2 & EN ISO 717-1			EN ISO 140-3 & EN ISO 717-1		EN ISO 354 & EN ISO 11654		Hz α_p					
	D_{nfw}	R_w	α_w	Class	NRC	125	250	500	1000	2000	4000		
Board, Tegular, MicroLook 90	41 dB	21 dB	0.60(H)	C	0.65	0.30	0.40	0.55	0.70	0.85	0.95		
SL2	43 dB	-	0.50(H)	D	0.50	0.30	0.35	0.40	0.60	0.70	0.80		

FIRE REACTION

EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES

86%

95% RH

ISO 5

ISO 14644-1

30 YEAR system guarantee

BIM READY

$\lambda = 0.067$ W/m K

7.6 kg/m²

EN 12667 & ISO 8301

CUSTOM OPTIONS

Dimensions

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PERLA dB

PERLA dB is a fully C2C Bronze certified range with a smooth laminated finish providing enhanced sound attenuation performance for improving the privacy between adjacent spaces.

- Key features**
- Excellent level of sound attenuation: up to 43 dB
 - High recycled content: 64%
 - High light reflectance: 86%
 - Better finish and more durable edges
 - C2C Bronze certified / ISO 5 / A+

Application areas
Ideal for individual offices.

OFFICE
PERLA dB Board





SIERRA

Covered with a glass fibre scrim, SIERRA is an acoustic sustainable ceiling solution with a smooth surface finish.

Key features

- Stronger edges, better finish
- Good level of sound absorption: 0.70(H) α_w
- Long-lasting solution, easy to clean
- ISO 5


















Application areas

Ideal for working and learning environments.

EDUCATION

Jan Kochalowski University of Humanities & Sciences (PL)
SIERRA Board



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK																																							
THICKNESS (mm)	13	13	13																																							
MODULE (mm)	600 x 600 3612M 675 x 675 3614M 1200 x 600 3615M	600 x 600 3619M	600 x 600 3621M																																							
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ²																																							
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SUSTAINABILITY	   ¹ Depends on thickness, edge detail and size of tile.																																									
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SIERRA OP

SIERRA OP is a cost effective laminated mineral tile offering a smooth white appearance combined with Class A acoustic performance.

Key features

- High level of sound absorption: up to 0.90 α_w
- Long-lasting solution, easy to clean
- ISO 5

Application areas

Ideal for open spaces (call centres, libraries, cafeterias...).

OFFICE
De Meers Office (BE)
SIERRA OP Board



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90	SL2																																																											
THICKNESS (mm)	15/17	15/17	15/17	17																																																											
MODULE (mm)	600 x 600 x 15 4115M 675 x 675 x 15 4116M 1200 x 600 x 15 4117M 1250 x 625 x 15 4117D 600 x 600 x 17 3780M 1200 x 600 x 17 3781M 1500 x 600 x 17 3782M 1800 x 600 x 17 3796M	600 x 600 x 15 4200M 675 x 675 x 15 4201M 1200 x 600 x 15 4205M 600 x 600 x 17 4400M 1200 x 600 x 17 4401M	600 x 600 x 15 4202M 675 x 675 x 15 4203M 1200 x 600 x 15 4204M 600 x 600 x 17 4402M 1200 x 600 x 17 4403M	1500 x 300 x 17 4404M 1800 x 300 x 17 4405M																																																											
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OPTIMA

OPTIMA has a fine textured surface and offers Class A sound absorption in a large variety of size, thicknesses and edge details.

OFFICE
Head Office SIMOBIL (S)
OPTIMA Vector



Key features

- Excellent sound absorption: 1.00 α_w
- High light reflectance: 87%
- Painted edges
- Excellent mechanical strength (fibre glass fleece at the back)

Application areas

Ideal for open spaces (call centres, libraries, cafeterias...).

EDGE DETAIL	BOARD	TEGULAR 90	MICROLOOK 90	VECTOR
THICKNESS (mm)	15/20/25	15/20/25	15/20/25	22
MODULE (mm)	600 x 600 x 15 .....2327M 1200 x 600 x 15 .....2328M 600 x 600 x 20 .....2335M 1800 x 600 x 20 .....2337M 1200 x 1200 x 20 .....2338M 600 x 600 x 25 .....2379M	600 x 600 x 15 2329M 1200 x 600 x 15 2330M 600 x 600 x 20 2349M 600 x 600 x 25 2381M 1200 x 1200 x 20 2352M	600 x 600 x 15 2331M 1200 x 600 x 15 2332M 600 x 600 x 20 2363M 1200 x 600 x 20 2364M 1200 x 1200 x 20 2366M 600 x 600 x 25 2383M	600 x 600 2387M 1200 x 600 3413M
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²

COLOURS



SUSTAINABILITY



ACOUSTICS



	D_{nfw}	R_w	α_w	Class	NRC	Hz α_p					
						125	250	500	1000	2000	4000
Board, Tegular 90, MicroLook 90 (15 mm)	-	7 dB	0.90(H)	A	0.90	0.35	0.75	1.00	0.80	0.90	0.95
Board, Tegular 90, MicroLook 90 (20 mm)	-	-	0.95(H)	A	0.95	0.40	0.80	1.00	0.85	1.00	1.00
Board, Tegular 90, MicroLook 90 (25 mm)	24 dB	-	1.00(H)	A	1.00	0.50	0.85	1.00	0.95	1.00	1.00
Vector	-	-	1.00(H)	A	0.95	0.35	0.80	1.00	0.90	1.00	1.00

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM2 (G1, V2, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



Dimensions

[2019-12] Die Produktverfügbarkeit kann variieren.
Für weitere Informationen kontaktieren Sie uns bitte oder besuchen Sie uns unter www.knaufarmstrong.com.



NEEVA

The smooth laminated finish of the NEEVA products combines Class A sound absorption and aesthetics.

Key features

- Excellent sound absorption: up to 1.00 α_w
- Painted edges to improve the mechanical strength
- Fibre glass fleece on the back to add strength

Application areas

Ideal for open spaces (call centres, libraries, cafeteria...).

OFFICE
Dutch Technology (NL)
NEEVA Board 1200 x 1200 mm



EDGE DETAIL	BOARD	TEGULAR 90	MICROLOOK 90																																																
THICKNESS (mm)	15/18	18	18																																																
MODULE (mm)	600 x 600 x 15 2691M 1200 x 600 x 15 2692M 600 x 600 x 18 2404M 675 x 675 x 18 2409M 1200 x 600 x 18 2405M 1200 x 1200 x 18 2406M 1800 x 300 x 18 2408M 1800 x 600 x 18 2407M 1350 x 600 x 18 2410M 1350 x 675 x 18 2411M	600 x 600 2414M 675 x 675 2418M 1200 x 600 2415M 1200 x 1200 2416M	600 x 600 2423M 675 x 675 2427M 1200 x 600 2424M																																																
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Corrosive Resistant Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²																																																
COLOURS	COLORTONE NEEVA 																																																		
SUSTAINABILITY																																																			
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	D_{nfw}	R_w	α_w	Class	NRC	125	250	500	1000	2000	4000																																								
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PLAIN

The smooth and white surface of PLAIN meets today's trends for cleaner finishes whilst maximising light reflectance.

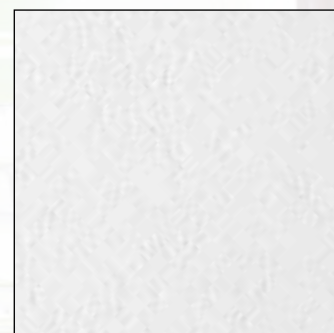
Key features

- High light reflectance: 87%
- Energy savings due to high level of light reflectance
- Good sound attenuation

Application areas

Ideal for retail environments.

RETAIL
PLAIN Tegular



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK																																
THICKNESS (mm)	15	15	15																																
MODULE (mm)	600 x 600 9587M 1200 x 600 9588M	600 x 600 9589M	600 x 600 9590M																																
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ²																																
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FIRE REACTION	 EEA Euroclass A2-s1, d0 EN 13501-1		RUS KM1 (G1, V1, D1, T1) FZ 123																																
OTHER PERFORMANCES & FEATURES	 87% $\lambda = 0.060$ W/m K 	 95% RH ≈ 3.5 kg/m ²	 30 YEAR system guarantee 																																
CUSTOM OPTIONS	 Dimensions																																		

¹ Depends on thickness, edge detail and size of tile.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



SAHARA

The popular SAHARA lightly textured and microperforated surface combines good sound absorption and sound attenuation performance. It is available in a range of sizes including the unique Vector edge detail.

Key features

- High sag resistance
- Good acoustical absorption and sound reduction
- Available in a wide range of sizes and edge details

Application areas

Ideal for school environments, classrooms, offices...

OFFICE
Laurus/SuperdeBoer (NL)
SAHARA MicroLook



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK	MICROLOOK BE	VECTOR	SL2																																																																																				
THICKNESS (mm)	15/17	15	15	15	19	17																																																																																				
MODULE (mm)	Perforated 600 x 600 x 15 2516M 675 x 675 x 15 2520M 1200 x 600 x 15 2517M 1500 x 300 x 17 2315M 1720 x 300 x 17 2728M 1800 x 300 x 17 2316M 2500 x 300 x 17 2317M Unperforated 600 x 600 x 15 2610M	Perforated 600 x 600 2518M 675 x 675 2521M 1200 x 600 2522M Unperforated 600 x 600 2612M	Perforated 600 x 600 2519M 1200 x 300 2730M 1200 x 600 2731M Unperforated 600 x 600 2613M	Perforated 600 x 600 2524M 675 x 675 2690M	Perforated 600 x 600 3322M	Perforated 1500 x 300 2310M 1720 x 300 2311M 1800 x 300 2312M 2500 x 300 2318M																																																																																				
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette Gmm XL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	System Z - T-Bar System Z - Z-Bar System Z Corridor - T-Bar System Z Corridor - Z-Bar																																																																																				
COLOURS	Global White	Option: SAHARA Unperforated	COLORTONE DUNE eVo Carrara (CA)	Platinum (PN)	Blue Mountain (BT)																																																																																					
SUSTAINABILITY					* Depends on thickness, edge detail and size of tile.																																																																																					
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OTHER PERFORMANCES & FEATURES	$\lambda = 0.060$ W/m K			≈ 3.5 - 3.9 kg/m ² Board, Tegular, MicroLook, MicroLook BE (15 mm) 5.5 kg/m ² SL2, Board (17 mm) 6.0 kg/m ² Vector (19 mm)																																																																																						
CUSTOM OPTIONS																																																																																										

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SAHARA MAX



EDGE DETAIL	BOARD	TEGULAR
THICKNESS (mm)	18	18
MODULE (mm)	600 x 600 .....2103M	600 x 600 2260M
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²
COLOURS	 Global White	

SUSTAINABILITY

EN ISO 14021
42

A+

EN 13964
E1

ACOUSTICS

EN ISO 10848-2 & EN ISO 717-1

EN ISO 140-3 & EN ISO 717-1

EN ISO 354 & EN ISO 11654

	Hz α_p										
	D_{nfw}	R_w	α_w	Class	NRC	125	250	500	1000	2000	4000
Board, Tegular	35 dB	17 dB	0.65	C	0.65	0.50	0.55	0.75	0.75	0.70	0.45

FIRE REACTION

EEA Euroclass A2-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES

84%

95% RH

30 YEAR
system guarantee

EN 12667 & ISO 8301
 $\lambda = 0.060$ W/m K

4.3 kg/m²

BIM
READY

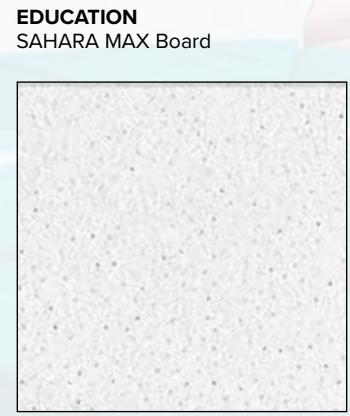
SAHARA MAX

SAHARA MAX with its microperforated, finely sanded surface, offers improved levels of sound absorption and sound attenuation, making it a great choice for classrooms and other areas requiring Class C sound absorption.

- Key features**
- High sag resistance
 - Balanced acoustic solution with sound absorption of 0.65 α_w and sound attenuation of 35 dB

Application areas

Ideal for classrooms and general teaching conditions.



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SAHARA dB



SAHARA dB

The higher attenuation performance of SAHARA dB offers a perfect solution for improving the privacy between adjacent spaces.

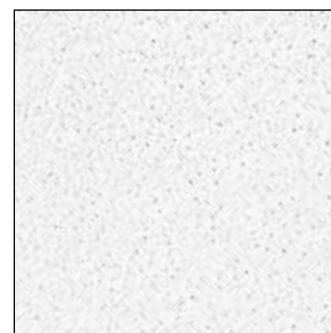
Key features

- Excellent sound attenuation along with good levels of sound absorption
- Eliminate the need for sound barriers in closed office applications
- Can be mixed with other SAHARA products to match acoustical performances according to your precise needs

Application areas

Ideal for individual offices.

OFFICE
SAHARA dB MicroLook BE



EDGE DETAIL	BOARD	TEGULAR	MICROLOOK BE																																
THICKNESS (mm)	19	19	19																																
MODULE (mm)	600 x 600 2990M	600 x 600 2992M	600 x 600 2994M																																
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Silhouette 15 XL ² Silhouette 6mm XL ²																																
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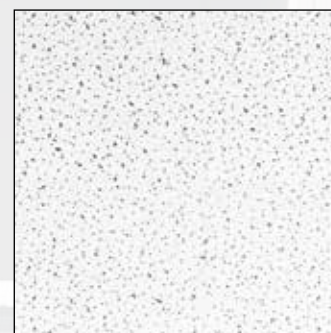
FINE FISSURED



FINE FISSURED

The non-directional FINE FISSURED surface provides a cost effective solution for providing Class C sound absorption.

OFFICE
FINE FISSURED Board



Key features

- Good sound absorption
 α_w : 0.60(H) (15mm)
0.70 (19mm)

Application areas

Ideal for circulation areas,
meeting rooms etc.

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK																																							
THICKNESS (mm)	15/19	15	15																																							
MODULE (mm)	600 x 600 x 15 9121M 1200 x 600 x 15 9120M 600 x 600 x 19 5161M	600 x 600 x 15 9122M 600 x 600 x 19 5162M	600 x 600 9202M																																							
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ¹																																							
COLOURS	COLORTONE FINE FISSURED																																									
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SUSTAINABILITY	 																																									
ACOUSTICS	 																																									
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CUSTOM OPTIONS																																										

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GRAPHIS

The GRAPHIS range offers a smoother plaster-like finish combined with subtle geometric patterns and a unique curved MicroLook edge detail.

Key features

- Very high light reflectance: 92%
- Available in MicroLook edge detail
- High recycled content: 52%

Application areas

Ideal for reception areas, shops or conference rooms.

OFFICE GRAPHIS Mix A



EDGE DETAIL

MICROLOOK



THICKNESS (mm)

17

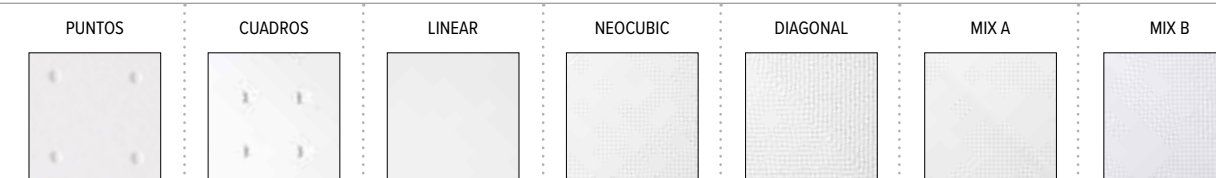
MODULE (mm)

600 x 600 ..9900M9901M 9220M9221M 9222M 9223M 9224M

SUSPENSION SYSTEMS

Prelude 15 TL / XL²

COLOURS



SUSTAINABILITY



52



A+



E1

ACOUSTICS



EN 20140-9 & EN ISO 717-1



EN ISO 354 & EN ISO 11654

	Hz α_p									
	D_{nfw}	α_w	Class	NRC	125	250	500	1000	2000	4000
MicroLook	36 dB	0.15(L)	E	0.15	0.35	0.20	0.10	0.10	0.15	0.25

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES



92%



70% RH



$\lambda = 0.060$ W/m K



6.5 kg/m²

EN 12667 & ISO 8301

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

COLORTONE NEEVA



EDGE DETAIL

BOARD



THICKNESS (mm)

15

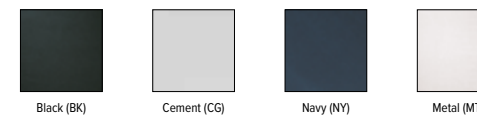
MODULE (mm)

600 x 600 x 15	2695MBK	2695MCG	2695MNY	2695MMT
1200 x 600 x 15	2696MBK	2696MCG	2696MNY	2696MMT

SUSPENSION SYSTEMS

Prelude 24 XL²/TL²
 Prelude 24 Corrosive Resistant
 Prelude 24 Sixty² XL²/TL²

COLOURS



SUSTAINABILITY



ACOUSTICS



	D _{nfw}	R _w	α _w	Class	NRC	Hz α _p					
						125	250	500	1000	2000	4000
Board	-	7 dB	1.00	A	0.95	0.40	0.90	1.00	0.90	1.00	1.00

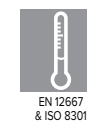
FIRE REACTION



EEA Euroclass A1 (Black, Navy)
 Euroclass A2-s1,d0 (Cement)
 Euroclass A2-s2,d0 (Metal)
 EN 13501-1

RUS KM1 (G1, V1, D1, T1)
 FZ 123

OTHER PERFORMANCES & FEATURES



λ = 0.033 W/m K



95% RH



1.2 kg/m²



30 YEAR
 system
 guarantee

BIM
 READY

CUSTOM OPTIONS



Colours¹



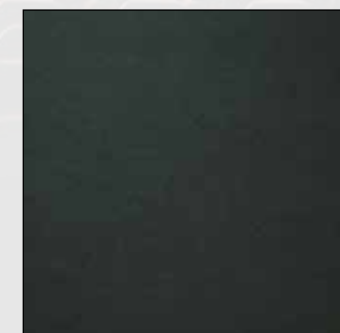
Dimensions

¹ Prelude suspension systems are available in following standard colours: Black (BK), Silver Grey RAL9006 (SG), Brass (BS), Chrome (CE), White RAL9010 (WR). A choice of over 180 RAL colours is available as a special order.

COLORTONE RANGE

COLORTONE offers a simple way to play with colours in ceilings, available in DUNE eVo or NEEVA surfaces to suit your acoustic requirements.

LEISURE
 COLORTONE NEEVA Black



Key features



- 3 edge details available (DUNE eVo)
- Excellent acoustical absorption: 1.00 α_w (NEEVA)

Application areas

Ideal for cafeterias, cinemas, theatres.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

COLORTONE FINE FISSURED


EDGE DETAIL	BOARD
	
THICKNESS (mm)	15
MODULE (mm)	600 x 600 9121MBK
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 CR / TL ² Prelude 24 Sixty ² XL ² /TL ²
COLOURS	 Black (BK)

SUSTAINABILITY



51 A E1

ACOUSTICS










	Hz α_p									
	D_{nfw}	α_w	Class	NRC	125	250	500	1000	2000	4000
Board (15mm)	36 dB	0.60(H)	C	0.60	0.40	0.40	0.55	0.75	0.75	0.75

FIRE REACTION

	EEA Euroclass A2-s1, d0 EN 13501-1	RUS KM1 (G1, V1, D1, T1) FZ 123
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OTHER PERFORMANCES & FEATURES

 $\lambda = 0.060$ W/m K	 95% RH		
	 3.4 kg/m ²		



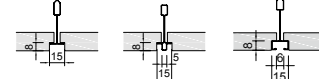
CUSTOM OPTIONS



Colours¹

¹ Prelude suspension systems are available in following standard colours: Black (BK), Silver Grey RAL9006 (SG), Brass (BS), Chrome (CE), White RAL9010 (WR). A choice of over 180 RAL colours is available as a special order.

COLORTONE DUNE eVo

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90
			
THICKNESS (mm)	15	15	15
MODULE (mm)	600 x 600 5460MCA 1200 x 600 5461MCA 600 x 600 5460MPN 1200 x 600 5461MPN 600 x 600 5460MBT 1200 x 600 5461MBT	600 x 600 5462MCA 600 x 600 5462MPN 600 x 600 5462MBT	600 x 600 5464MCA 600 x 600 5464MPN 600 x 600 5464MBT
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 24 XL ² /TL ² Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ² Silhouette 6mm XL ²

COLOURS




Carrara (CA) Platinum (PN) Blue Mountain (BT)

SUSTAINABILITY



44 A E1

ACOUSTICS










	Hz α_p									
	D_{nfw}	α_w	Class	NRC	125	250	500	1000	2000	4000
Board, Tegular, MicroLook	34 dB	0.60	C	0.50	0.40	0.40	0.60	0.55	0.55	0.50

FIRE REACTION

	EEA Euroclass A2-s1, d0 EN 13501-1	RUS KM1 (G1, V1, D1, T1) FZ 123
---	--	---

OTHER PERFORMANCES & FEATURES

 up to 72%	 95% RH		
 $\lambda = 0.060$ W/m K	 ≈ 3.6 kg/m ²		

CUSTOM OPTIONS



Colours¹



Dimensions

¹ Prelude suspension systems are available in following standard colours: Black (BK), Silver Grey RAL9006 (SG), Brass (BS), Chrome (CE), White RAL9010 (WR). A choice of over 180 RAL colours is available as a special order.



TECHZONE™

The industry's first easy-to-specify-and-install ceiling solution with integrated technical services is available from Knauf Armstrong.

Key features

- Easily organise lighting, air diffusers and returns, into 100mm and 150mm wide technical zones
- Compatible fixtures from our partner companies Integrates with standard, pre-engineered
- Axiom Perimeter Solutions, Axiom Transitions, Axiom Profiles and standard perimeter solutions
- Monolithic look using standard ceiling panels and suspension systems

Application areas

Ideal for open spaces or individual offices depending on the density of the tile.

OFFICE
TECHZONE™ Ceiling system

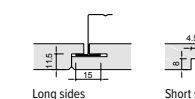


EDGE DETAIL

MICROLOOK 90



SL2 MICROLOOK 90



THICKNESS (mm)

Depends on the tile you choose.

17/19

MODULE (mm)

FIELD PANELS

ULTIMA*	PERLA
1200 x 600 x 19 7677M	1200 x 600 x 17 5180M
1500 x 600 x 19 7703M	1500 x 600 x 17 5181M
ULTIMA* OP	PERLA OP 0.95
1200 x 600 x 20 7684M	1200 x 600 x 15/18 5188M
1500 x 600 x 20 7708M	1500 x 600 x 18 5187M

OPTIMA
1200 x 1200 x 20 2366M

TECHNICAL PANELS

ULTIMA*	PERLA
1200 x 100 TZ7704M	1200 x 100 TZ2612M
1200 x 150 TZ7705M	1200 x 150 TZ2613M

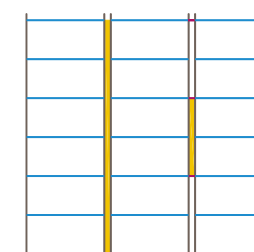
ULTIMA*	PERLA
1500 x 300 x 19 7706M	1500 x 300 x 17 5184M
1800 x 300 x 19 7707M	1800 x 300 x 17 5185M

ULTIMA* OP	PERLA OP 0.95
1200 x 100 TZ7709M	1200 x 100 TZ2618M
1200 x 150 TZ7710M	1200 x 150 TZ2619M

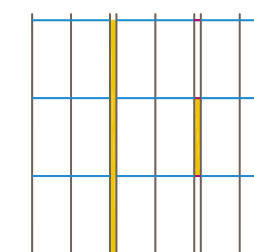
OPTIMA
1200 x 100 TZ7715M
1200 x 150 TZ3403M

- Main Runners
- Cross Tees
- Lights or Air diffusers (suggested location)

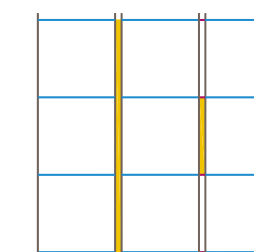
Layout option A



Layout option B



Layout option C



Layout option D



For installation details, see our TECHZONE installation guide.

SUSPENSION SYSTEMS

Prelude 15 XL²

SUSTAINABILITY



Full system C2C certified when using ULTIMA* / ULTIMA* OP / PERLA / PERLA OP 0.95
Other sustainability performances depend on the ceiling tile chosen. See each product page for detailed information.

ACOUSTICS

FIRE REACTION

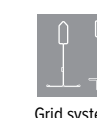
Performances depend on the ceiling tile chosen.
See each product page for detailed information.

OTHER PERFORMANCES & FEATURES

PARTNERS



CUSTOM OPTIONS



[2019-12] All sizes are nominal. Product availability may vary.
Please contact us or visit www.knaufarmstrong.com for more information.



Z ELEGANZA® Seamless Acoustics

Acoustics & Design without compromise.

ELEGANZA™ Seamless Acoustics offers a ground breaking new system with a 100% seamless finish featuring an elegant finely textured visual that is durable and stays whiter and brighter for longer. ELEGANZA™ Seamless Acoustics delivers Class A acoustical absorption performance so you can have the best of both worlds: outstanding acoustic control and a stunning seamless finish.

Key features

- 100% Seamless — no visible joints providing a long lasting durable finish and a monolithic appearance
- Class A acoustical absorption performance for improved acoustical comfort
- Finely textured visual with blue white colour, designed to stay whiter and brighter for longer
- Full system solution when installed on Knauf Armstrong Drywall Grid System
- Larger panels and fewer joints: easier and faster to install
- Standard accessories compatibility for a complete solution

Application areas

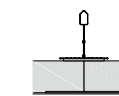
- Restaurants
- Retail & Leisure
- Office
- Healthcare
- Education
- Residential

OFFICE
Delft Water Board (NL)
ELEGANZA™



EDGE DETAIL

SEAMLESS



THICKNESS (mm)

25

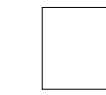
MODULE (mm)

2400 x 1200 7777M

SUSPENSION SYSTEMS

Drywall Grid System - DGS

COLOURS



Global White
RAL colours available on request

SUSTAINABILITY



20



A



E1

ACOUSTICS



EN ISO 354 & EN ISO 11654

	α_w	Class	NRC	Hz α_p					
				125	250	500	1000	2000	4000
ELEGANZA	0.95	A	0.90	0.35	0.70	0.95	0.95	1.00	1.00

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



81%



> 99%



$\lambda = 0.037$ W/m K

EN 12667 & ISO 8301



95% RH



≈ 5.7 kg/m²

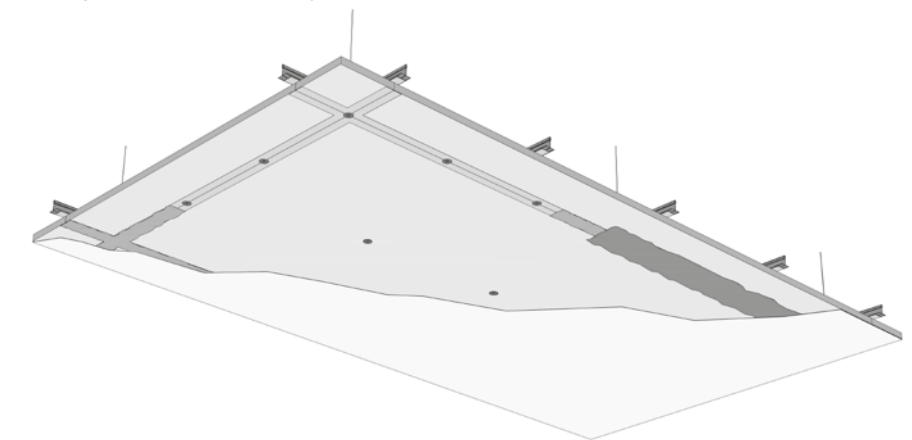
CUSTOM OPTIONS



Colours

INSTALLATION LAYOUT

Installing Knauf Armstrong ELEGANZA™ with DGS System



[2020-08] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



SPECIFIC SOLUTIONS

- BIOGUARD ACOUSTIC OP
- BIOGUARD ACOUSTIC
- BIOGUARD PLAIN
- SANIGUARD
- PARAFON HYGIEN

- CLEAN ROOM FL
- HYDROBOARD
- CERAMAGUARD
- NEWTONE

SPECIFIC SOLUTIONS FOR SPECIFIC AREAS

BIOGUARD for healthcare environments

The Bioguard treatment applied to mineral and metal tiles provides good cleanability and resistance to disinfectants as well as anti-microbial and clean room performance.

CORROSION RESISTANT GRID

Our corrosion resistant grid is galvanised and organically coated in accordance with Durability – Class of Exposure Class C (EN 13964: table 8). In addition it has been tested for salt spray corrosion in accordance with EN ISO 9227 and achieved over 700 hours resistance.

PARAFON HYGIEN for clean rooms and kitchens

Suitable for high pressure water cleaning and providing high sound absorption the product is particularly adapted to greasy and noisy environments such as kitchens. The ISO 4 performance makes the product suitable for clean rooms.

HYDROBOARD for higher humidity areas

For solutions requiring higher than standard resistance to humidity, Hydroboard is stable at humidities up to 100%.

CLEAN ROOM FL for clean rooms

The surface and edges are sealed with a polyester film which doesn't attract dust and can be washed regularly. The product is suitable for ISO 5 clean rooms.

CERAMAGUARD & NEWTONE for high humidity areas

With a true 100% RH resistance, these products are the ideal solution for swimming pools, shower areas, toilets and areas subject to extremes of temperature and humidity.

Note: For swimming pools and other potentially aggressive environments, there are many variables in the overall design that can impact the suitability of installed materials. Please contact us or visit our website for further information.

BIOGUARD SOLUTIONS



BIOGUARD is a special treatment applied to Knauf Armstrong mineral and metal tiles which provides protection against bio-contamination.

- Good cleanability and resistance to disinfectants.
- They provide clean room performance.
- They prevent the build-up of bacteria, mould and yeast.
- There is no spread of chemicals in the air.
- They are harmless for people, animals and plants.
- They are effective during the life-time of the ceiling as long as the surface is intact.
- The very smooth surface limits the accumulation of dust and micro-organisms.

BIOGUARD ACOUSTIC Board is available with fully painted edges to provide the best guarantee for a clean room environment.

100% RH performance for Metal BIOGUARD PLAIN when painted front and back.

	MINERAL			METAL	GRID
	BIOGUARD ACOUSTIC OP	BIOGUARD ACOUSTIC	BIOGUARD PLAIN	METAL BIOGUARD PLAIN	CLEAN ROOM 24
Classification NF S 90-351:2013	Zone 4	Zone 2, 3, 4	Zone 2	Zone 4	Zone 2, 3, 4
Particle Cleanliness Class¹	ISO 3	ISO 5	ISO 5	ISO 1	ISO 3
Material	Mineral	Mineral	Mineral	Steel	Aluminium
Cleaning	Dry cloth, Moist cloth, Damp sponge, Dry steam	Dry cloth, Moist cloth, Damp sponge, Dry steam (twice a year)	Dry cloth, Moist cloth, Damp sponge	High pressure water cleaning with mastic sealed bevel joints ²	Dry cloth, Moist cloth, Damp sponge
Resistance to disinfectants	Quaternary Ammonium, Hydrogen Peroxide, Chlorine, Glutaraldehyde				

¹ Tested against ISO 14644-1.

² High pressure water cleaning solution is using METAL Clip-In Plain.



BIOGUARD ACOUSTIC OP

BIOGUARD ACOUSTIC OP is suitable for demanding healthcare application requiring Class A sound absorption and stringent cleaning methods: dry steam and damp cloth using standard detergents. It does not contribute to the growth of MRSA.

HEALTHCARE
BIOGUARD Acoustic OP



Key features

- Safe use with disinfectants
- ISO 3
- Enhanced sound absorption (α_w 0.95) and water-repellency
- Microbiological class M1 fulfilling the requirements of Zone 4 defined by NF S 90-351:2013

Application areas

Ideal for healthcare environments with severe risk of infection.

BIOGUARD ACOUSTIC OP

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90																														
THICKNESS (mm)	20	20	20																														
MODULE (mm)	600 x 600 2591M 1200 x 600 2592M	600 x 600 2593M	600 x 600 2594M																														
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Corrosive Resistant Clean Room 24	Prelude 24 XL ² /TL ² Clean Room 24	Prelude 15 TLXL ² Interlude HRC XL ² Silhouette 6mm XL ²																														
COLOURS	 Global White																																
SUSTAINABILITY																																	
ACOUSTICS	 EN ISO 10848-2 & EN ISO 717-1 EN ISO 354 & EN ISO 11654 <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="7">Hz α_p</th> </tr> <tr> <th>D_{nfw}</th> <th>α_w</th> <th>Class</th> <th>NRC</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Board, TEGular, MicroLook 90</td> <td>25 dB</td> <td>0.95</td> <td>A</td> <td>0.95</td> <td>0.55</td> <td>0.85</td> <td>0.95</td> <td>0.90</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table>					Hz α_p							D_{nfw}	α_w	Class	NRC	125	250	500	1000	2000	4000	Board, TEGular, MicroLook 90	25 dB	0.95	A	0.95	0.55	0.85	0.95	0.90	1.00	1.00
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D_{nfw}	α_w	Class	NRC	125	250	500	1000	2000	4000																								
Board, TEGular, MicroLook 90	25 dB	0.95	A	0.95	0.55	0.85	0.95	0.90	1.00	1.00																							
FIRE REACTION	 EEA Euroclass A2-s1, d0 EN 13501-1																																
OTHER PERFORMANCES & FEATURES	<table border="0"> <tr> <td> 87%</td> <td> 95% RH</td> <td> ISO 3</td> <td></td> <td rowspan="2">30 YEAR system guarantee</td> </tr> <tr> <td> $\lambda = 0.037$ W/m K</td> <td> 3.3 kg/m²</td> <td> ISO 14644-1</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>BIM READY</td> </tr> </table>			87%	95% RH	ISO 3		30 YEAR system guarantee	$\lambda = 0.037$ W/m K	3.3 kg/m ²	ISO 14644-1						BIM READY																
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				BIM READY																													
CUSTOM OPTIONS	 Dimensions																																

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



BIOGUARD ACOUSTIC

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK																																
THICKNESS (mm)	17	17	17																																
MODULE (mm)	600 x 600 2549M 1200 x 600 2550M 600 x 600 with painted edges 2703M 1200 x 600 2704M	600 x 600 2551M	600 x 600 2552M																																
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Corrosive Resistant Clean Room 24	Prelude 24 XL ² /TL ² Clean Room 24	Prelude 15 TL/XL ² Interlude HRC XL ²																																
COLOURS	 Global White																																		
SUSTAINABILITY																																			
ACOUSTICS																																			
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FIRE REACTION																																			
OTHER PERFORMANCES & FEATURES																																			
CUSTOM OPTIONS																																			

BIOGUARD ACOUSTIC

BIOGUARD ACOUSTIC combines excellent cleanability, resistance to disinfectants and sound absorption. Along with its antimicrobial performance it is an ideal solution for healthcare environments.

Key features

- Safe use with disinfectants
- Enhanced water repellency: washable
- ISO 4*
- Enhanced sound absorption (α_w 0.60(H))

Application areas

Ideal for healthcare environments with average or severe risk of infection.

HEALTHCARE
UVN SNP Hospital (SK)
BIOGUARD Acoustic



* With Clean Room 24 grid.
[2020-02] All sizes are nominal. Product availability may vary.
Please contact us or visit www.knaufarmstrong.com for more information.



BIOGUARD PLAIN

BIOGUARD PLAIN combines excellent cleanability and resistance to disinfectants. Along with its antimicrobial performance it is an ideal solution for healthcare environments.

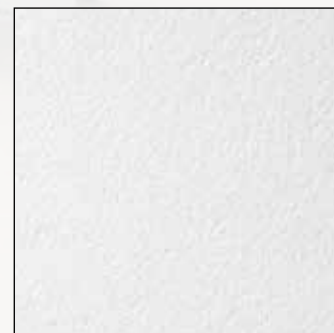
Key features

- Available in Plain surface with enhanced water repellency
- High light reflectance: 87%
- Washable
- Safe use with disinfectants
- ISO 4*
- Good sound attenuation for increased confidentiality: 35 dB

Application areas

Ideal for healthcare environments with average or severe risk of infection.

HEALTHCARE
UVN SNP Hospital (SK)
BIOGUARD Plain



BIOGUARD PLAIN

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK																																
THICKNESS (mm)	15	15	15																																
MODULE (mm)	600 x 600 2221M 1200 x 600 2222M	600 x 600 2223M	600 x 600 2224M																																
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ² Prelude 24 Corrosive Resistant Clean Room 24	Prelude 24 XL ² /TL ² Clean Room 24	Prelude 15 TLXL ² Interlude HRC XL ²																																
COLOURS	 Global White																																		
SUSTAINABILITY	<p>¹ Depends on thickness, edge detail and size of tile.</p>																																		
ACOUSTICS	<table border="1"> <thead> <tr> <th></th> <th colspan="7">Hz α_p</th> </tr> <tr> <th></th> <th>D_{nfw}</th> <th>R_w</th> <th>α_w</th> <th>Class</th> <th>NRC</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Board, Tegular, MicroLook</td> <td>35 dB</td> <td>19 dB</td> <td>0.20(L)</td> <td>E</td> <td>0.20</td> <td>0.40</td> <td>0.25</td> <td>0.15</td> <td>0.15</td> <td>0.20</td> <td>0.30</td> </tr> </tbody> </table>				Hz α _p								D _{nfw}	R _w	α _w	Class	NRC	125	250	500	1000	2000	4000	Board, Tegular, MicroLook	35 dB	19 dB	0.20(L)	E	0.20	0.40	0.25	0.15	0.15	0.20	0.30
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FIRE REACTION	EEA Euroclass A2-s1, d0 EN 13501-1		RUS KM1 (G1, V1, D1, T1) FZ 123																																
OTHER PERFORMANCES & FEATURES	87% λ = 0.060 W/m K 	95% RH ≈ 3.6 kg/m ²	ISO 4* ISO 14644-1 	30 YEAR system guarantee BIM READY																															
CUSTOM OPTIONS	 Dimensions																																		

* With Prelude grid.
[2020-02] All sizes are nominal. Product availability may vary.
Please contact us or visit www.knaufarmstrong.com for more information.

SANIGUARD



SANIGUARD

SANIGUARD fulfils all hygienic requirements for healthcare applications and does not contribute to the growth of MRSA. It combines smooth laminated finish and Class A sound absorption.

HEALTHCARE SANIGUARD









Key features

- Enhanced sound absorption: 0.95 α_w
- ISO 5
- Microbiological class M1 fulfilling the requirements of Zone 4 defined by NF S 90-351:2013

Application areas

Ideal for healthcare environments with average risk of infection.

EDGE DETAIL	BOARD	TEGULAR	MICROLOOK 90																											
THICKNESS (mm)	15	15	15																											
MODULE (mm)	600 x 6001600M 1200 x 6001601M	600 x 6001602M	600 x 6001603M																											
SUSPENSION SYSTEMS	Prelude 24 XL ² /TL ²	Prelude 24 XL ² /TL ²	Prelude 15 TL/XL ² Interlude HRC XL ²																											
COLOURS	 Global White																													
SUSTAINABILITY	   																													
	¹ Depends on edge detail and size of tile.																													
ACOUSTICS																														
	<table border="1"> <thead> <tr> <th rowspan="2">D_{ntw}</th> <th rowspan="2">α_w</th> <th rowspan="2">Class</th> <th rowspan="2">NRC</th> <th colspan="6">Hz α_p</th> </tr> <tr> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Board, Tegular, MicroLook 90</td> <td>25 dB</td> <td>0.95</td> <td>A</td> <td>0.90</td> <td>0.50</td> <td>0.80</td> <td>0.95</td> <td>0.85</td> <td>0.95</td> <td>1.00</td> </tr> </tbody> </table>			D _{ntw}	α_w	Class	NRC	Hz α_p						125	250	500	1000	2000	4000	Board, Tegular, MicroLook 90	25 dB	0.95	A	0.90	0.50	0.80	0.95	0.85	0.95	1.00
D _{ntw}	α_w	Class	NRC					Hz α_p																						
				125	250	500	1000	2000	4000																					
Board, Tegular, MicroLook 90	25 dB	0.95	A	0.90	0.50	0.80	0.95	0.85	0.95	1.00																				
FIRE REACTION																														
OTHER PERFORMANCES & FEATURES	<table border="0"> <tr> <td> 85%</td> <td> 95% RH</td> <td> ISO 5</td> <td rowspan="3"></td> </tr> <tr> <td> $\lambda = 0.036$ W/m K</td> <td> 2.4 kg/m²</td> <td> ISO 14644-1</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			85%	95% RH	ISO 5		$\lambda = 0.036$ W/m K	2.4 kg/m ²	ISO 14644-1																				
85%	95% RH	ISO 5																												
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[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PARAFON HYGIEN



PARAFON HYGIEN

PARAFON HYGIEN offers a winning balance of Class A sound absorption, washability and hygiene performances.

HEALTHCARE
Kitchen
PARAFON HYGIEN



Key features

- Suitable for high pressure water cleaning (max 80 bars)¹
- Excellent sound absorption: 0.95 α_w
- ISO 4

Application areas

Ideal for kitchen and healthcare areas.

EDGE DETAIL

BOARD



THICKNESS (mm)

19

MODULE (mm)

600 x 600 9702M
625 x 625 9702D
1200 x 600 9703M

SUSPENSION SYSTEMS

Prelude 24 XL²/TL²
Prelude 24 Corrosive Resistant
Clean Room 24

COLOURS



Global White

SUSTAINABILITY



20



A



E1

ACOUSTICS



EN ISO 354
& EN ISO 11654

	Hz α_p								
	α_w	Class	NRC	125	250	500	1000	2000	4000
Board	0.95	A	0.95	0.40	0.85	0.90	0.90	0.95	0.90

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



82%



95% RH



ISO 4



30 YEAR
system
guarantee



$\lambda = 0.033$ W/m K



1.3 kg/m²



ISO 14644-1



BIM
READY

CUSTOM OPTIONS



Dimensions

¹ The application must be in the form of a fan spray of min 30° angle and not a high pressure "cutting" jet. The suggested minimum distance between the nozzle and the ceiling tile should not be less than 300 mm and the angle of projection should be 45°. PARAFON HYGIEN should be installed with Knauf Armstrong Prelude 24 Corrosive Resistant grid and be clipped for high pressure water cleaning. Cleaning recommended twice a year.

CLEAN ROOM FL



CLEAN ROOM FL

CLEAN ROOM FL features a special polyester film facing providing excellent ISO clean room performance making it an ideal solution for clean room and computer environments, especially in combination with Knauf Armstrong CLEAN ROOM 24 grid system.

Key features

- ISO 5
- Does not attract dust
- Adapted to regular washing

Application areas

Ideal for computer rooms and clean room environments.

HEALTHCARE
Kitchen
CLEAN ROOM FL



EDGE DETAIL

BOARD



THICKNESS (mm)

15

MODULE (mm)

600 x 600 9527M
1200 x 600 9529M

SUSPENSION SYSTEMS

Prelude 24 XL²/TL²
Prelude 24 Corrosive Resistant
Clean Room 24

COLOURS



Global White

SUSTAINABILITY



EN ISO 14021
39



A+



EN 13964
E1

ACOUSTICS



EN 20140-9
& EN ISO 717-1



EN ISO 354
& EN ISO 11654

	Hz α_p									
	D _{ncw}	α_w	Class	NRC	125	250	500	1000	2000	4000
Board	36 dB	0.15	E	0.10	0.25	0.15	0.10	0.10	0.15	0.25

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES



78%



95% RH



ISO 5



30 YEAR
system
guarantee



$\lambda = 0.06$ W/m K



5.3 kg/m²



ISO 14644-1



BIM
READY

CUSTOM OPTIONS



Dimensions

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

HYDROBOARD



HYDROBOARD

HYDROBOARD can resist permanent RH up to 95% and temporary conditions of up to 100% RH. Install with Knauf Armstrong Prelude 24 Corrosive Resistant grid system for higher humidity areas.

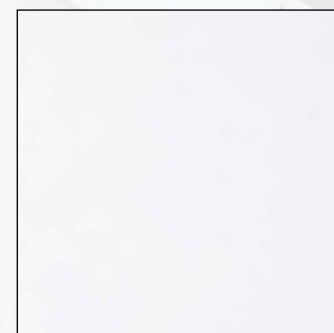
Key features

- Stable at humidity levels of up to 100% RH
- Can be installed in temperatures ranging from 0°C to 40°C
- High acoustic absorption up to 0.95 α_w

Application areas

Appropriate for toilets, shower areas and hydrotherapy rooms and should be installed on Corrosive Resistant grid.

HEALTHCARE
Hydrotherapy Room
HYDROBOARD



EDGE DETAIL	BOARD	TEGULAR 90	MICROLOOK 90
THICKNESS (mm)	15	15	15
MODULE (mm)	600 x 600 3687M 625 x 625 3687D 1200 x 600 3688M	600 x 600 3689M 1200 x 600 3690M	600 x 600 3691M 1200 x 600 3692M
SUSPENSION SYSTEMS	Prelude 24 Corrosive Resistant TL ²	Prelude 24 XL ² /TL ² Prelude 24 Corrosive Resistant Prelude 24 Sixty ² XL ² /TL ²	Prelude 15 TLXL ² Interlude HRC XL ² Silhouette 6mm XL ²
COLOURS			
SUSTAINABILITY			
ACOUSTICS			
			Hz α_p
			D_{nfw} α_w Class NRC 125 250 500 1000 2000 4000
Board	22 dB	0.95	A 0.90 0.35 0.80 1.00 0.85 1.00 1.00
Tegular 90, MicroLook 90	22 dB	0.90	A 0.85 0.40 0.75 0.85 0.85 0.95 0.95
FIRE REACTION			
OTHER PERFORMANCES & FEATURES			
CUSTOM OPTIONS			

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

CERAMAGUARD



CERAMAGUARD

With its unique high density mineral composition, CERAMAGUARD is steam resistant and will retain its physical integrity even when subjected to 100% RH. It also features a washable finish and is lightly fissured to provide acoustic performance.

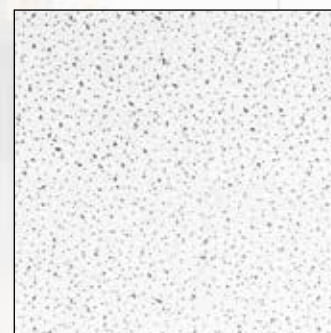
Key features

- 100% RH resistance
- Durable, washable and scrubbable
- Resistant to growth of mould, mildew and bacteria
- Good balance between sound attenuation & absorption

Application areas

Ideal for swimming pools, locker rooms, shower areas and indoor parking garages.

LEISURE
Cloakroom
CERAMAGUARD



EDGE DETAIL

BOARD



THICKNESS (mm)

15

MODULE (mm)

600 x 600 607M
1200 x 600 608M

SUSPENSION SYSTEMS

Prelude 24 XL²/TL²
Prelude 24 Corrosive Resistant¹
Clean Room 24

COLOURS



Global White

SUSTAINABILITY



37



A+



E1

ACOUSTICS



EN 20140-9
& EN ISO 717-1



EN ISO 354
& EN ISO 11654

Board	Hz α_p									
	D _{ncw}	α_w	Class	NRC	125	250	500	1000	2000	4000
Board	39 dB	0.55(MH)	D	0.60	0.25	0.30	0.50	0.80	0.85	0.75

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KMO (NG)
FZ 123

OTHER PERFORMANCES & FEATURES



79%



100% RH



$\lambda = 0.067$ W/m K



7.3 kg/m²
20 kg/m² if wet



EN 12667
& ISO 8301



30 YEAR
system
guarantee



BIM
READY



¹ CERAMAGUARD must be installed on Prelude 24 Corrosive Resistant grid where humidity regularly exceeds 95% RH. CERAMAGUARD may need to have Main Runners at 600 mm centres due to increased weight in high humidity conditions.



NEWTONE

NEWTONE is a hydrated calcium silicate ceiling tile offering 100% RH performance and is suitable for use in areas subject to extremes of humidity and temperature.

Key features

- 100% RH resistance
- Suitable for extreme temperatures and high humidity conditions
- Resistant to damage

Application areas

Ideal for spas and water parks.

LEISURE
Swimming Pool
NEWTONE



EDGE DETAIL

BOARD



THICKNESS (mm)

6

MODULE (mm)

600 x 600 1201M

SUSPENSION SYSTEMS

Prelude 24 XL²/TL²
Prelude 24 Corrosive Resistant¹
Clean Room 24

COLOURS



Global White

SUSTAINABILITY



30



A+



E1

ACOUSTICS



EN ISO 10848-2
& EN ISO 717-1



EN ISO 354
& EN ISO 11654

	D _{nfw}	α _w	Class	NRC	Hz α _p					
					125	250	500	1000	2000	4000
Board	37 dB	0.10(L)	-	0.10	0.25	0.15	0.10	0.10	0.10	0.05

FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KMO (NG)
FZ 123

OTHER PERFORMANCES & FEATURES



84%



100% RH



≈ 8.0 kg/m²



30 YEAR
system
guarantee



BIM
READY

CUSTOM OPTIONS



Dimensions

¹ In all environments where humidity conditions could regularly reach and/or exceed 90% RH we recommend the use of our Prelude 24 Corrosive Resistant grid and associated accessories.



SUSPENSION SYSTEM SOLUTIONS

Knauf Armstrong suspension systems include a full range of solutions and detailing for all ceiling suspension requirements. A full range of accessories is also available.

- GENERAL SOLUTIONS
- DESIGN SOLUTIONS
- SPECIFIC SOLUTIONS
- PRIMARY GRID SYSTEMS
- METAL & MESH SUSPENSION SOLUTIONS
- FLOATING SUSPENSION SOLUTIONS
- CORRIDOR SOLUTIONS
- AXIOM SOLUTIONS

GENERAL SOLUTIONS

A range of standard exposed grid suspensions systems including Prelude 15, Prelude 24, Prelude 24 Sixty² for longer spans, Prelude 35 and Bandraster.

▲ PEAKFORM

Most profiles in the Prelude range of grids feature the innovative Peakform design which is taller and engineered to create stronger, more stable suspension systems. The Peakform shape makes Main Runners and Cross Tees quicker and easier to cut.

■ PRELUDE UNIVERSAL MAIN RUNNER

The Prelude Universal Main Runner supports the installation of either TL² or TL hook/butt cut Cross Tees or XL² stab/override Cross Tees from one simple inventory of Main Runners.

■ XL² CROSS TEES – “Click” installation

Prelude XL² Cross Tees feature an advanced stab system that locates with an audible click, ensuring a solid installation at all times.

■ TL² CROSS TEES – “Hook” installation

TL² is a highly engineered staked-on hook solution with a patented clip.

■ TL CROSS TEES – “Hook” installation

Prelude TL Cross Tees in 15mm width feature an advanced an integrally formed hook nose.

DESIGN SOLUTIONS

Knauf Armstrong's designer grid range features two key products: Silhouette XL² & Interlude HRC XL².



Silhouette XL² is designed to create a crisp, clean look in conjunction with Knauf Armstrong MicroLook 90, MicroLook BE and Metal MicroLook 8 tiles to provide an enhanced aesthetic.

The channel profile finishes flush with the ceiling surface leaving a minimalist 3mm or 6mm reveal.



Interlude HRC XL² is a unique double reveal solution developed to allow flexibility of layout for creative ceiling solutions and provide a clean sophisticated appearance with any Knauf Armstrong MicroLook tile.

SPECIFIC SOLUTIONS

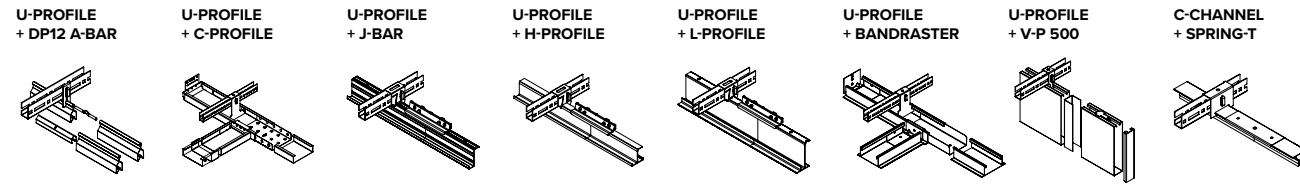


Our extensive range of performance grids offers specific solutions for more demanding applications from clean rooms to seismic installations.

- **Clean Room 24** is an aluminium construction with an unique co-extruded flexible PVC gasket to create a better seal between tile and grid for clean room applications and “non-magnetic” environments.
- **Prelude 24 Corrosive Resistant** has a special paint finish and is designed for areas requiring enhanced corrosion resistance.
- **System Z** is a system providing an accessible semi-concealed appearance with ship-lap SL2 planks.
- **Seismic Rx[®]** is a specific installation method for Prelude 24 grid with XL² Cross Tees combined with specialist accessories. Seismic testing has been also conducted on U-Profile + J-Bar and U-Profile + DP12 A-Bar systems.
- **Longspan** is a primary grid system designed to span between roof purlins that are too far apart for standard Main Runners, or between walls when there are no or limited suspension points.

METAL & MESH SUSPENSION SOLUTIONS

A range of suspensions systems specifically for metal ceilings built around the U-Profile primary grid with a wide selection of secondary carriers. The U-Profile is pre-punched for fast layout and installation with purpose designed hangers, brackets and accessories all fastened using the plug-in clip.



FLOATING SUSPENSION SOLUTIONS



- Whilst some canopy products just require simple adjustable wires fixed directly to the back of the product, others are more detailed.
- Metal D-H 700 and Metal D-Clip systems offer a configurable metal solution allowing designers flexibility to create bespoke ceiling rafts.

SOLUTIONS FOR CORRIDORS

- There are multiple options for corridors to suit all material types – from System Z with SL2 planks to metal solutions such as Metal F-Clip Access and Metal F-H 600 to the innovative DGS Shortspan grid for plasterboard corridors.



AXIOM SOLUTIONS

- Axiom Transitions, Profiles and Blind Boxes compliment the traditional range of perimeter angle trims. Create changes in level, perimeter lighting features or transition to a flush plasterboard perimeter.



PRODUCT SELECTOR BY EDGE DETAIL COMPATIBILITY


	AXIOM Transitions / Profiles	Silhouette - 3mm XL ²	Silhouette - 6mm XL ²	Interlude HRC - XL ²	Prelude 15 - TL	Prelude 15 - XL ²	Prelude 24 - XL ²	Prelude 24 - TL ²	Prelude 24 Sixty ² - XL ²	Prelude 35 - XL ²	Clean Room 24	Prelude 24 CR	Bandraster	U-Profile + Bandraster	System Z	Prelude 24 Main Runner	C-Channel + Spring-T	U-Profile + Spring-T	U-Profile + DP12 A-Bar	U-Profile + C-Profile	U-Profile + J-Bar	U-Profile + H-Profile	U-Profile + L-Profile	U-Profile	Crossing Box + C-Profile	Wall Bracket + G-Profile	Wall Bracket + J-Bar	Wall Bracket + Half DP12 A-Bar		
MINERAL LAY-IN																														
Board																														
Tegular																														
MicroLook 90																														
MicroLook BE																														
MicroLook																														
Vector																														
Finesse																														
SL2																														
WOOD LAY-IN																														
Wood Board																														
Wood Tegular 8																														
Wood MicroLook 8																														
Wood Vector																														
Wood SL2																														
Wood Channelled																														
METAL LAY-IN / MESH-LAY-IN																														
Metal Board																														
Mesh Board																														
Metal Tegular 2																														
Metal Tegular 8, 11 F or 16																														
Metal MicroLook 8 / Mesh MicroLook 8																														
Metal MicroLook 16																														
Metal Axal Vector																														
Metal Cellio																														
Metal B-L 302 / Mesh B-L 302																														
Metal R-L 201 / Mesh R-L 201																														
METAL CLIP-IN																														
Metal Q-Clip, Q-Clip F																														
Metal R-Clip, R-Clip F / Mesh R-Clip																														
Metal S-Clip F																														
Metal T-Clip F																														
Metal D-Clip																														
Metal F-Clip Access / Mesh F-Clip																														
METAL HOOK-ON / MESH HOOK-ON																														
Metal R-H 200 / Mesh R-H 200																														
Metal R-H 215 / Mesh R-H 215																														
Metal B-H 300 / Mesh B-H 300																														
Metal K-H 400 / Mesh K-H 400																														
Metal D-H 700																														
Metal F-H 600 / Mesh F-H 600																														
METAL BAFFLES																														
V-P 500																														
STANDARD COLOURS																														
	GLOBAL WHITE	SILVER GREY RAL 9006	BLACK	WHITE RAL9010	GLOBAL WHITE	BRASS	CHROME	WHITE RAL9010	GALVANISED	BLACK/WHITE																				
Prelude 24																														
Prelude 15																														
Silhouette 6mm - XL ²																														
Silhouette 3mm - XL ²																														
Interlude HRC - XL ²																														
Bandraster																														
Prelude 35 & Prelude 35 Sixty ² - XL ²																														
Prelude 24 Sixty ²																														
Prelude 24 Corrosive Resistant																														
Clean Room 24																														
Axiom System																														
C-Profile / L-Profile / G-Profile / Crossing Box																														
	Steel based capping										Other than steel based																			

Choice of more than 180 custom colours upon request. Available for Prelude 15 and Prelude 24 and specific perimeter trims. **Special colours:** Knauf Armstrong offer all RAL and NCS colours for your custom solutions.

PRELUDE 15 TL

Exposed 15 mm grid system

Key features

- Peakform : patented design for strength, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Rotary stitched: strength and extra stability

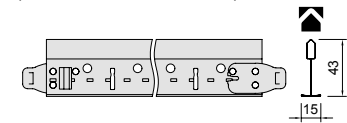
Application areas

Healthcare / Classrooms / Meeting rooms / Individual offices

Physical data

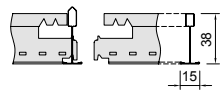
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

PRELUDE 15 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)



Item Nr.	Dimensions (mm)				Standard colours					
	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	Brass	Chrome
31 40 33 A	3600	15	43	100	●	●	●	●	●	●
30 41 33 B	3750	15	43	156.5	●	●	●	●	●	●
30 43 33 B	3375	15	43	337.5	●					

PRELUDE 15 - TL CROSS TEES (hook system, butt cut)




Cross Tees slotted										
10 34 33 B	1800	15	38	300	●					
10 36 33A	1500	15	38	300	●					
10 33 33	1350	15	38	337.5	●					
10 31 33 B	1250	15	38	312.5	●	●	●	●	●	●
10 30 33 A	1200	15	38	300	●	●	●	●	●	●
Cross Tees unslotted										
10 23 33	675	15	38	-	●					
10 21 33 B	625	15	38	-	●	●	●	●	●	●
10 20 33 A	600	15	38	-	●	●	●	●	●	●
10 25 33	312.50	15	38	-	●					
10 24 33 A	300	15	38	-	●					
10 12 32	150	15	38	-	●					

PRELUDE 15 XL²

Exposed 15 mm grid system

Key features

- Peakform : patented design for strength, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Rotary stitched: strength and extra stability

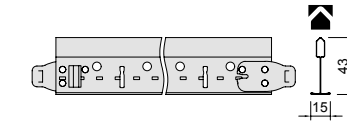
Application areas

Healthcare / Classrooms / Meeting rooms / Individual offices

Physical data

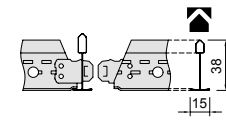
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

PRELUDE 15 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)



Item Nr.	Dimensions (mm)				Standard colours					
	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	Brass	Chrome
31 40 33 A	3600	15	43	100	●	●	●	●	●	●
30 41 33 B	3750	15	43	156.5	●	●	●	●	●	●
30 43 33 B	3375	15	43	337.5	●					

PRELUDE 15 - XL² PEAKFORM CROSS TEES (stab system, override)



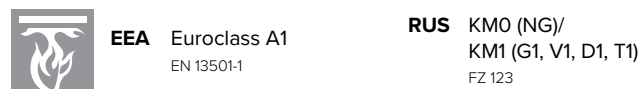
Cross Tees slotted										
30 30 33 B	1200	15	38	300	●	●	●	●	●	●
30 31 33 A	1250	15	38	312.5	●	●	●	●	●	●
30 32 33	1000	15	38	250	●	●				
30 30 32	1200	15	38	1	●					
30 36 32	1500	15	38	2	●					
30 34 32	1800	15	38	300	●					
30 09 32	2400	15	38	300	●					
Cross Tees unslotted										
30 20 33 B	600	15	38	-	●	●	●	●	●	●
30 21 33 A	325	15	38	-	●	●	●	●	●	●
30 22 33	500	15	38	-	●	●				
30 05 32	550	15	38	-	●					
A 30 12 33	150	15	38	-	●					
A 30 04 33	100	15	38	-	●					

¹ Slots at: 300, 550, 600, 650, 900 mm
² Slots at: 150, 500, 750, 1000, 1350 mm

SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS

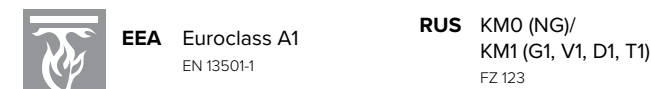


[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SUSTAINABILITY



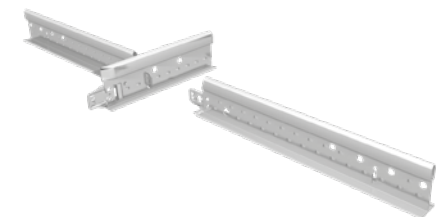
FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS




[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PRELUDE 24 TL²

Exposed 24 mm grid system

Key features

- Peakform : patented design for strength, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Unique steel based TL² clip for strength, fire performance and better alignment
- Rotary stitched: strength and extra stability

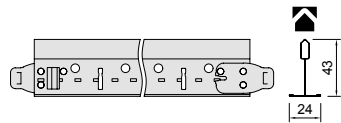
Application areas

Healthcare / Classrooms / Meeting rooms / Individual offices

Physical data

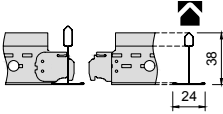
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

PRELUDE 24 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)



Item Nr.	Dimensions (mm)				Standard colours					
	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	Brass	Chrome
31 40 32 A	3600	24	43	100	●	●	●	●	●	●
31 41 33 B	3750	24	43	156.5	●	●	●	●	●	●
31 43 33 B	3375	24	43	337.5	●	●	●	●	●	●
31 42 32	3000	24	43	100	●	●	●	●	●	●

PRELUDE 24 - TL² CROSS TEES (hook system, butt cut)



Cross Tees slotted										
08 30 31	1200	24	38	300	●	●	●	●	●	●
08 31 31	1250	24	38	312.5	●	●	●	●	●	●
08 33 31	1350	24	38	337.5	●	●	●	●	●	●
08 34 32	1800	24	38	300	●	●	●	●	●	●
08 36 32	1500	24	38	1	●	●	●	●	●	●
08 10 32	1875	24	38	312.5	●	●	●	●	●	●
08 50 32	1724	24	38	300	●	●	●	●	●	●


¹ Slots at: 150, 500, 750, 1000, 1350 mm

Cross Tees unslotted										
08 20 31	600	24	38	-	●	●	●	●	●	●
08 21 31	625	24	38	-	●	●	●	●	●	●
08 23 31	675	24	38	-	●	●	●	●	●	●
08 18 32	900	24	38	-	●	●	●	●	●	●
08 24 32 C	300	24	38	-	●	●	●	●	●	●
08 25 32 C	312.5	24	38	-	●	●	●	●	●	●

PRELUDE 24 XL²

Exposed 24 mm grid system

Key features

- Peakform : patented design for strength, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Rotary stitched: strength and extra stability

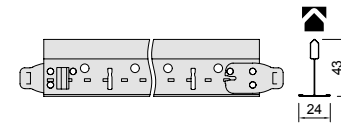
Application areas

Healthcare / Classrooms / Meeting rooms / Individual offices

Physical data

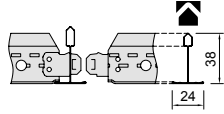
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

PRELUDE 24 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)



Item Nr.	Dimensions (mm)				Standard colours					
	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	Brass	Chrome
31 40 32 A	3600	24	43	100	●	●	●	●	●	●
31 41 33 B	3750	24	43	156.5	●	●	●	●	●	●
31 43 33 B	3375	24	43	337.5	●	●	●	●	●	●
31 42 32	3000	24	43	100	●	●	●	●	●	●

PRELUDE 24 - XL² CROSS TEES (stab system, override)



Cross Tees slotted										
31 31 51 B	1250	24	38	312.5	●	●	●	●	●	●
31 30 51 B	1200	24	38	300	●	●	●	●	●	●
31 32 31	1000	24	38	250	●	●	●	●	●	●
31 33 31	1350	24	38	337.5	●	●	●	●	●	●
31 34 31 A	1800	24	38	300	●	●	●	●	●	●
31 36 32	1500	24	38	1	●	●	●	●	●	●

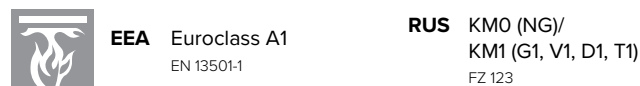
¹ Slots at: 150, 500, 750, 1000, 1350 mm

Cross Tees unslotted										
31 25 32	312.5	24	38	-	●	●	●	●	●	●
31 24 32	300	24	38	-	●	●	●	●	●	●
31 23 21	675	24	30	-	●	●	●	●	●	●
31 21 23 A	625	24	30	-	●	●	●	●	●	●
31 20 21 A	600	24	30	-	●	●	●	●	●	●
31 22 21	500	24	30	-	●	●	●	●	●	●

SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS

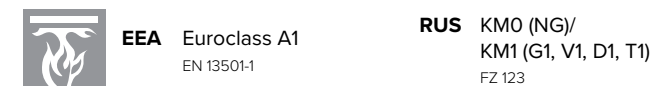


[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SUSTAINABILITY



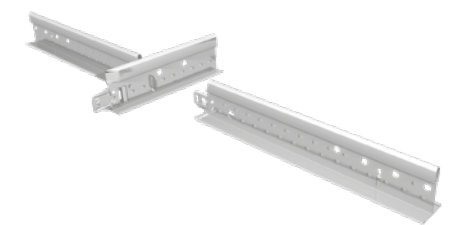
FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS




[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PRELUDE 24 SIXTY²

Taller exposed 24 mm grid system for longer spanning capability

Key features

- Double Peakform : patented design for longer spans, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Compatible with Prelude 24 Sixty² XL² Cross Tees and Prelude 24 TL² & XL² Cross Tees
- Rotary stitched: strength and extra stability

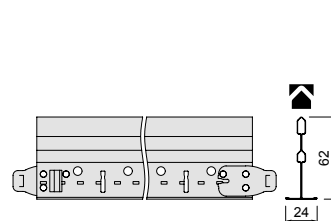
Application areas

Circulation areas / Buildings with limited suspension points

Physical data

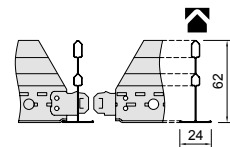
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White, other standard colours available on popular items

PRELUDE 24 SIXTY² - UNIVERSAL DOUBLE PEAKFORM MAIN RUNNER WITH SUPERLOCK CLIP (bulb-to-bulb connection)



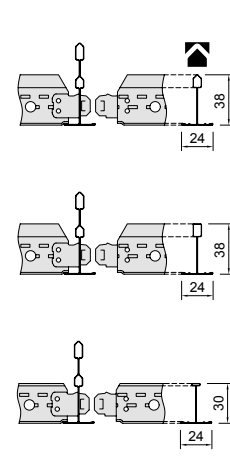
Item Nr.	Dimensions (mm)				Standard colours			
	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black
40 40 93 G	3600	24	62	300	●	●	●	●
40 41 93 G	3750	24	62	312.5	●	●	●	●
40 43 93 G	3375	24	62	337.5	●	●	●	●

PRELUDE 24 SIXTY² - CROSS TEES (stab system, override)



Cross Tees slotted at 300mm									
Item Nr.	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	
40 09 93	2400	24	62	300	●	●	●	●	
40 34 93	1800	24	62	300	●	●	●	●	

PRELUDE 24 - XL² CROSS TEES (stab system, override)



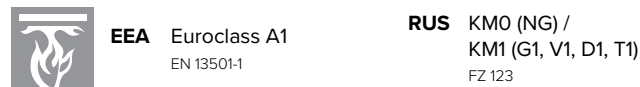
Cross Tees slotted									
Item Nr.	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	
31 33 31	1350	24	38	312.5	●	●	●	●	
31 31 51 B	1250	24	38	312.5	●	●	●	●	
31 30 51B	1200	24	38	300	●	●	●	●	
31 32 31	1000	24	38	250	●	●	●	●	
31 36 32	1500	24	38	-	●	●	●	●	
31 34 31 A	1800	24	38	300	●	●	●	●	
Cross Tees unslotted									
31 16 32	750	24	38	-	●	●	●	●	
31 25 32	312.5	24	38	-	●	●	●	●	
31 24 32	300	24	30	-	●	●	●	●	
31 23 21	675	24	30	-	●	●	●	●	
31 21 23 A	625	24	30	-	●	●	●	●	
31 20 21 A	600	24	30	-	●	●	●	●	
31 22 21	500	24	30	-	●	●	●	●	

¹ Slots at: 150, 500, 750, 1000, 1350 mm

SUSTAINABILITY



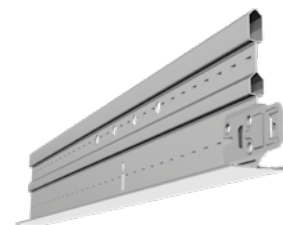
FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS




[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PRELUDE 24 SIXTY² CORRIDOR

Taller exposed 24 mm grid system for longer spanning capability

Key features

- Double Peakform : patented design for longer spans, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Compatible with Prelude 24 Sixty² XL² Cross Tees and Prelude 24 TL² & XL² Cross Tees
- Rotary stitched: strength and extra stability

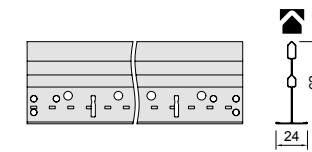
Application areas

Circulation areas / Buildings with limited suspension points

Physical data

- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White, other standard colours available on popular items

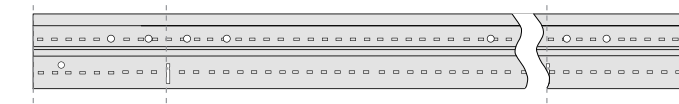
PRELUDE 24 SIXTY² - UNIVERSAL DOUBLE PEAKFORM MAIN RUNNER WITH SUPERLOCK CLIP (bulb-to-bulb connection)



The Prelude 24 Sixty² butt cut system is designed for use in corridor applications, with or without Cross Tees, and where spans do not exceed 3750 mm. For a wider configuration, the Main Runner is compatible with the Prelude 24 TL² and XL² Cross Tees.

Special length and modulation made to order, with and without slots, please contact your local Knauf Armstrong Technical Sales team.

PRELUDE 24 SIXTY² butt cut



Length	min. 150	min. 300 x number of required slots	min. 150
min. 600 - max. 3750			

Double Peakform Main runner section requiring less suspension points and compatible with Prelude 24 XL² and TL² Cross tees

ACCESSORIES

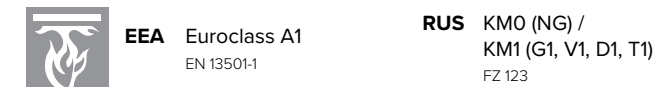


Item Nr.	Description	Dimensions (mm)	
		length	height
A WDN 23 G	Double bent tee bar hanger	57	36
A 401 G	Top Connector Clip accessory for Prelude Sixty ² (Included in the carton)	-	-

SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

BANDRASTER

Exposed grid system available in a range of different widths for tile or plank installations

Key features

- Unslotted Bandraster for mineral SL2 plank installation or Metal B-L 302 system
- Slotted Bandraster for ceiling installation using standard Prelude 24 Cross Tees (or custom Prelude 15 TL Cross Tees)
- Special slot spacing possible (minimum 100 mm spacing)
- Tartan layouts easily constructed using cross connectors

Application areas

Open plan office / Individual offices

Physical data

- Material: galvanised steel
- Surface finish: baked polyester paint
- Standard colours: Global White & RAL 9010
- Other colours available upon request

BANDRASTER SYSTEMS

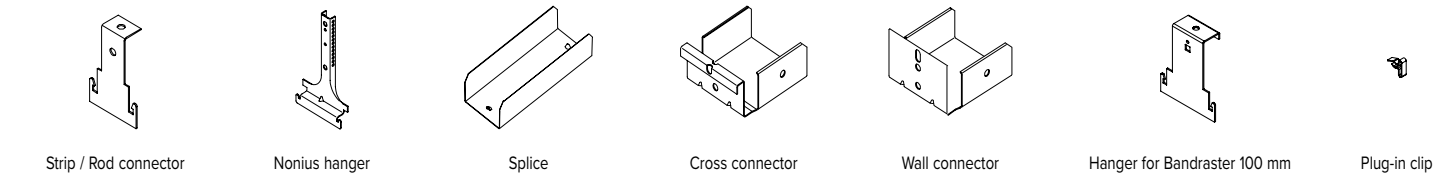
Item Nr.	Dimensions (mm)				Standard colours	
	length	width	height	slot centres	Global white	White RAL 9010
Slotted¹						
36 30 50	3600	50	36	100	●	●
36 30 75	3600	75	36	100	●	●
36 31 00	3600	100	36	100	●	●
36 31 25	3600	125	36	100	●	●
36 31 50	3600	150	36	100	●	●
36 21 00 B	3750	100	36	312.5	●	●
Unslotted²						
36 00 50 A	3600	50	36	-	●	●
36 00 75 A	3600	75	36	-	●	●
36 01 00 A	3600	100	36	-	●	●
36 01 25 A	3600	125	36	-	●	●
36 01 50	3600	150	36	-	●	●
M215540*	3600	100	36	-	●	●

¹When 100 mm slot centres - is compatible with all plank edge details whether Cross Tees are required or not.

²Is compatible only with plank edge details when no visible Cross Tees span between Bandraster sections.

*Post painted in RAL 9010 as standard. Other colours available upon request.

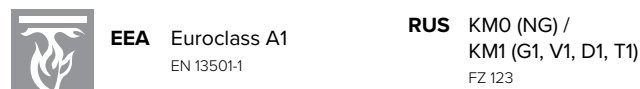
ACCESSORIES



SUSTAINABILITY



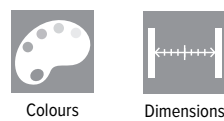
FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SYSTEM Z PRELUDE 24 / CORRIDOR

Components for concealed / semi-concealed tile or plank systems

Key features

- Z-Bar or Prelude 24 Butt Cut for a monolithic visual in corridor installations
- Installed with Prelude 24 or Bandraster (see Bandraster page) for semi-concealed appearance in room installations
- Accessible system with SL2 planks
- L-bar for Finesse installations

Application areas

Retail outlets / Industrial manufacturing / Circulation areas

Physical data

- Material: galvanised steel
- Surface finish: galvanised / Baked polyester paint
- Colour: n/a (Z-Bar) / Global White (Prelude 24 Butt Cut)

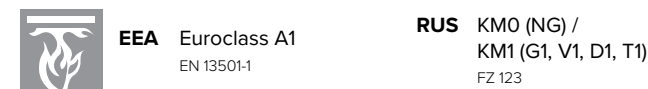
BANDRASTER SYSTEMS

Item Nr.	Description	Dimensions (mm)			Standard colours	
		length	width	height	Global white	Galvanised
CZ 41 494 J	Z-Bar 30.5 mm	1500	19	30.5	●	●
CZ 41 794 J	Z-Bar 30.5 mm	1800	19	30.5	●	●
CZ 41 795 J	Z-Bar 66.5 mm	2500	19	66.5	●	●
Z-Bars special lengths available : Z-Bar 30.5 mm from 500 mm up to 1800 mm and Z-Bar 66.5 mm from 1801 mm to 2500 mm.						
CB 31 36 32	Prelude 24 Butt Cut	1500	24	38	●	●
CB 31 34 32	Prelude 24 Butt Cut	1800	24	38	●	●
C 180 L 600	Spacer Bar	600			●	●
C 180 L 625	Spacer Bar	625			●	●
C 180 L 1200	Spacer Bar	1200			●	●
C 180 L 1250	Spacer Bar	1250			●	●
C 180 L 1500	Spacer Bar	1500			●	●
C 180 L 1800	Spacer Bar	1800			●	●
Spacer bar lengths for different distances between main runners or Bandrasters are available on request, with min. 300 mm - max 2500 mm length.						
CT 700	L-bar for Finesse	600			●	●

SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS




[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SILHOUETTE 3 mm - XL²

Exposed 15 mm grid system with channel feature and pre-mitred intersections

Key features

- 3 mm reveal for a more monolithic appearance with Metal MicroLook 8 tiles
- Peakform : patented design for strength, stability and easier to cut
- Rotary stitched: strength and extra stability

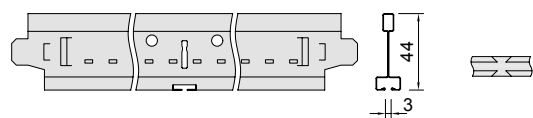
Application areas

Reception areas / Open plan office / Individual offices

Physical data

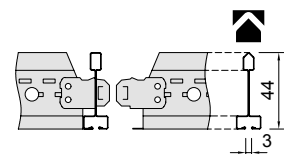
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: available in RAL 9010



SILHOUETTE 3 mm - MAIN RUNNER Global White (by-pass connection)



Item Nr.	Dimensions length (mm)	height (mm)	Content pcs	Carton lm	Weight / Carton kg	Cartons / Pallet
81 40 42 WRG	3600	44	20	72.00	24.50	36

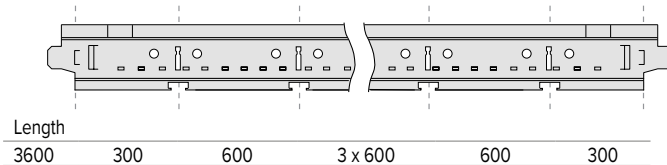
SILHOUETTE 3 mm - XL² PEAKFORM CROSS TEES RAL 9010 (stab system)



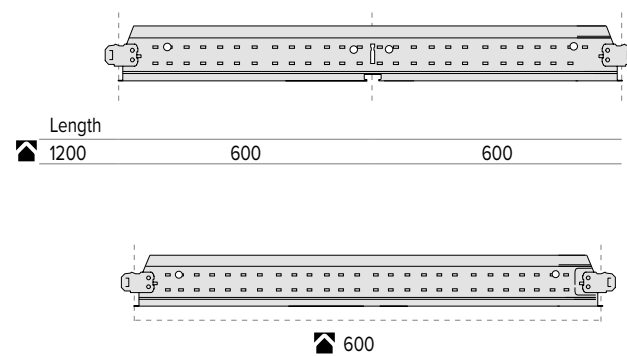
 81 30 42 WRG	1200	44	60	72.00	24.50	35
 81 20 42 WRG	600	44	60	36.00	12.70	70

SECTION DRAWINGS

Silhouette 3 mm - Main Runners



Silhouette 3 mm - XL² Cross Tees




SILHOUETTE 3 mm - XL²

SILHOUETTE 3 mm - XL²

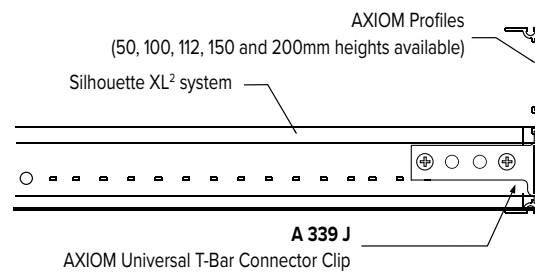
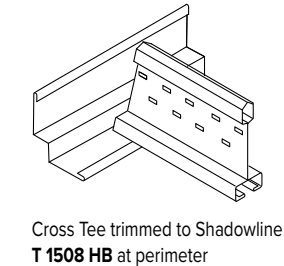
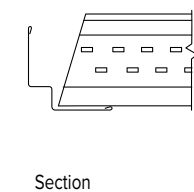
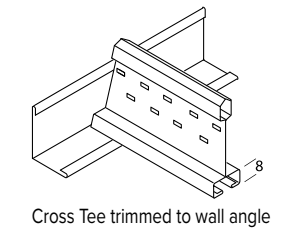
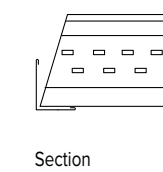
- Pre-mitred intersections
- Silhouette XL² with 3 mm reveal is supplied as standard in RAL 9010 to compliment Knauf Armstrong metal tiles

 Notched Main Runners and Cross Tees

 Unnotched Cross Tees

 View of mitred intersection from beneath

Perimeter Solutions

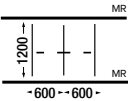
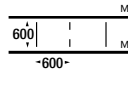


GRID LOAD CAPACITY

SILHOUETTE 3 mm - XL² System

The following table gives the maximum permitted hanger distance (mm) along the Silhouette 3 mm Main Runner (81 40 42 WRG) for the tile weights and Main Runner spacings noted.

- Values in the above table conform to Class 1 as defined in EN 13964:2014 table 6. For other classes/deflection limits please contact your local Knauf Armstrong Technical Sales team.
- Values are applicable for 600 x 600 mm tiles assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted.
- No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustic, fire or thermal performance, are permitted unless their full weight is established and included, together with the weight of the tile, within the appropriate weight groups.



Silhouette 3 mm Main Runner - 81 40 42 WRG		
Main Runner centres (mm)	1200	600
Cross Tee(s)	81 30 42 WRG 81 20 42 WRG	81 20 42 WRG
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)	
2.5 kg/m ²	1700	2000
3.0 kg/m ²	1600	2000
3.5 kg/m ²	1550	1900
4.0 kg/m ²	1500	1850
5.0 kg/m ²	1400	1750
5.5 kg/m ²	1350	1700
6.0 kg/m ²	1300	1650
7.0 kg/m ²	1250	1550
8.5 kg/m ²	1150	1500
10.5 kg/m ²	1100	1400
13.0 kg/m ²	1050	1300



SILHOUETTE 6 mm - XL²

Exposed 15 mm grid system with channel feature and pre-mitred intersections

Key features

- 6 mm reveal for a more monolithic appearance with MicroLook 90 mineral and wood tiles
- Unnotched  1200/1350 mm Cross Tees for large tiles design
- Peakform : patented design for strength, stability and easier to cut
- Rotary stitched: strength and extra stability




Application areas

Reception areas / Open plan office / Individual offices


Physical data

- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: available in Global White or Global White with black reveal










SILHOUETTE 6 mm - MAIN RUNNER Global White (by-pass connection)

Item Nr.	Dimensions		Content / Carton pcs	Weight / Carton kg	Cartons / Pallet
	length (mm)	height (mm)			
 87 40 82	3600	45	20	72.00	40
 87 39 82	3125	45	20	62.50	40
 87 44 82	2700	45	20	54.00	40





SILHOUETTE 6 mm - MAIN RUNNER Global White with black reveal (by-pass connection)

 87 40 82 BI	3600	45	20	72.00	22.40	40
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SILHOUETTE 6 mm - XL² PEAKFORM CROSS TEES Global White (stab system)

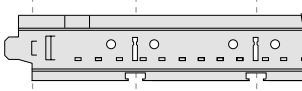
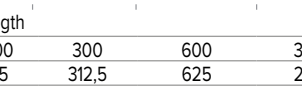
 87 30 82	1200	45	60	72.00	22.10	35
 87 71 82	1200	45	60	72.00	22.10	35
 87 31 82	1250	45	60	75.00	23.00	35
 87 33 82	1350	45	20	27.00	8.30	40
 87 73 82	1350	45	20	27.00	8.30	40
 87 20 82	600	45	60	36.00	11.10	70
 87 21 82	625	45	60	37.50	11.60	70
 87 23 82	675	45	60	40.50	12.50	70
 87 24 82	300	45	120	36.00	11.10	70

SILHOUETTE 6 mm - XL² PEAKFORM CROSS TEES Global White with black reveal (stab system)

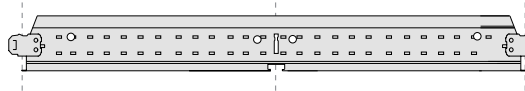
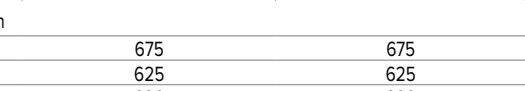
 87 30 82 BI	1200	45	60	72.00	22.10	35
 87 71 82 BI	1200	45	60	72.00	22.10	35
 87 20 82 BI	600	45	60	36.00	11.10	70
 87 24 82 BI	300	45	120	36.00	11.10	70


SECTION DRAWINGS

Silhouette 6 mm - Main Runners

Length	3600	3125	2700	300	600	600
	3600	3125	2700	300	600	600
	3600	3125	2700	300	600	600

Silhouette 6 mm - XL² Cross Tees


Length	1350	1250	1200	675	625	600
	1350	1250	1200	675	625	600
	1350	1250	1200	675	625	600


 1350 / 1200 / 675 / 625 / 600 / 300

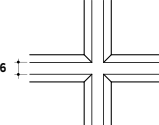
SILHOUETTE 6 mm - XL²

SILHOUETTE 6 mm - XL²

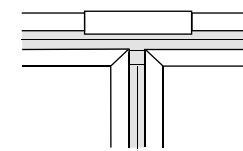
- Pre-mitred intersections
- Choice of either pre-mitred and un-mitred 1200/1350mm Cross Tees
- Silhouette XL² with 6 mm reveal is supplied as standard in Global White and in Global White with black reveal, to compliment Knauf Armstrong mineral tiles

 Notched Main Runners and Cross Tees, with or without black reveal

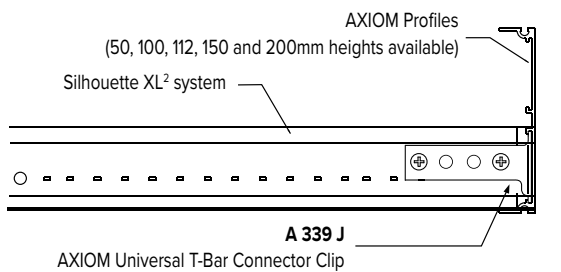
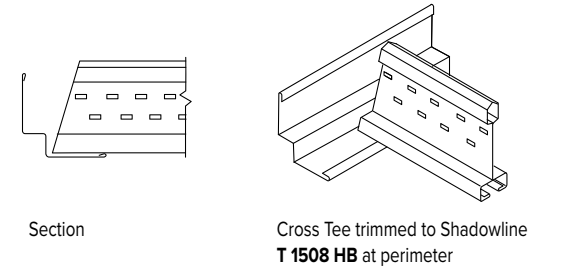
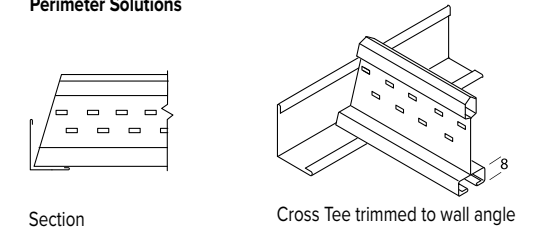
 Unnotched Cross Tees, with or without black reveal

 View of mitred intersection from beneath

 **MCC4 G**
Mitre closure clip



Perimeter Solutions

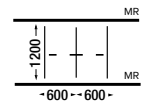
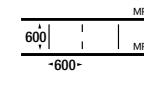


GRID LOAD CAPACITY

SILHOUETTE 6 mm - XL² System

The following table gives the maximum permitted hanger distance (mm) along the Silhouette 6mm Main Runner (87 40 82) for the tile weights and Main Runner spacings noted.

- Values in the above table conform to Class 1 as defined in EN 13964:2014 table 6. For other classes/deflection limits please contact your local Knauf Armstrong Technical Sales team.
- Values are applicable for 600 x 600 mm tiles assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted.
- No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustic, fire or thermal performance, are permitted unless their full weight is established and included, together with the weight of the tile, within the appropriate weight groups.

Silhouette 6 mm Main Runner - 87 40 82		
Main Runner centres (mm)	1200	600
Cross Tee(s)	87 30 82 87 20 82	87 20 82
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)	
2.5 kg/m ²	1700	2000
3.0 kg/m ²	1600	2000
3.5 kg/m ²	1550	1900
4.0 kg/m ²	1500	1850
5.0 kg/m ²	1400	1750
5.5 kg/m ²	1350	1700
6.0 kg/m ²	1300	1650
7.0 kg/m ²	1250	1550
8.5 kg/m ²	1150	1500
10.5 kg/m ²	1100	1400
13.0 kg/m ²	1050	1300



INTERLUDE HRC - XL²

Exposed 15 mm grid system with double reveal feature

Key features

- Unmitred intersections for flexibility of Cross Tee positioning to create staggered layouts
- Double reveal feature perfect for installation with MicroLook 90 mineral tiles
- Rotary stitched: strength and extra stability

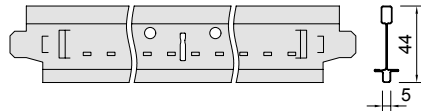
Application areas

Reception areas / Open plan office / Individual offices

Physical data

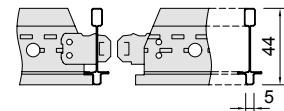
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: Global White

INTERLUDE HRC - MAIN RUNNER (by-pass connection)



Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	Carton lm	Weight / Carton kg	Cartons / Pallet
61 40 42 H	3600	44	20	72.00	24.70	12

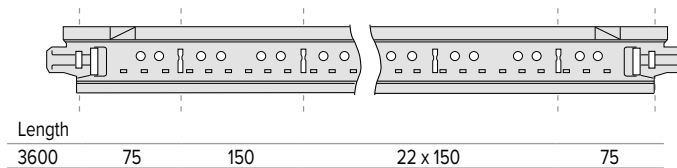
INTERLUDE HRC - XL² CROSS TEES (stab system)



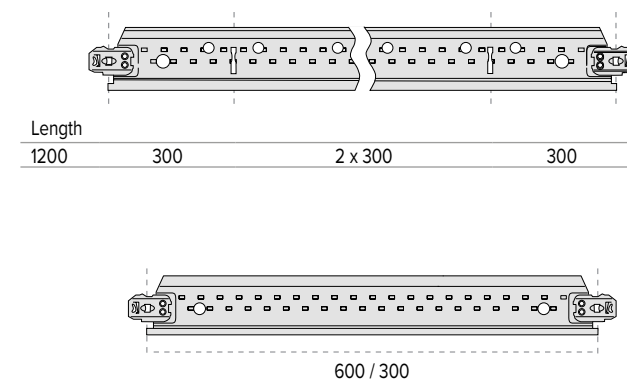
Cross Tees slotted						
61 30 42 G	1200	44	60	72.00	23.20	35
Cross Tees unslotted						
61 20 42 G	600	44	60	36.00	11.60	70
61 24 42 H	300	44	120	36.00	12.00	70

SECTION DRAWINGS

INTERLUDE HRC - Main Runner



INTERLUDE HRC - XL² Cross Tees

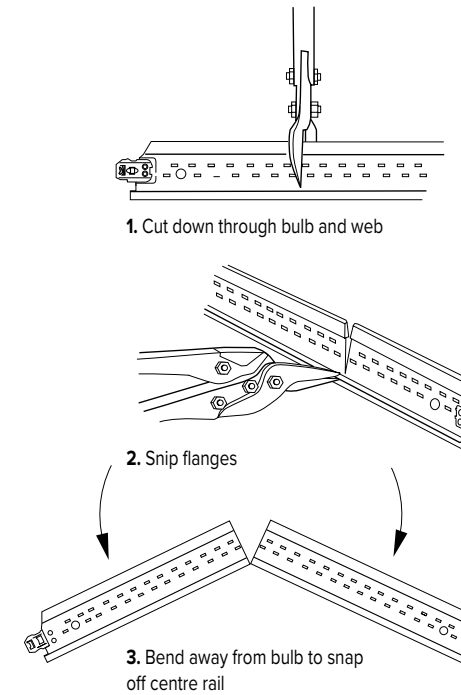


INTERLUDE HRC - XL²

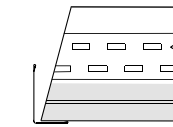
INTERLUDE HRC - XL²

- The stepped flange profile provides a unique double reveal visual
- Unmitred intersections allow for Cross Tee installation at any Main Runner slot position

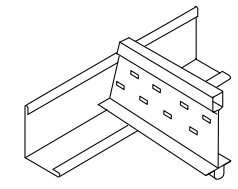
INTERLUDE HRC - XL² can be easily field cut with snips in 3 simple steps:



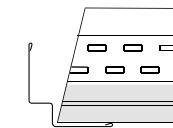
Perimeter Solutions



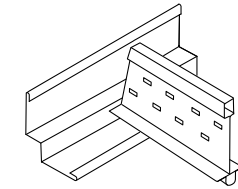
Section



Cross Tee trimmed to wall angle

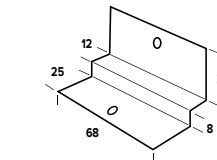


Section



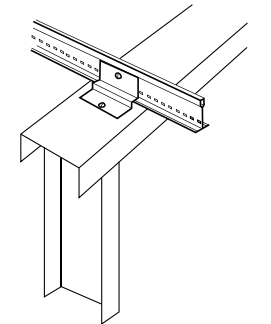
Cross Tee trimmed to shadowline
T 1508 HB

Partition Head Fixing



UPC AG

Universal partition clip attaches to grid to provide fixing for partition head track: reversible for 15 mm or 24 mm grid systems



GRID LOAD CAPACITY

INTERLUDE HRC - XL² System

The following table gives the maximum permitted hanger distance (mm) along the Interlude Main Runner (61 40 42 H) for the tile weights and Main Runner spacings noted.

- Values in the above table conform to Class 1 as defined in EN 13964:2014 table 6. For other classes / deflection limits please contact your local Knauf Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2014 clause 5.
- Values are applicable for 600 x 600 mm tiles assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted.
- No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustic, fire or thermal performance, are permitted unless their full weight is established and included, together with the weight of the tile, within the appropriate weight groups.

	Interlude Main Runner - 61 40 42 H	
	1200	600
Main Runner centres (mm)	1200	600
Cross Tee(s)	61 30 42 G 61 20 42 G	61 20 42 G
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)	
2.5 kg/m ²	1950	2000
3.0 kg/m ²	1850	2000
3.5 kg/m ²	1750	2000
4.0 kg/m ²	1750	2000
5.0 kg/m ²	1650	2000
5.5 kg/m ²	1600	2000
6.0 kg/m ²	1550	1950
7.0 kg/m ²	1450	1850
8.5 kg/m ²	1350	1750
10.5 kg/m ²	1250	1650
13.0 kg/m ²	1100	1550



PRELUDE 24 CORROSIVE RESISTANT

Exposed 24 mm grid system for higher humidity environments

Key features

- Special paint finish and coated Cross Tee clips for enhanced corrosion resistance
- 700 hours salt spray test (EN ISO 9227)
- Durability Class C (EN 13964)

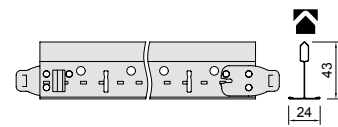
Application areas

Higher humidity areas

Physical data

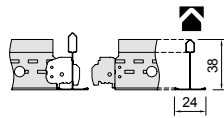
- Material: galvanised steel with additional protective treatment
- Surface finish: baked polyester paint
- Colour: Global White

PRELUDE 24 CORROSIVE RESISTANT - UNIVERSAL PEAKFORM MAIN RUNNER AND SUPERLOCK CLIP (bulb-to-bulb connection)



Item Nr.	Dimensions (mm)				Standard colours
	length	width	height	slot centres	
28 40 42	3600	24	43	100	Global white
28 41 41	3750	24	43	156.25	Global white

PRELUDE 24 CORROSIVE RESISTANT - TLX CROSS TEES (Hook system, butt cut)



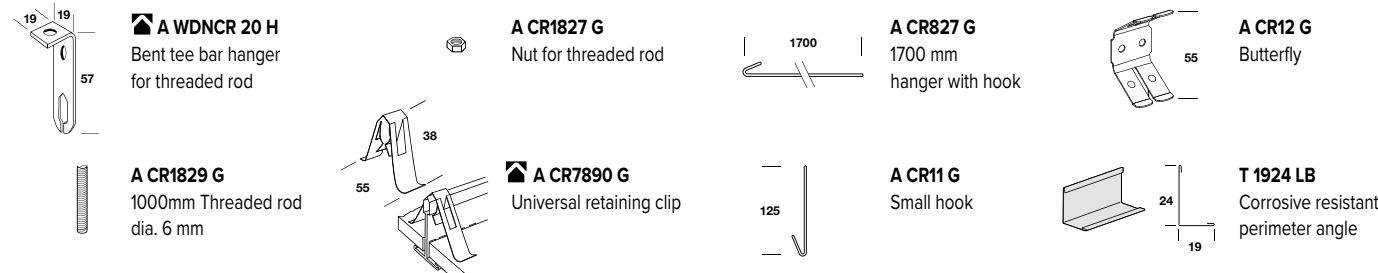
Item Nr.	Dimensions (mm)				Standard colours
	length	width	height	slot centres	
14 31 32	1250	24	30	312.5	Global white
14 30 32	1200	24	38	300	Global white
14 20 32	600	24	38	-	Global white
14 21 32	325	24	38	-	Global white

PERIMETER SOLUTION



Item Nr.	Description	Dimensions (mm)		Standard colours
		length	height	
T 1924 LB	Corrosive resistant perimeter angle	3050	24	Global white

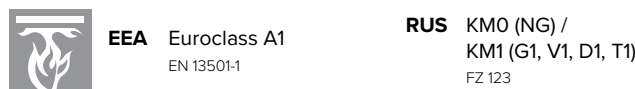
ACCESSORIES



SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



CLEAN ROOM 24 XL²

Exposed 24mm co-extruded grid system for clean rooms and non-magnetic areas

Key features

- Aluminium construction: non-magnetic system with high corrosion resistance
- Co-extruded gasket: better seal between tile and grid
- Class 3 performance as per ISO standard 14644-1
- Durability Class B (EN 13964)

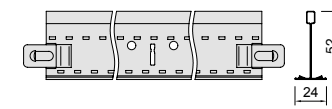
Application areas

Healthcare, Hi-tech manufacturing

Physical data

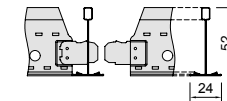
- Material: aluminium with co-extruded flexible PVC gasket
- Surface finish: aluminium capping with baked polyester paint
- Colour: Global White

CLEAN ROOM 24 - MAIN RUNNER (bulb-to-bulb connection)



Item Nr.	Dimensions (mm)				Standard colours
	length	width	height	slot centres	
EA 794044 C	3600	24	52	300	Global white

CLEAN ROOM 24 - CROSS TEES (stab system, butt cut)



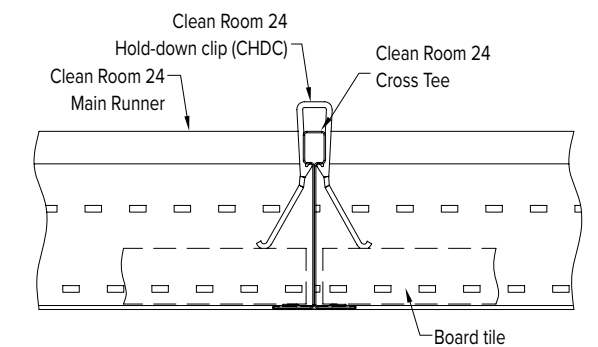
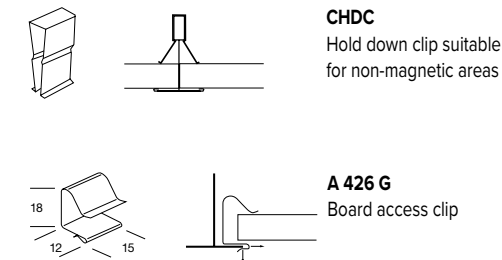
EA 793044 C	1200	24	52	300	Global white
EA 792044 C	600	24	52	300	Global white

PERIMETER SOLUTION



EA 7812 C	3660	22	22	-	Global white
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ACCESSORIES



SUSTAINABILITY



FIRE REACTION




OTHER PERFORMANCES & FEATURES



PRELUDE 35 & PRELUDE 35 SIXTY² XL²

Exposed 35 mm grid systems

Key features

- Peakform / Double Peakform  patented design for strength / longer spans, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Double bent tee bar hanger for stability / improved loadbearing performance in corridors
- Rotary stitched: strength and extra stability

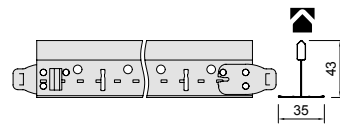
Application areas


Retail outlets / Industrial manufacturing / Circulation areas

Physical data

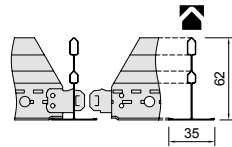
- Material: galvanised steel
- Surface finish: baked polyester paint / galvanised
- Colour: available in Global White, Black, galvanised



PRELUDE 35 - PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)



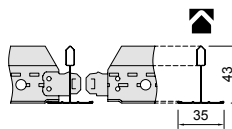
Item Nr.	Dimensions (mm)				Standard colours		
	length	width	height	slot centres	Global white	Silver RAL 9006	Black
 24 40 42	3600	35	43	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>






PRELUDE 35 SIXTY² - DOUBLE PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)



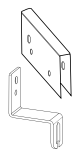
 24 48 93	3500	35	62	500	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 24 40 93	3600	35	62	300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


PRELUDE 35 - XL² PEAKFORM CROSS TEES (stab system, override)



 24 06 42	1990	35	43	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 24 34 42	1800	35	43	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 24 36 42	1500	35	43	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 24 30 42	1200	35	43	600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 24 20 42	600	35	43	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ACCESSORIES



Item Nr.	Description	Dimensions (mm)	
		length	height
A 401 G	Top Connector Clip accessory for Prelude Sixty ² (Included in the carton)	-	-
 A WDN 23 G	Double bent tee bar hanger	57	36

SUSTAINABILITY



FIRE REACTION



EEA Euroclass A1
EN 13501-1

RUS KM0 (NG) /
KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



Colours

Dimensions

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

SEISMIC RX[®]

Exposed 24 mm grid system with specialist installation accessories and detailing

Key features

- Independently tested system to withstand the forces from significant seismic activity or other severe events
- Standard grid sections: Prelude 24 Peakform Main Runner and Prelude 24 XL² Cross Tees
- Special accessories: quicker, more cost effective seismic installations
- Solutions for moderate hazard and high/very high hazard areas

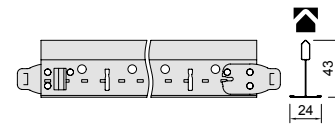
Application areas



Seismic areas, nuclear, military or high risk sites

Physical data

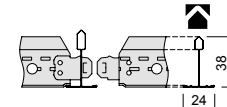
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: Global White
- Other standard colours available



PRELUDE 24 - UNIVERSAL PEAKFORM MAIN RUNNERS AND SUPERLOCK CLIP (bulb-to-bulb connection)

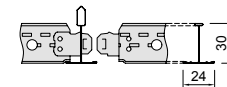


Item Nr.	Dimensions (mm)				Standard colours					
	length	width	height	slot centres	Global white	White RAL 9010	Silver RAL 9006	Black	Brass	Chrome
 31 40 32 A	3600	24	43	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 31 41 33 B	3750	24	43	156.25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PRELUDE 24 - XL² CROSS TEES (stab system, override)

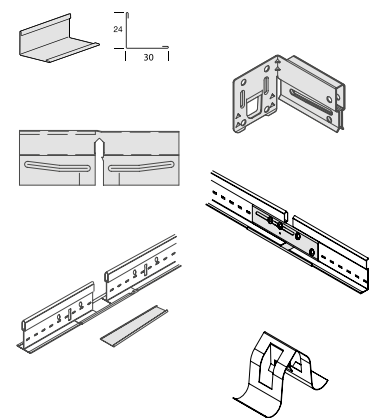


Cross Tees slotted										
 31 30 51 B	1200	24	38	300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 31 31 51 B	1250	24	38	312.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Cross Tees unslotted										
31 20 21 A	600	24	30	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31 21 23 A	625	24	30	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERIMETER ANGLE AND ACCESSORIES



Item Nr.	Description	Dimensions (mm) height
T 3024 HA	Perimeter angle. painted (Global White)	3000
BERC2	Main Runner end retaining clip	50
SJCG	Seismic joint clip XL ² Cross Tee (24 mm)	-
SJMR15	Seismic joint clip Peakform Main Runner (24 mm)	-
ES 4	Expansion sleeve (24 mm)	100
442 A	Vector Seismic clip	-

SUSTAINABILITY



FIRE REACTION



EEA Euroclass A1
EN 13501-1

RUS KM0 (NG)/
KM1 (G1, V1, D1, T1)
FZ 123

OTHER PERFORMANCES & FEATURES



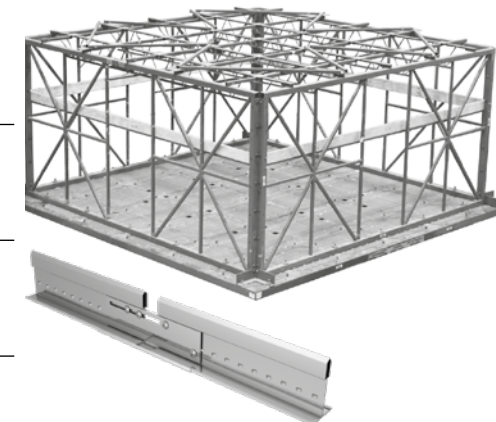
CUSTOM OPTIONS



Colours

Dimensions

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.



LONGSPAN

Primary grid system

Key features

- Create a primary framework underneath beams or between walls
- Install a suspended ceiling below, using fewer suspension points to the structure

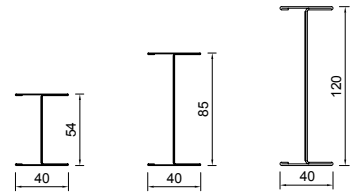
Application areas

Industrial / Transport / Buildings with limited suspension points

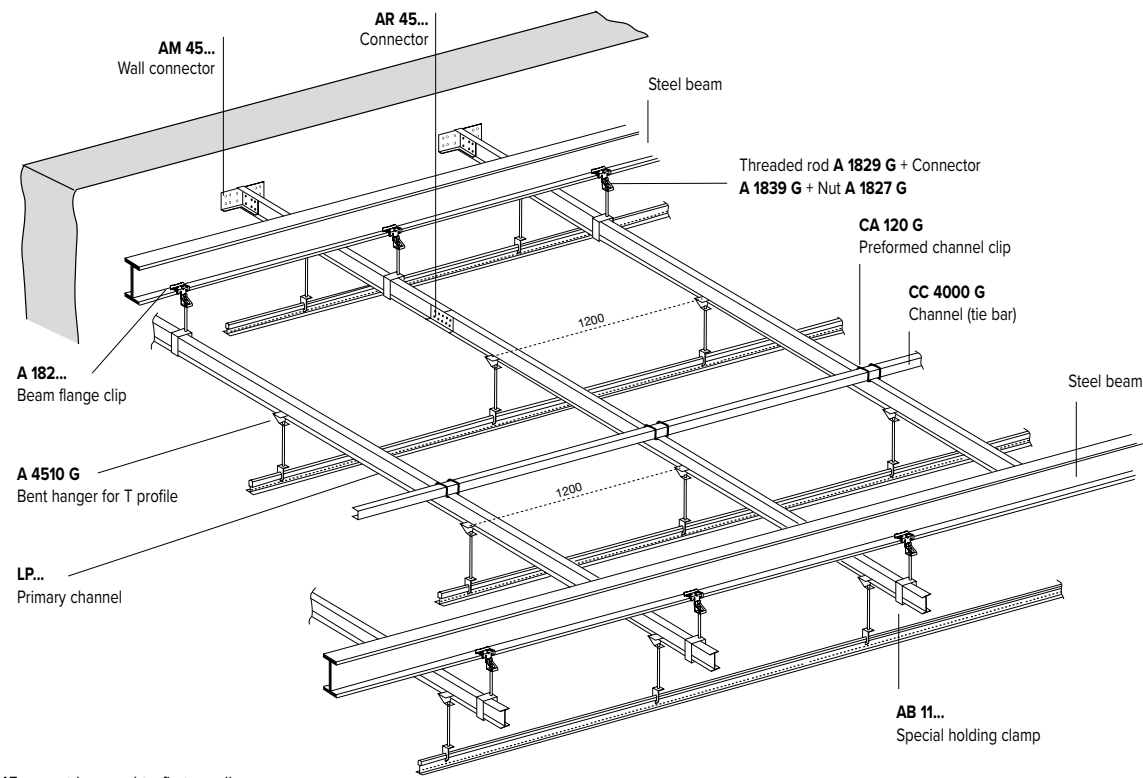
Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

PRIMARY CHANNELS



Item Nr.	Dimensions (mm)		
	length	width	height
LP 546 G	5000	40	54
LP 856 G	5000	40	85
LP 120 G	6500	40	120



Note:

- Two wall connectors AM 45... must be used to fix to walls.
- Two connectors AR 45... must be used when connecting two lengths of Primary Channel together.
- Two preformed channel clips CA 120 G must be installed on the opposites sides of the Primary channel

For full system details, please see the Suspension Systems brochure.

SUSTAINABILITY



FIRE REACTION



EEA Euroclass A1
EN 13501-1

RUS KMO (NG)
FZ 123



U-PROFILE SYSTEM

Primary suspension system for modular metal ceiling systems

Key features

- Unique plug-in clip for quick and accurate installation
- Compatible with multiple suspension profiles or used independently for Metal D-H 700 and Metal V-P 500 systems
- Full range of accessories to support multiple suspension profiles - uniform suspension depth for standard systems

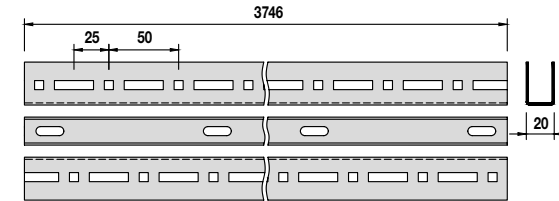
Application areas

All areas

Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

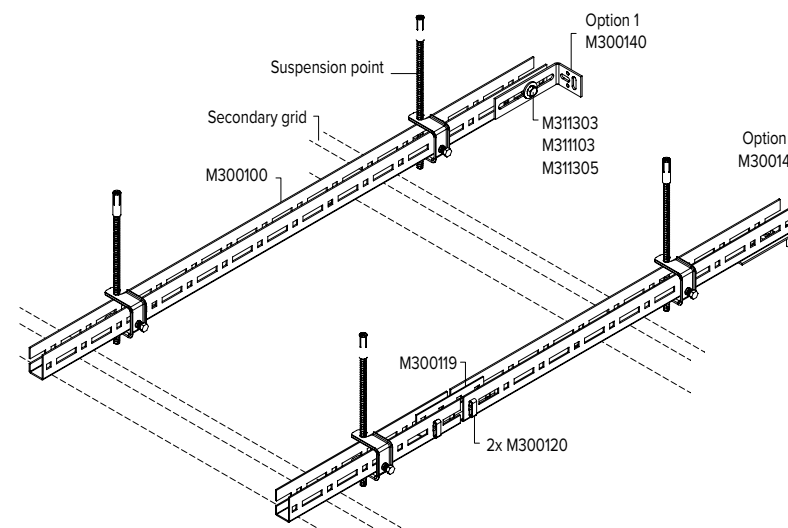
U-PROFILE



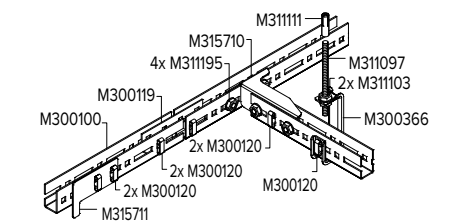
Item Nr.	Dimensions (mm)			Slot centres
	length	width	height	
M300100	3746	20	30	25 / 50

For a module length of 3750 mm.

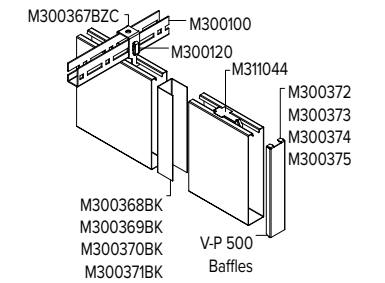
SYSTEM DRAWINGS



METAL D-H 700, MESH D-H 700 MT



METAL V-P 500



For full system details, please see the Suspension Systems brochure.

SUSTAINABILITY



FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

RUS KMO (NG)
FZ 123

OTHER PERFORMANCES & FEATURES

30 YEAR
system
guarantee



C-CHANNEL + SPRING-T

C-Channel is primary suspension system for modular metal ceiling systems

Key features

- Typically used with C-Channel System for suspension of Metal T-Clip and Metal T-Clip F ceilings
- Alternative options are direct suspension or to use the U-Profile System
- Security clip for secure installations

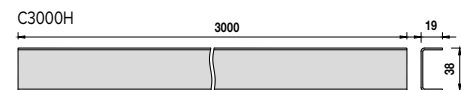
Application areas

Offices / Kitchens / Toilets

Physical data

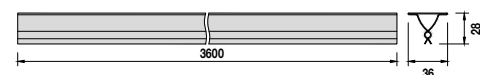
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

C-CHANNEL



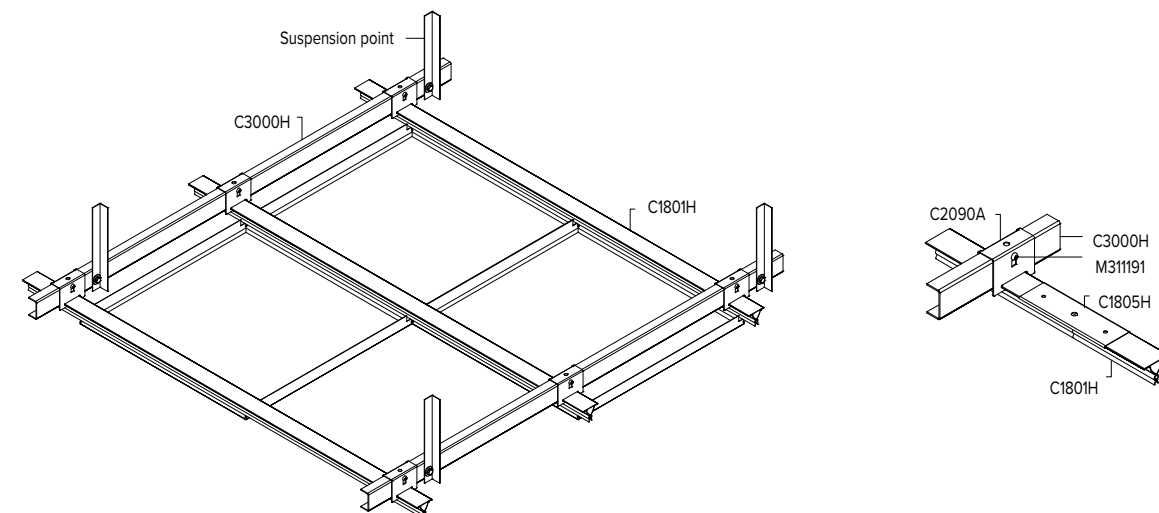
Item Nr.	Description	Dimensions (mm)		
		length	width	height
C3000H	C Channel 19 x 38 mm	4000	19	38

SPRING-T



Item Nr.	Description	Dimensions (mm)		
		length	width	height
C1801H		3000	36	28

SYSTEM DRAWING WITH C-CHANNEL¹



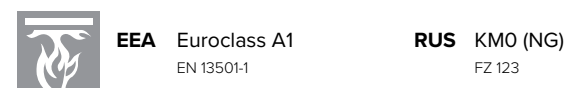
¹Half Spring-T C1802G also available for C-Channel System.

For full system details, please see the Suspension Systems brochure.

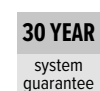
SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

U-PROFILE + DP12 A-BAR

Suspension profile for Metal Q-Clip, Metal Q-Clip F, Metal S-Clip F, Metal R-Clip, Metal R-Clip F, Metal K-Clip, Metal D-Clip, Mesh F-Clip, Mesh R-Clip metal ceiling systems

Key features

- Brackets for swing-down functionality
- Security clip for secure installations

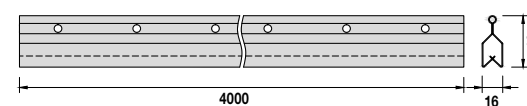
Application areas

Offices / Clean rooms / Seismic applications / Exterior ceilings

Physical data

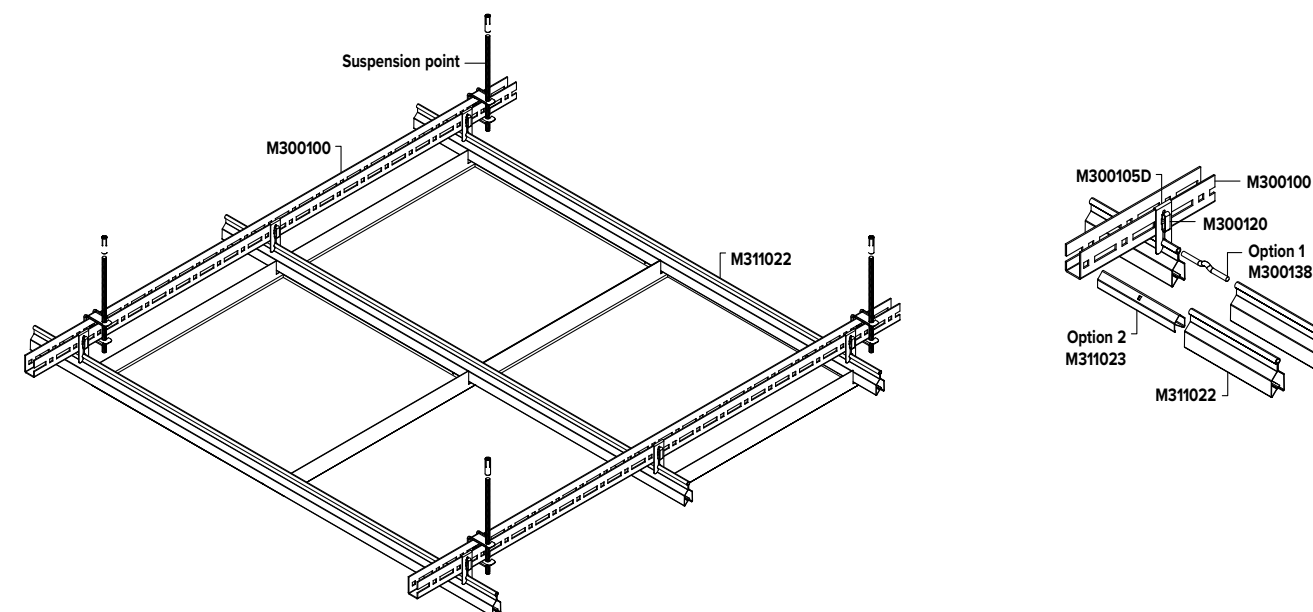
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

DP12 A-BAR



Item Nr.	Dimensions (mm)		
	length	width	height
M311022	4000	16	40

SYSTEM DRAWING

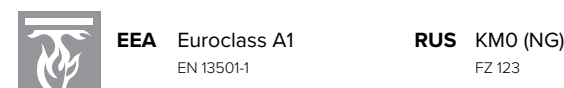


For full system details, please see the Suspension Systems brochure.

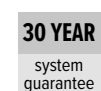
SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

U-PROFILE + J-BAR

Concealed grid profile for installation with Metal R-H 200, Mesh R-H 200, Mesh R-H 200 MT system

Key features

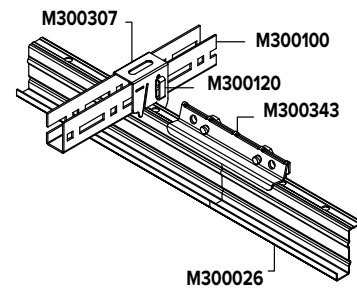
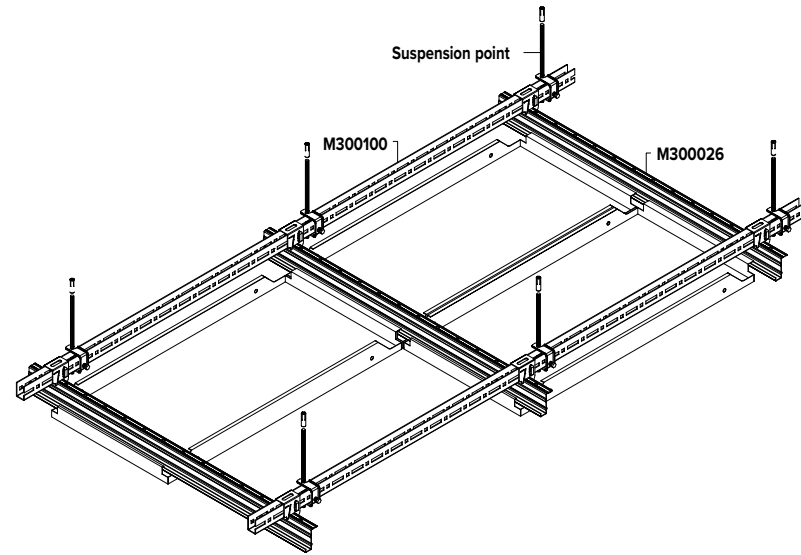
- Alternative independent suspension options
- Security bracket for secure installations

Application areas

Retail / Open plan offices / Laboratories / Transport / Impact Resistance

Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a



Item Nr.	Description
M300100	U-Profile
M300026	J-Bar

U-PROFILE + H-PROFILE

Concealed grid profiles for installation with Metal R-H 215, Mesh R-H 215, Mesh R-H 215 MT system

Key features

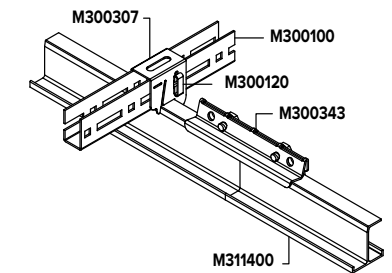
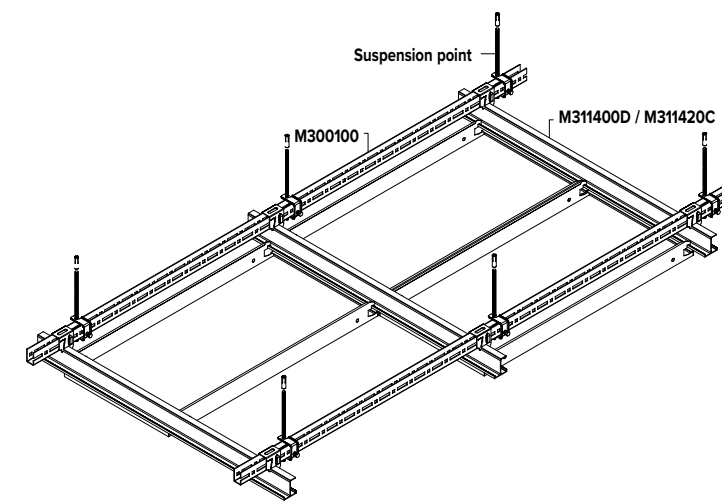
- Alternative independent suspension options
- Security bracket for secure installations (for Metal ceilings only)

Application areas

Retail / Open plan offices / Laboratories / Transport

Physical data

- Material: aluminium
- Colour: n/a



Item Nr.	Description
M300100	U-Profile
M311400	H-Profile 35 mm

U-PROFILE + C-PROFILE

Exposed grid profile in a range of different widths for installation with Metal B-H 300, Mesh B-H 300, Mesh B-H 300 MT system

Key features

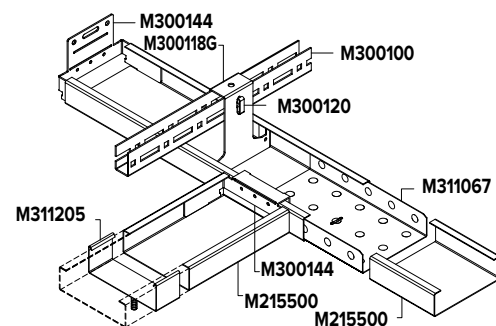
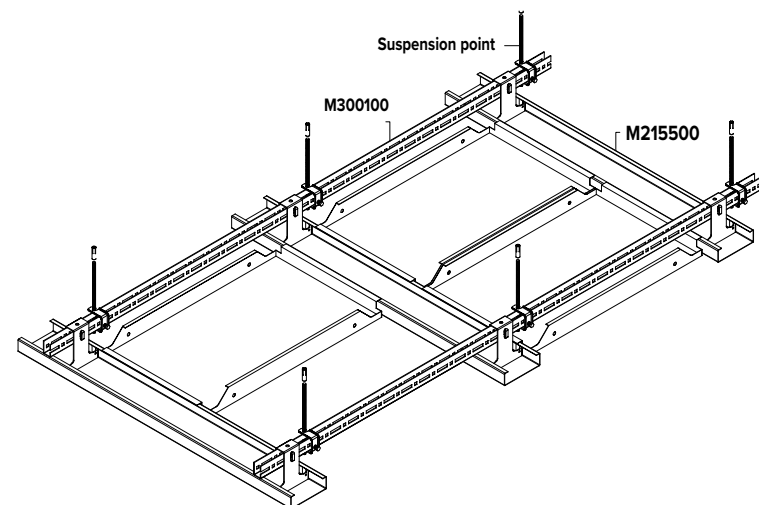
- Alternative independent suspension options
- Special C-Profile widths 50 - 300 mm available upon request

Application areas

Retail / Open plan offices / Laboratories / Transport

Physical data

- Material: galvanised steel
- C-Profile surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request



Item Nr.	Description
M300100	U-Profile
M215500	C-Profile

C-PROFILE + CROSSING BOX

Exposed 100mm grid profile for installation with Metal K-H 400, Mesh K-H 400, Mesh K-H 400 MT system

Key features

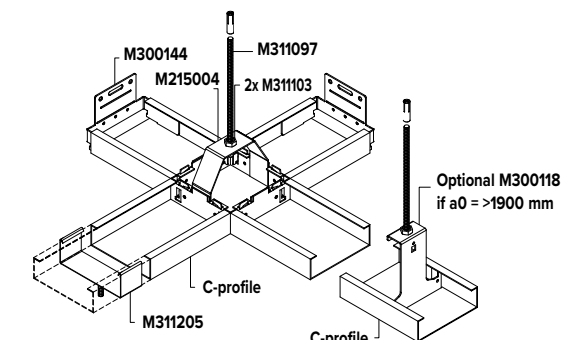
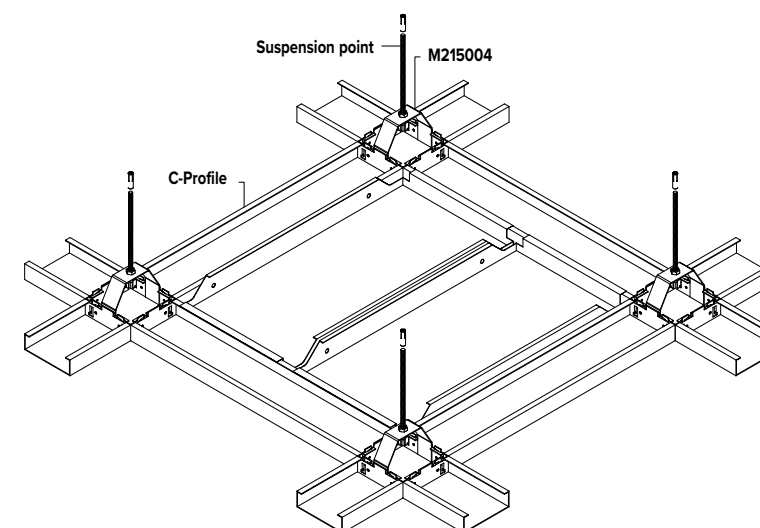
- Tartan grid layout
- Independent suspension using crossing boxes
- Special Crossing Box and C-Profile widths 70 - 300 mm available upon request

Application areas

Retail / Open plan offices / Laboratories / Transport

Physical data

- Material: galvanised steel
- Crossing Box + C-Profile surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request



Item Nr.	Description
M215004	Crossing box
Special	C-Profile

U-PROFILE + L-PROFILE

Exposed 38 mm grid profile for installation with Metal R-L 201, Mesh R-L 201, Mesh R-L 201 MT system

Key features

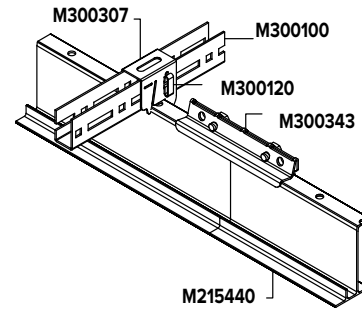
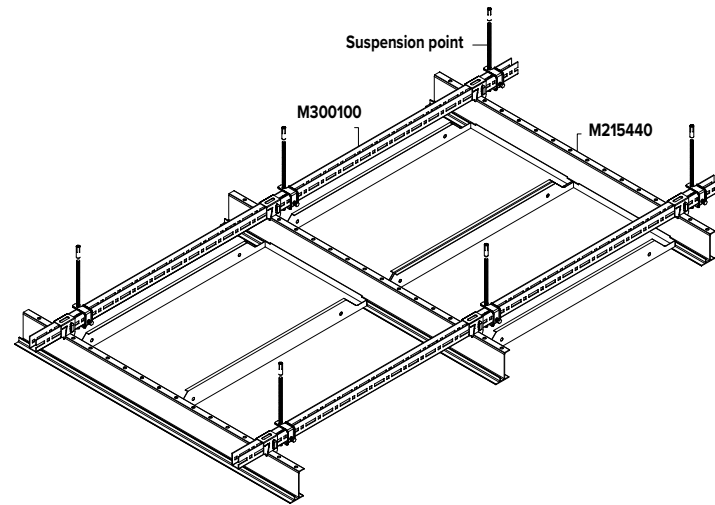
- Alternative independent suspension options
- Providing a slim Bandraster effect

Application areas

Offices

Physical data

- Material: aluminium
- L-Profile surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request



Item Nr.	Description
M300100	U-Profile
M215440	L-Profile

WALL BRACKET + DP12 A-BAR

Concealed grid profiles for installation with Metal F-Clip Access, Mesh F-Clip system

Key features

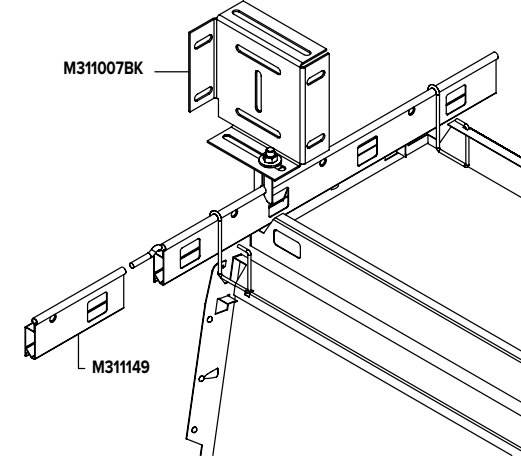
- Fixed by wall bracket to wall
- Open shadow gap to wall, optional perimeter trim below the wall bracket
- Security clip for secure installations

Application areas

Corridor ceilings

Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Custom colours available upon request



Item Nr.	Description
M311149	Half DP12 A-Bar
M311007BK	Wall bracket (black e-coated)

WALL BRACKET + J-BAR

Concealed grid profiles for installation with Metal F-Clip Access, Mesh F-Clip system

Key features

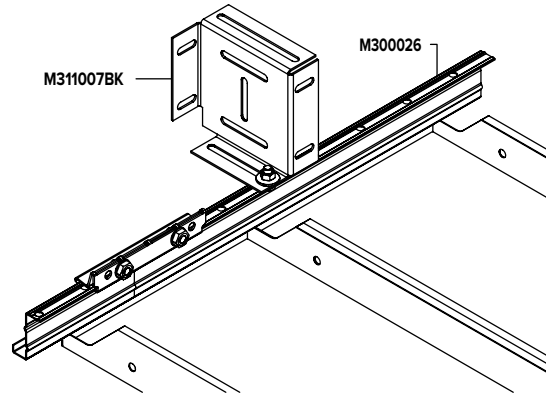
- Fixed by wall bracket to wall
- Open shadow gap to wall, optional perimeter trim below the wall bracket
- Security clip for secure installations

Application areas

Corridor ceilings

Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Custom colours available upon request



Item Nr.	Description
M300026	J-Bar
M311007BK	Wall bracket (black e-coated)

WALL BRACKET + G-PROFILE

Concealed grid profiles for installation with Metal F-H 600 Swing system

Key features

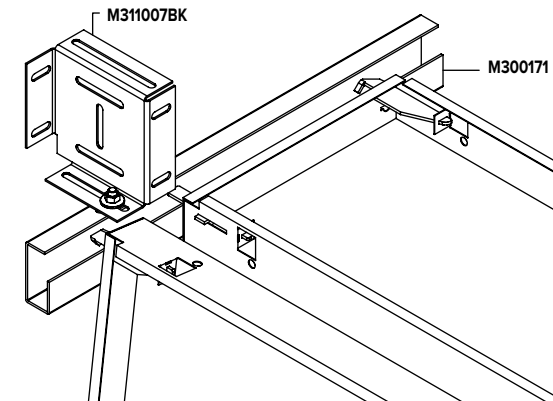
- Fixed by wall bracket to wall
- Swing-down option available
- Open shadow gap to wall, optional perimeter trim below the wall bracket

Application areas

Corridor ceilings

Physical data

- Material: galvanised steel
- G-Profile surface finish: polyester powder painted
- Standard Colour: RAL 9010
- Other colours available upon request



Item Nr.	Description
M300171	G-Profile
M311007BK	Wall bracket (black e-coated)



METAL V-K 500

Hangers for Hook-On Baffles system, direct suspended, cross aligned

Key features

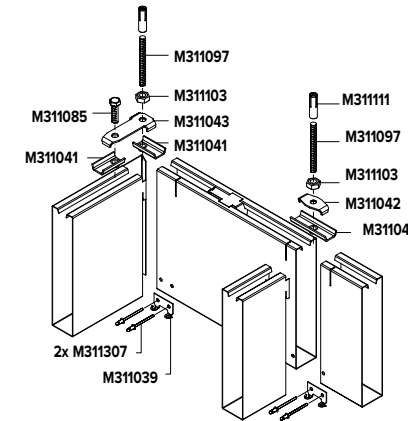
- Direct suspension system and accessories for a Tartan Baffles layout

Application areas

Retail / Open plan offices / Transport

Physical data

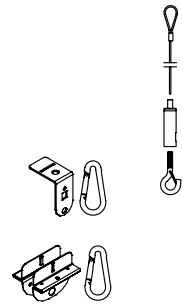
- Material: galvanised steel



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

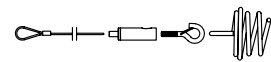
FLOATING CEILINGS ACCESSORIES

OPTIMA BAFFLES ACCESSORIES



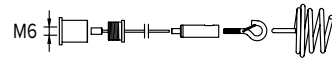
Item Nr.	Description	Material	Dimensions mm
CS5135	Hanging wire kit	Galvanised steel	4000
CS5547BZC	U-profile hanging kit	"	38 x 22 x 40
CS5548BZC	Prelude 24 hanging kit	"	12 x 50 x 40

ACCESSORIES OPTIMA L CANOPY



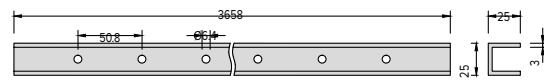
Item Nr.	Description	Material	Dimensions mm
CS4979	Basic spiral anchor hanging kit	Galvanised steel	4000

OPTIMA CURVED CANOPY ACCESSORIES



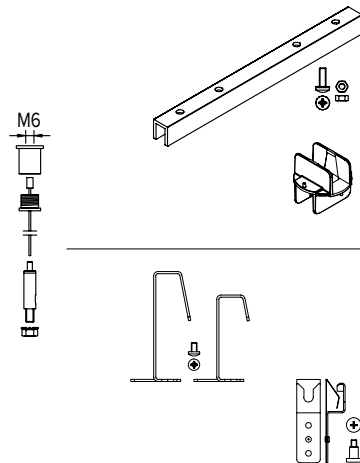
CS6636	Premium spiral anchor hanging kit	Galvanised steel	4000
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OPTIMA CANOPY GRID



Item Nr.	Description	Material	Dimensions mm
CS5451	Grouping frame (Black or Global White)	Aluminium	3658 x 26 x 26

ACCESSORIES & TOOLS



Item Nr.	Description	Material	Dimensions mm
CS5452	Frame splice kit (Black or Global White)	Aluminium	254 x 18 x 22
CS5453	Frame alignment kit	Plastic	Ø63 x 57
CS5450	Deck hanging kit	Galvanised steel	4000
CS5454	Panel hook kit (Black or Global White)	Aluminium	-
CS5455	Drywall hanging kit	"	91 x 26 x 21
CS5588	Wall hanging kit	Galvanised steel	64 x 25 x 6

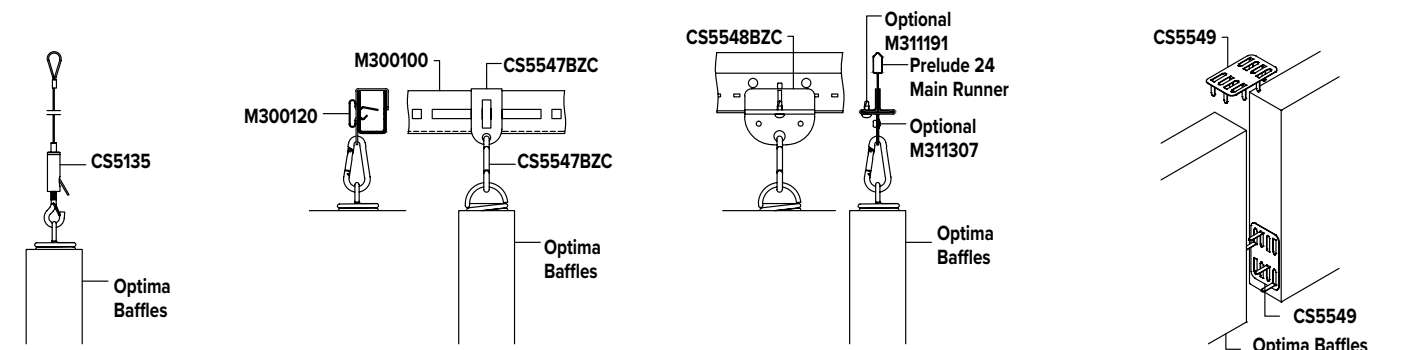
METAL & EASY CANOPY ACCESSORIES



CS5550	Metal & Easy Canopy hanging kit	Galvanised steel	4000
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FLOATING CEILINGS ACCESSORIES

OPTIMA BAFFLES SYSTEM DRAWING



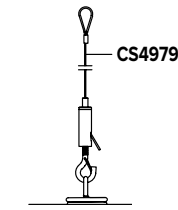
SINGLE SUSPENSION

U-PROFILE GROUPING OPTION

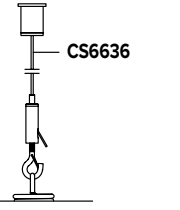
PRELUDE 24 GROUPING OPTION

CONNECTOR DETAIL

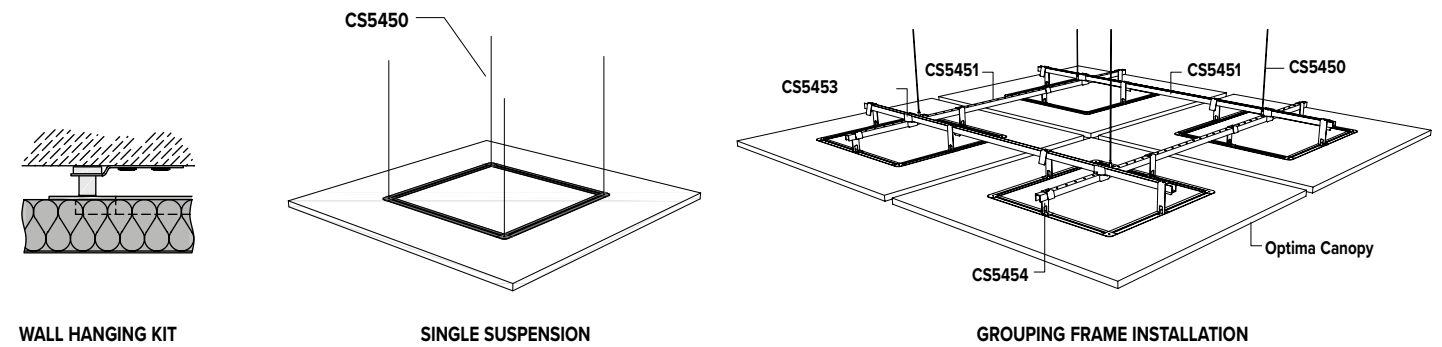
OPTIMA L CANOPY SYSTEM DRAWING



OPTIMA CURVED CANOPY SYSTEM DRAWING



OPTIMA CANOPY SYSTEM DRAWING

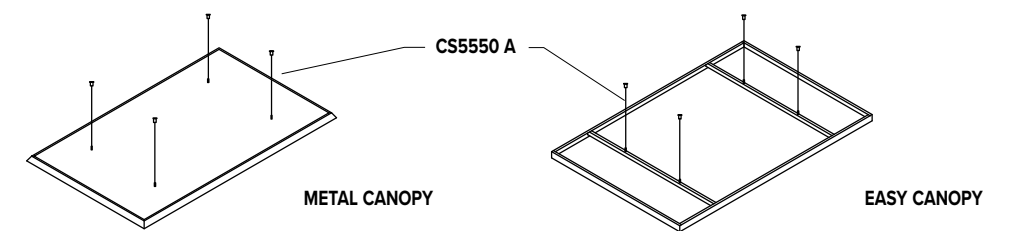


WALL HANGING KIT

SINGLE SUSPENSION

GROUPING FRAME INSTALLATION

METAL & EASY CANOPY SYSTEM DRAWING



METAL CANOPY

EASY CANOPY



DRYWALL GRID SYSTEM - DGS

38 mm grid systems for flat plasterboard ceilings

Key features

- Engineered Main Runner and Cross Tee system: quick and easy to set-out and install
- Reverse hem: prevents screw spin-off - rotary stitched: strength and extra stability
- Full range of accessories: detailing for changes of level - compatible with Axiom for transition to suspended ceilings

Application areas

Plasterboard ceilings

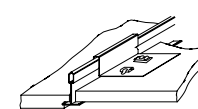
Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

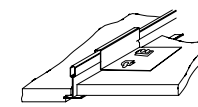
PEAKFORM MAIN RUNNER AND SUPERLOCK CLIP (bulb-to-bulb connection)

Item Nr.	Dimensions (mm)		
	length	width	height
Main Runners			
7940 G slot at 150 mm	3600	38	38
7942 G slot at 150 mm	3000	38	38
7941 G slot at 100 mm	3600	38	38
Cross Tees			
7930 G	1200	38	38
7918	900	38	38
7920 G	600	38	38
Unhemmed C channel			
7838 H	3048 (120')	20	40
Knurled angle trim			
KAM 12 B	3658 (12')	32	32

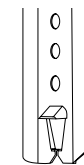
ACCESSORIES



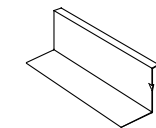
DW50 LT
Transition clip 13 mm
plasterboard (1/2")



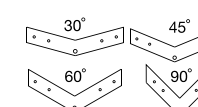
DW58 LTAG
Transition clip for 15 mm
plasterboard (5/8")



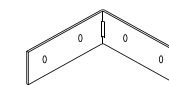
A 351 G (310 mm)
A 352 G (460 mm)
Drywall Grid System (DGS)
Timber Hanger



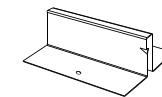
DWACS AG
Drywall attachment clip



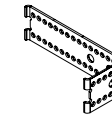
DW30C AG
DW45C AG
DW60C AG
DW90C AG
Drywall angle clips



XTAC AG
Cross Tee adapter clip



MBAC AG
Main Runner adapter clip



LP100
Low plenum hanger bracket 40 mm / 126 mm
(min/max Grid face-upper fixing)



LP70
Low plenum hanger bracket 40mm / 96mm
(min/max Grid face-upper fixing)

DRYWALL GRID SYSTEMS

- DRYWALL GRID SYSTEM-DGS
- DGS CURVED
- DGS SHORTSPAN CORRIDOR

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

DGS CURVED

38 mm grid systems for curved plasterboard ceilings

Key features

- Engineered Main Runner and Cross Tee system: quick and easy to set-out and install
- Reverse hem: prevents screw spin-off - rotary stitched: strength and extra stability
- Faceted Main Runner: form curved or domed ceilings on site - no pre-ordering curved profiles
- Full range of accessories: detailing for changes of level - compatible with Axiom for transition to suspended ceilings

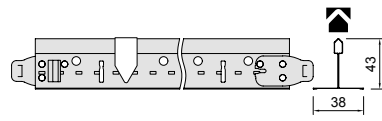
Application areas

Plasterboard ceilings

Physical data

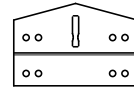
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

PEAKFORM MAIN RUNNER AND SUPERLOCK CLIP (bulb-to-bulb connection)



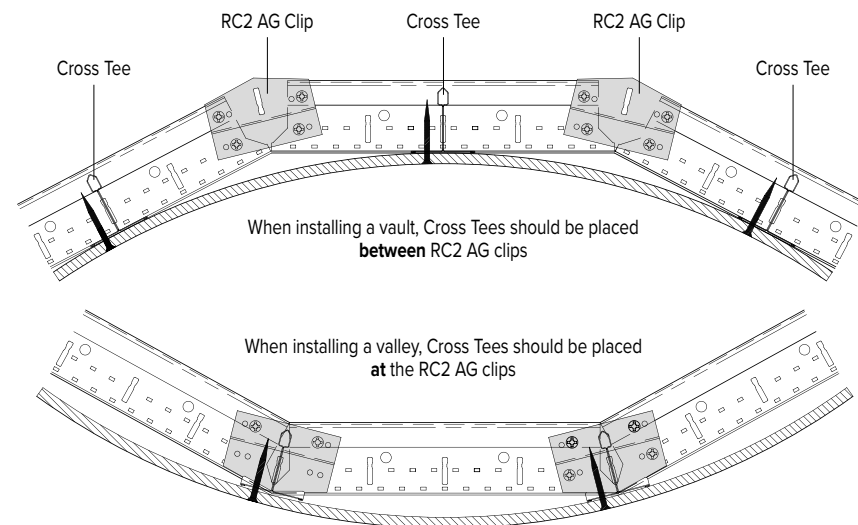
Item Nr.	Dimensions (mm)		
	length	width	height
Faceted Main Runners			
HD 8906 F08 G	3658	38	43
HD 8906 F16 G	3658	38	43

ACCESSORIES



RC2 AG
Radius clip

SYSTEM DRAWING



DGS SHORTSPAN CORRIDOR

38 mm grid system for plasterboard ceilings in corridors or small rooms

Key features

- Locking angle trim: quick and easy to set-out
- Shortspan T-Bars: lock into the Locking Angle Trim for fast installation
- Reduced number of hangers
- Reverse hem: prevents screw spin-off - rotary stitched: strength and extra stability

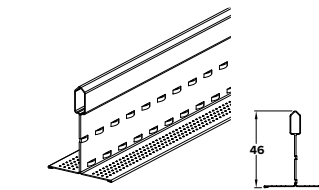
Application areas

Plasterboard corridors or small rooms

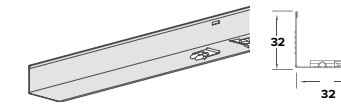
Physical data

- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

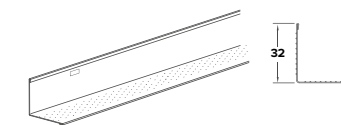
DRYWALL GRID SYSTEM (DGS) SHORTSPAN PRODUCT RANGE



Item Nr.	Designation	Dimensions		Content / Carton pcs	Weight / Carton kg	Cartons / Pallet
		length (mm)	height (mm)			
Shortspan T-bars						
S 7708 P		2438 (8')	46	12	29.95	14
S 7710 P		3048 (10')	46	12	36.57	17.50
S 7712 P		3658 (12')	46	12	43.89	21
S 7714 P		4267 (14')	46	12	51.20	24



Locking angle trims						
LAT 12 H	Locking tabs at 150 mm	3600	32	20	72.20	18
LAT 10 H	Locking tabs at 100 mm	3600	32	20	72.00	18

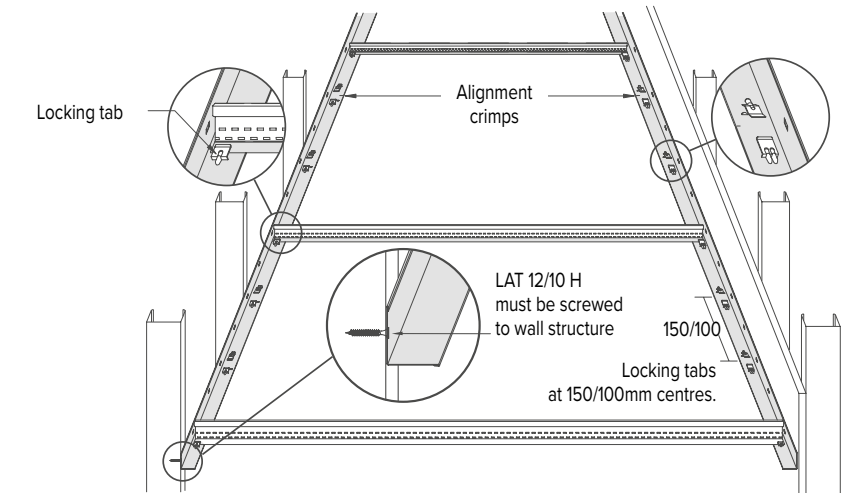


Knurled angle trim						
KAM 12 B	Locking tabs at 150 mm	3660 (12')	32	20	36.60	9

The ShortSpan system is designed for use in drywall ceilings where the spans do not exceed 4200 mm. The individual ShortSpan tees are not designed to be used independent of the locking angle trim (LAT12H or LAT10H) or optional knurled angle trim (KAM 12 B).

DRYWALL GRID SYSTEM (DGS) SHORTSPAN PRODUCT RANGE

The gap between wall trim and shortspan should not be over 3 mm



Extruded aluminium sections for perimeter detailing, changes of level and lighting features

Key features

- Available in 5 different heights with Axiom corner posts and universal accessories for secure and easy installation
- Compatible with Knauf Armstrong exposed ceilings grid systems including Silhouette and Interlude HRC designer grids
- Plasterboard trims for seamless integration with plasterboard ceilings and Knauf Armstrong Drywall Grid System
- Factory finished - no on-site decoration required - save time on plastering, sanding and painting

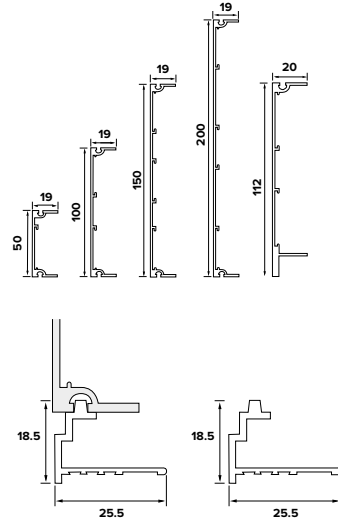
Application areas

All ceilings - Perimeters / Changes in level / Lighting features

Physical data

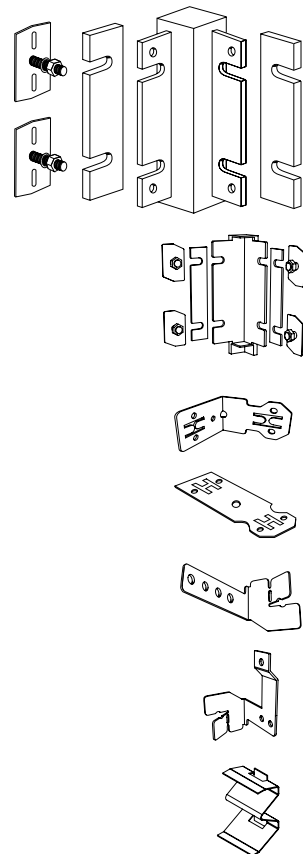
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE



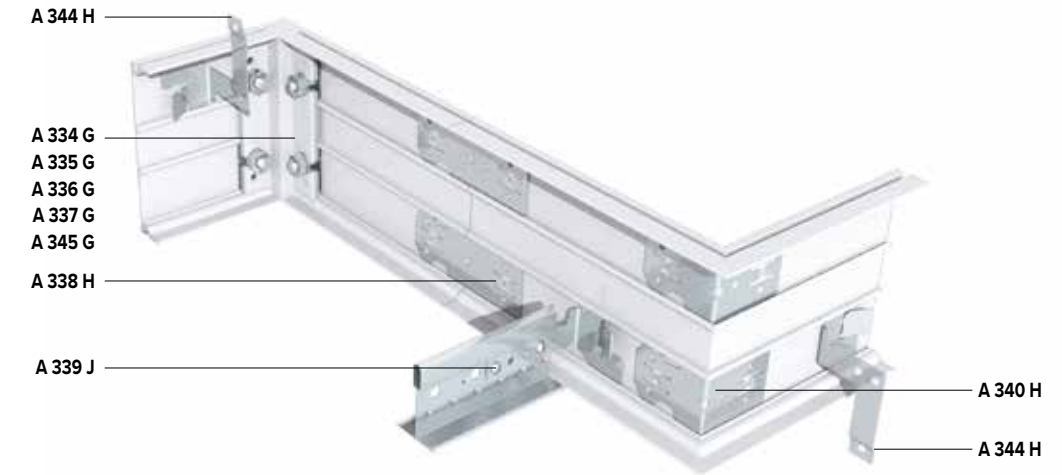
Item Nr.	Designation	Dimensions (mm)		Standard colours	
		length	height	Global white	White RAL 9010
52 42 06 G	AXIOM Profiles 50 mm	3000	50	●	●
54 42 06 G	AXIOM Profiles 100 mm	3000	100	●	●
56 42 06 G	AXIOM Profiles 150 mm	3000	150	●	●
58 42 06 G	AXIOM Profiles 200 mm	3000	200	●	●
55 14 11 G	AXIOM Vector Profiles 112 mm	3000	112	●	●
T 3213 H	AXIOM Profiles plasterboard trim	3000	18.5	●	●

ACCESSORIES

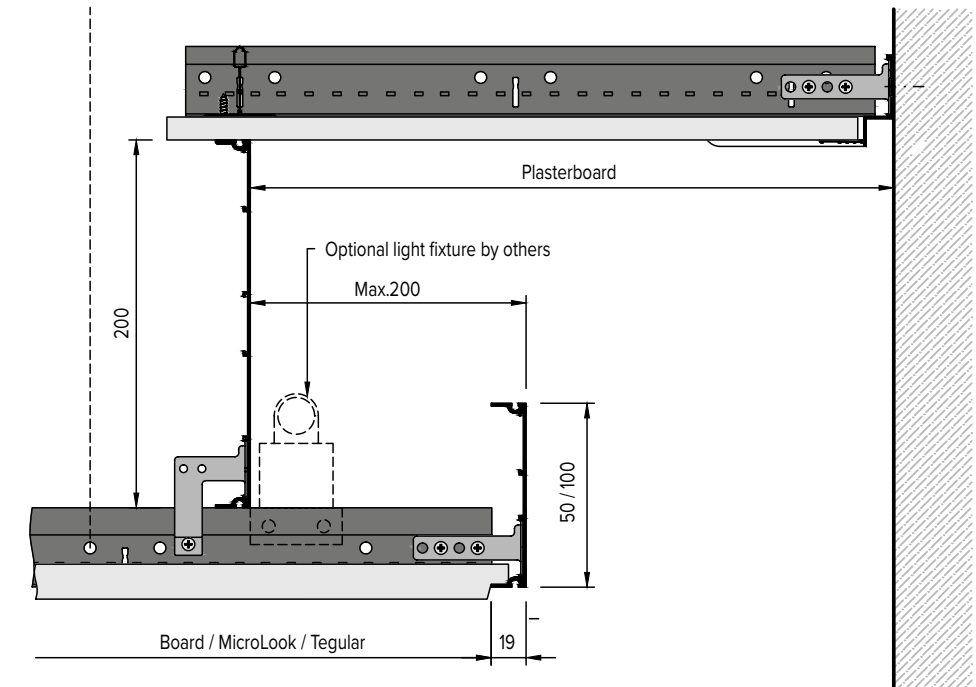


A 334 G	AXIOM Profiles corner post 50 mm	●	●
A 335 G	AXIOM Profiles corner post 100 mm	●	●
A 336 G	AXIOM Profiles corner post 150 mm	●	●
A 337 G	AXIOM Profiles corner post 200 mm	●	●
A 345 G	AXIOM Vector corner post 112 mm	●	
A 340 H	AXIOM Universal corner clip		
A 338 H	AXIOM Universal splice plate		
A 339 J	AXIOM Universal T bar connector clip		
A 344 H	AXIOM Universal hanging clip		
A 7935	AXIOM Universal Hold down clip for cut metal tiles		

SYSTEM DRAWING



CONCEALED LIGHTING DETAIL



SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



AXIOM TRANSITIONS

Extruded aluminium sections to provide a seamless transition between plasterboard margins and suspended ceilings

Key features

- 12 sections designed for compatibility with different edge details using Axiom universal accessories for secure and easy installation
- Compatible with Knauf Armstrong exposed ceiling grid systems including Silhouette and Interlude HRC designer grids
- Plasterboard jointing flange for seamless integration with plasterboard ceilings and Knauf Armstrong Drywall Grid System

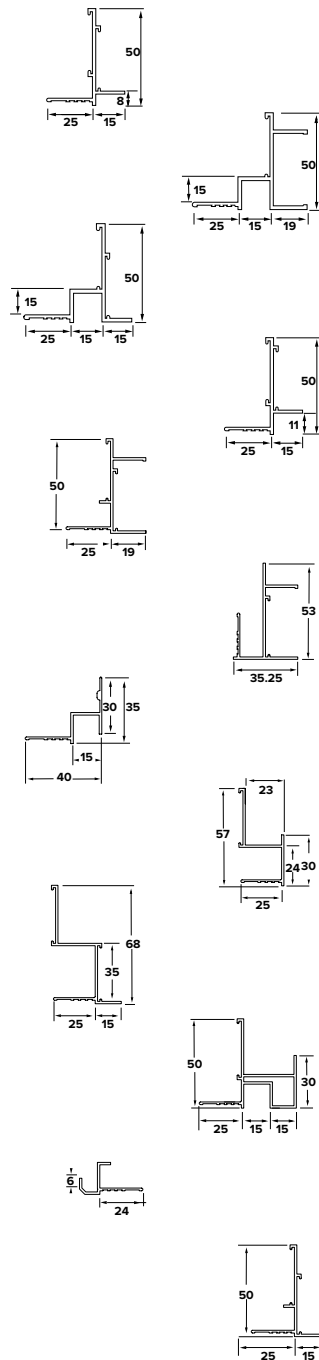
Application areas

All ceilings - Perimeters

Physical data

- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

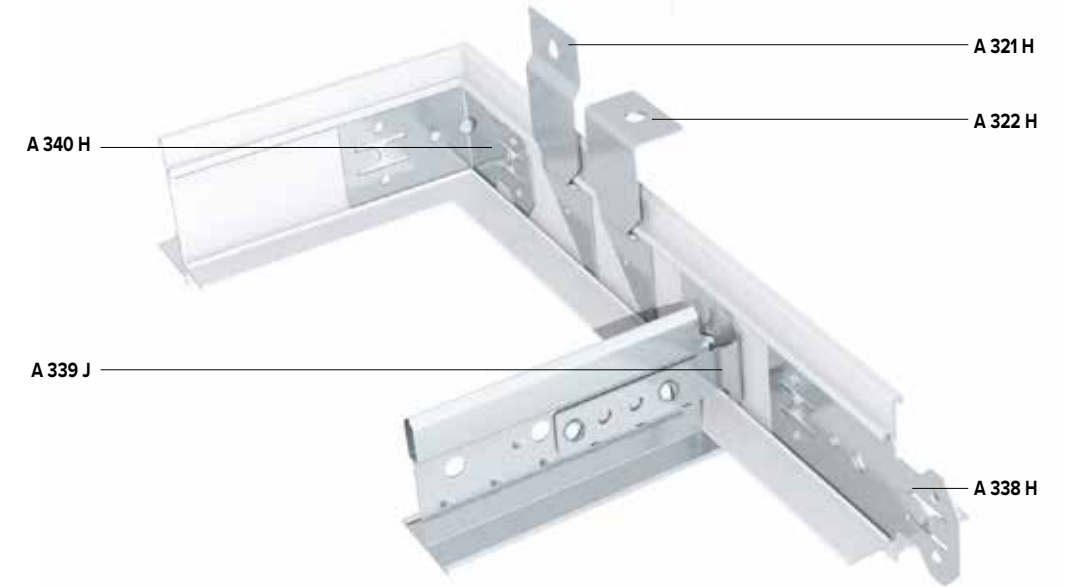
PRODUCT RANGE



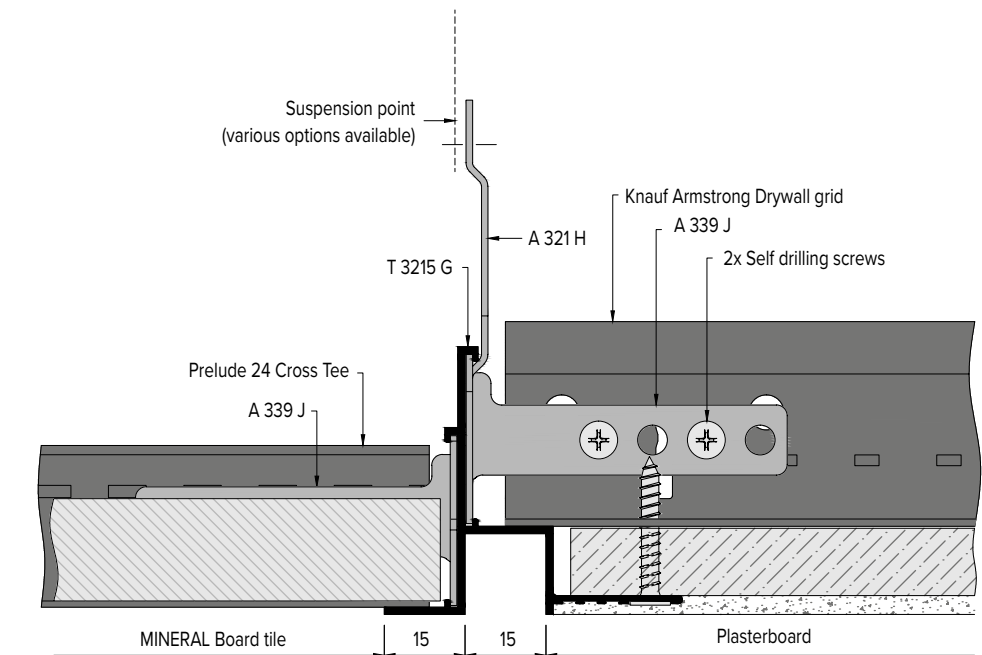
Item Nr.	Designation	Dimensions (mm)		Standard colours	
		length	height	Global white	White RAL 9010
T 3208 G	AXIOM Transitions for Tegular/MicroLook	3000	50	●	●
T 3219 G	AXIOM Transitions channel	3000	50	●	●
T 3215 G	AXIOM Transitions shadowline angle	3000	50	●	●
T 3210 G	AXIOM Transitions for Vector tiles	3000	50	●	●
T 3228	AXIOM Transitions shadowline channel	3000	50	●	●
T 3230	AXIOM Transitions upstand Channel 13 mm Board	3000	53	●	●
T 3270	AXIOM Transitions Shadowline for T-Clip F (full tiles)	3000	35	●	●
T 3272	AXIOM Transitions channel for B-H 300 (full tiles)	3000	57	●	●
T 3273	AXIOM Transitions angle with offset 25 mm	3000	68	●	●
T 3276	AXIOM Transitions Shadowline for B-H 300 (full tiles)	3000	51	●	●
T 3277	AXIOM Transitions for S-Clip F, Q-Clip F, R-Clip F (full tiles)	3000	18	●	●
T 3271	AXIOM Transitions angle	3000	51	●	●

AXIOM TRANSITIONS

SYSTEM DRAWING



CROSS SECTION



SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



AXIOM BLIND BOXES

AXIOM BLIND BOXES

Extruded aluminium profiles for detailing perimeter blind boxes or concealed lighting features

Key features

- Pre-engineered profiles using Axiom universal accessories for a secure and easy installation
- Provide a sharp finish to integrate with suspended ceiling tiles or plasterboard ceilings
- Factory finished - no on-site decoration required - save time on plastering, sanding and painting

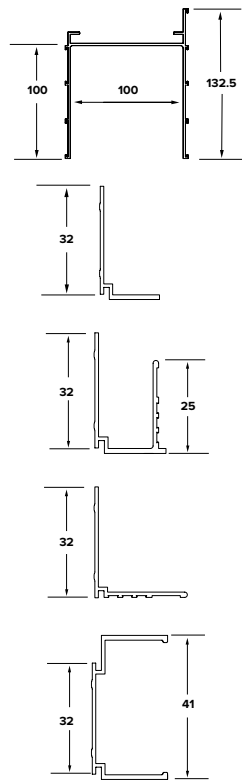
Application areas

All ceilings - Perimeters / Lighting features

Physical data

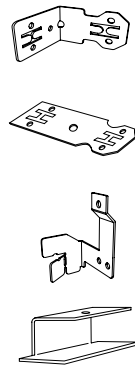
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE



Item Nr.	Designation	Dimensions (mm)		Standard colours	
		length	height	Global white	White RAL 9010
T 3250	AXIOM Blind Box - 100mm	3000	132.5	●	●
T 3251	AXIOM Blind Box Perimeter angle	3000	32	●	●
T 3252	AXIOM Blind Box Transition upstand 13mm Board	3000	32	●	●
T 3253	AXIOM Blind Box Transition angle	3000	32	●	●
T 3254	AXIOM Blind Box Perimeter channel	3000	41	●	●

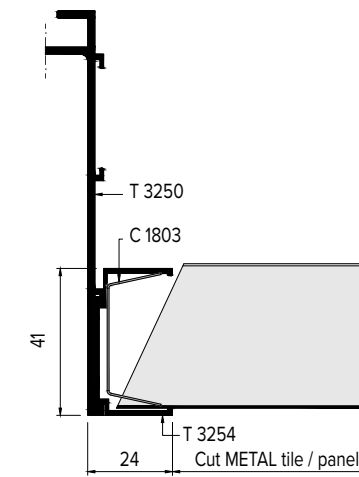
ACCESSORIES



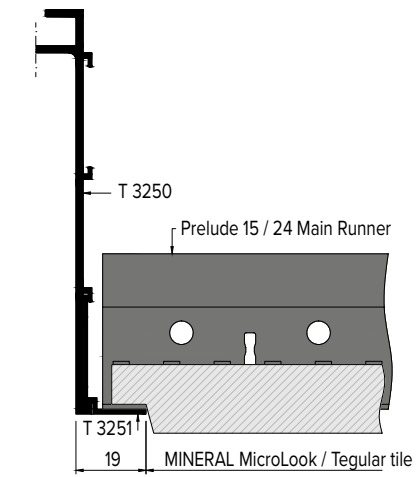
Item Nr.	Designation	Dimensions (mm) height
A 340 H	AXIOM Universal corner clip	-
A 338 H	AXIOM Universal splice plate	-
A 344 H	AXIOM Universal hanging clip	-
A 3255	Hanger for AXIOM Blind Box	25

CROSS SECTION

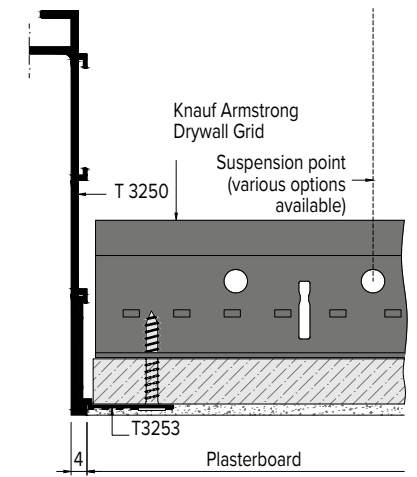
Cross Section Cut Metal Tile



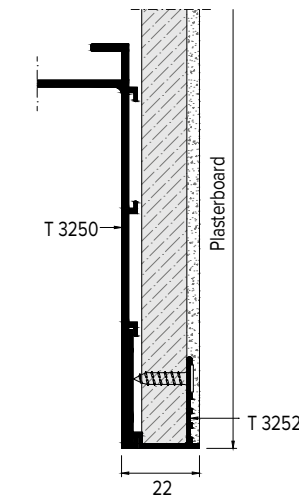
Cross Section MicroLook / Tegular



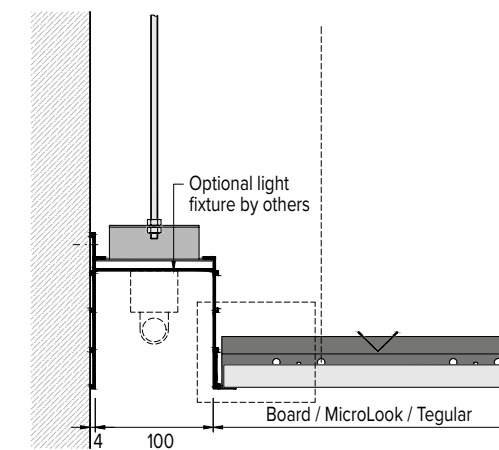
Cross Section Plasterboard Horizontal



Cross Section Plasterboard Vertical



AXIOM Blind Box to Wall



SUSTAINABILITY



FIRE REACTION



OTHER PERFORMANCES & FEATURES



CUSTOM OPTIONS



[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

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AXIOM PERIMETER ANGLES / CHANNELS

Extruded aluminium sections for classic perimeter solutions with mineral, metal, wood or plasterboard ceilings

Key features

- Angle and channel sections designed for compatibility with Axiom universal accessories for secure and easy installation
- Compatible with Knauf Armstrong ceiling grid systems including Silhouette and Interlude HRC designer grids
- Plasterboard perimeter trim for finishing plasterboard ceilings and Knauf Armstrong Drywall Grid System

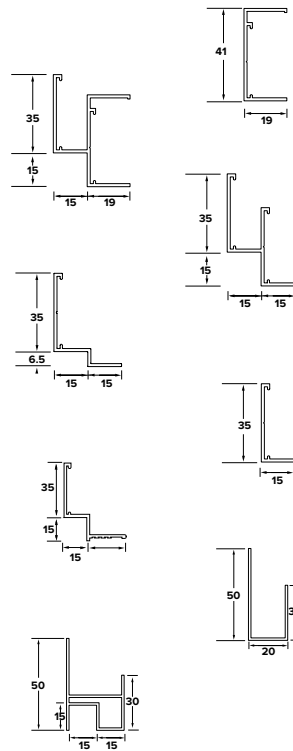
Application areas

All ceilings - Perimeters

Physical data

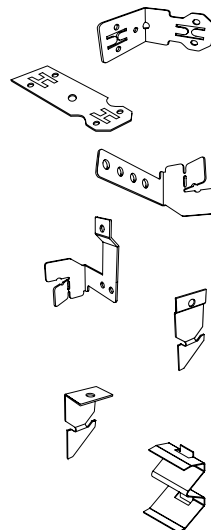
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE



Item Nr.	Designation	Dimensions (mm)		Standard colours	
		length	height	Global white	White RAL 9010
T 3249	AXIOM Perimeter C profile 41 x 19mm	3000	41	●	●
T 3226	AXIOM Perimeter Shadowline channel 35 x 15 x 15 x 19mm	3000	50	●	●
T 3227	AXIOM Perimeter Shadowline angle 35 x 15 x 15 x 15mm	3000	50	●	●
T 3248	AXIOM Perimeter Shadowline angle 35 x 15 x 6.5 x 15mm	3000	40	●	●
T 3235	AXIOM Perimeter angle 35 x 15mm	3000	35	●	●
T 3225 G	AXIOM Perimeter plasterboard trim	3000	50	●	●
T 3274	AXIOM Perimeter for B-H 300 (full tiles)	3000	50	●	●
T 3275	AXIOM Perimeter Shadowline for B-H 300 (full tiles)	3000	50	●	●

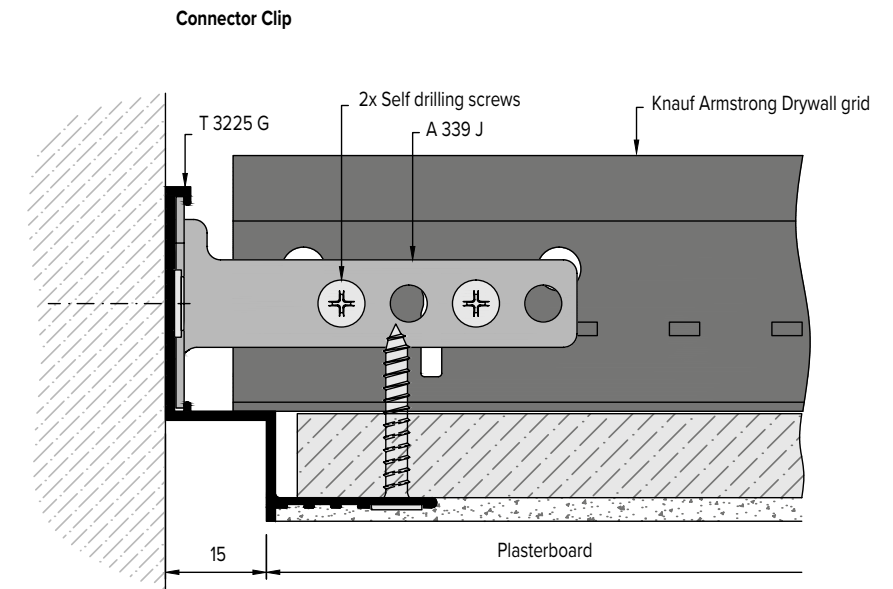
ACCESSORIES



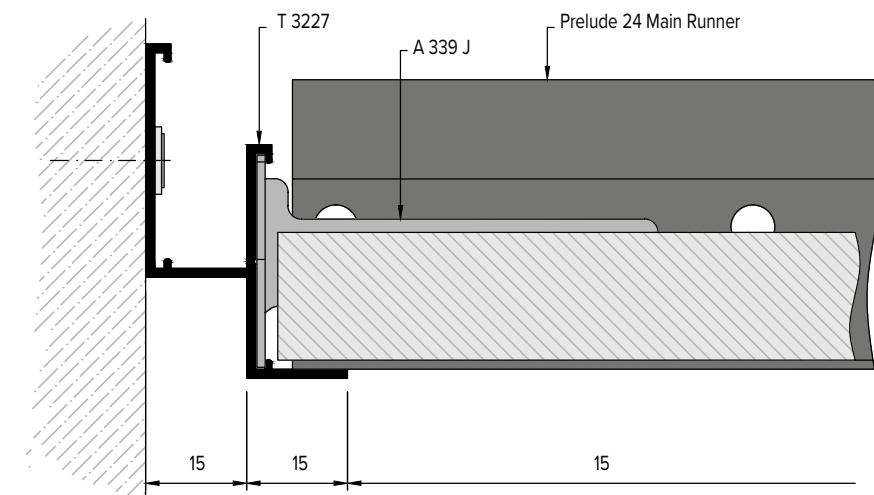
Item Nr.	Designation	Dimensions (mm) height
A 340 H	AXIOM Universal corner clip	-
A 338 H	AXIOM Universal splice plate	-
A 339 J	AXIOM Universal T bar connector clip	-
A 344 H	AXIOM Universal hanging clip	-
A 321 H	AXIOM Transitions suspension clip – straight	79
A 322 H	AXIOM Transitions suspension clip – angled	62
A 7935	AXIOM Universal Hold down clip for cut metal tiles	-

AXIOM PERIMETER ANGLES / CHANNELS

CROSS SECTION



Board to Wall



SUSTAINABILITY



FIRE REACTION



EEA Euroclass A2-s1, d0
EN 13501-1

OTHER PERFORMANCES & FEATURES



30 YEAR system guarantee

CUSTOM OPTIONS



PERIMETER TRIMS

Perimeter trims for Metal and Mesh tiles:

Steel and extruded aluminium sections designed specifically for perimeter detailing of Metal ceiling systems

Key features

- A variety of different angle for a wide choice of perimeter design options

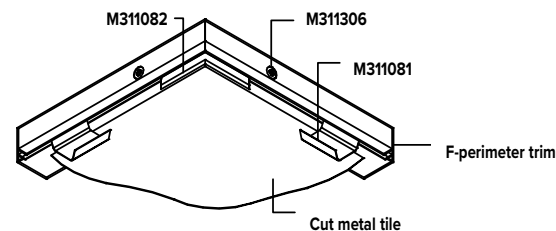
Application areas

All ceilings - Perimeters

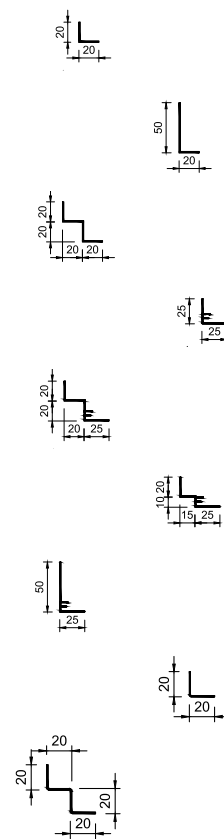
Physical data

- Material: galvanised steel / aluminium
- Surface finish: polyester powder painted
- Colour: RAL 9010
- Other colours available upon request

F-PERIMETER TRIMS SYSTEM DRAWING



F-PERIMETER TRIMS SYSTEM DRAWING



Item Nr.	Description	Material	Dimensions (mm)		
			length	width	height
M215110	RA 1 perimeter trim	Aluminium	4000		
M215111	RA 2 perimeter trim	"	4000		
M215112	RA 3 shadowline perimeter trim	"	4000		
M215013	RA 4 F perimeter trim	"	4000		
M215014	RA 5 F shadowline perimeter trim	"	4000		
M215015	RA 6 F shadowline perimeter trim	"	4000		
M215233	RA 9 F perimeter trim	"	4000		
M215213	RA 1 S perimeter trim	Galvanised steel	3000		
M215214	RA 3 S shadowline perimeter trim	"	3000		

F-PERIMETER TRIMS SYSTEM DRAWING



Item Nr.	Description	Material	Dimensions (mm)		
			length	width	height
M311081	Pressure spring	Spring steel	54	30	10

- Bulkheads:** Knauf Armstrong also has a choice of bulkhead type for full tile or cut-tile integration.
- Post-coated for colour match with Knauf Armstrong metal ceiling systems
 - Accessories and bracing profile for complete system solution

For full system details, please see the Suspension Systems brochure.

[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PERIMETER TRIMS

Standard perimeter trims for classic perimeter solutions with mineral and wood ceilings

Key features

- Comprehensive range including angle trims, shadowline trims, channels and F-upstand trims

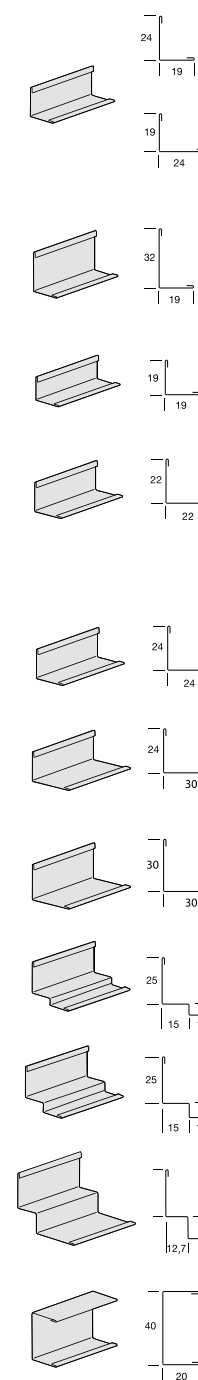
Application areas

All ceilings - Perimeters

Physical data

- Material: steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

PERIMETER DETAILING

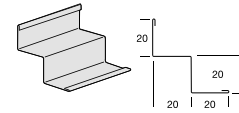


Item Nr.	Description	Dimensions (mm)		Standard colours						
		length	thickness	Global white	White RAL 9010	Silver RAL 9006	Black	Brass	Chrome	Galvanised
T 1924 HD	Perimeter angle, painted	3000	0.54	●						
T 1924 CA	Perimeter angle, capped	3050	0.60					●	●	
T 1924 LB	Perimeter angle, corrosive resistant	3050	0.55	●						
T 2419 H	Perimeter angle, painted	3000	0.45		●	●	●			
T 1932 HA	Perimeter angle, painted	3000	0.45	●						
T 1919 HC	Perimeter angle, painted	3000	0.45	●						
T 2222 HA	Perimeter angle	3000	0.45	●						
T 2401 HA	Perimeter angle, painted heavy duty	3050	0.70	●						
T 2424 HD	Perimeter angle, painted	3050	0.45	●						
T 3024 HA	Perimeter angle, painted	3000	0.45	●						
T 3030 H	Perimeter angle, painted	3000	0.54	●			●			●
T 1506 H	Shadowline, painted	3050	0.45	●						
T 1508 HB	Shadowline, painted	3050	0.45	●	●	●	●			
7875 G	Shadowline, painted, for OPTIMA Vector, ULTIMA+ Vector, SAHARA Vector	3050	0.45	●						
T 2040 HB	C channel, painted	3050	0.45	●	●	●				

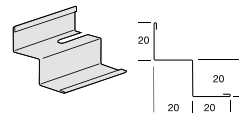
[2019-12] All sizes are nominal. Product availability may vary. Please contact us or visit www.knaufarmstrong.com for more information.

PERIMETER TRIMS

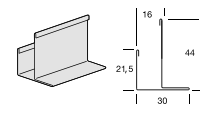
PERIMETER DETAILING



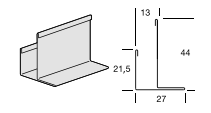
Item Nr.	Description	Dimensions (mm)		Standard colours
		length	thickness	
T 2020 HH	Shadowline, painted	3000	0.65	Global white



T 2121 HH	Shadowline, air circulation length of slot: 50 mm Distance between slots 20 mm (ca, 16% open area)	3000	0.60	Global white
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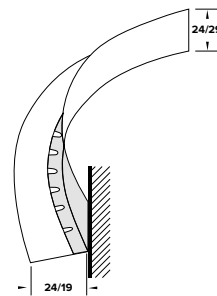


7856 H	F Upstand trim, painted, for 16 mm thick panels	3050	0.45	Global white
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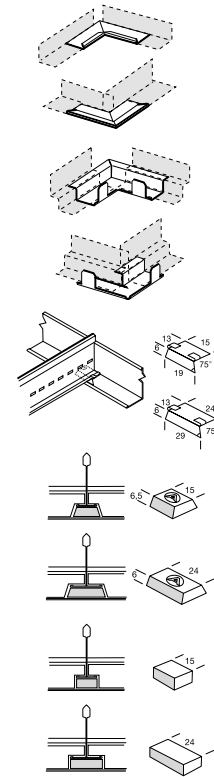
7852 H	F Upstand trim, painted, for 13 mm thick panels	3050	0.45	Global white
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FLEXIBLE PERIMETER TRIMS



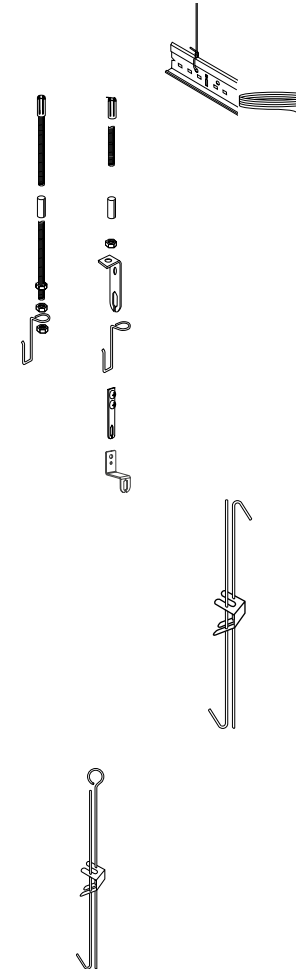
Item Nr.	Dimensions (mm)		Standard colours	
	length	height	Global white	Black
FT 2424	2500	24	●	●
FT 1929	2500	29	●	●

ACCESSORIES

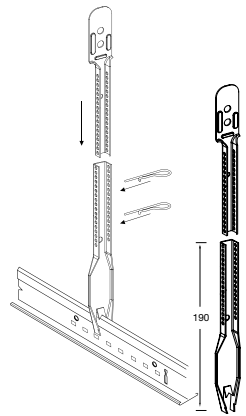


Item Nr.	Designation	Dimensions (mm) length
A 328 G	Inside corner 19 mm (Global White)	58
A 329 G	Outside corner 19 mm (Global White)	65.5
A 330 G	Inside corner 24 mm (Global White)	58
A 331 G	Outside corner 24 mm (Global White)	65.5
A 332 G	Inside corner for shadowline T 1508 HB (Global White)	72
A 333 G	Outside corner for shadowline T 1508 HB (Global White)	57.2
A 0415 G	MicroLook border clip	19
A 0324 G	Tegular border clip	29
A 156 G	Perimeter fill-in clip for 15 mm grid - MicroLook (75° angled)	-
A 246 G	Perimeter fill-in clip for 24 mm grid - Tegular (75° angled)	-
A 157	Perimeter fill-in clip for 15 mm grid - MicroLook 90 / Metal MicroLook 8 (90° angled)	15
A 247	Perimeter fill-in clip for 24 mm grid- Tegular 90 / Metal Tegular 8 (90° angled)	24

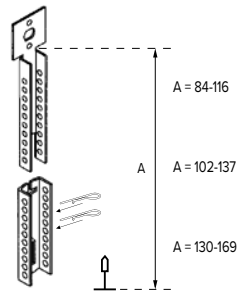
SUSPENSION & ACCESSORIES




Item Nr.	Description	Dimensions (mm) length
A W950 G	Suspension wire dia, 2 mm	ca, 200 metres
A 1843 G	Expanded bolt for threaded rod dia, 6 mm	25
A 1829 G	Threaded rod dia, 6 mm	1000
A 1839 G	Connection for threaded rod dia, 6 mm	20
A 1827 G	Nut for threaded rod	-
▲ A WDN20 H	Bent tee bar hanger for threaded rod	57
A 14 G	Universal clip	40
▲ A WDN21 H	T bar hanger	-
▲ A WDN23 G	Double bent T bar hanger with 2 sizes of diameter hole	57
A 11030 G	Quick hanger - hook (2 hooks)	165-280
A 11020 G	Quick hanger - hook (2 hooks)	215-380
A 11040 G	Quick hanger - hook (2 hooks)	315-580
A 11070 G	Quick hanger - hook (2 hooks)	415-780
A 11090 G	Quick hanger - hook (2 hooks)	515-980
A 12030 G	Quick hanger - eye (1 hook +1 eye)	165-280
A 12020 G	Quick hanger - eye (1 hook +1 eye)	215-380
A 12040 G	Quick hanger - eye (1 hook +1 eye)	315-580
A 12070 G	Quick hanger - eye (1 hook +1 eye)	415-780
A 12090 G	Quick hanger - eye (1 hook +1 eye)	515-980



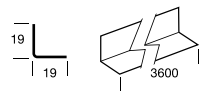
Item Nr.	Description	Dimensions length (mm)
A 10202 H	Upper part of nonius	300
A 10203 H	Upper part of nonius	400
A 10204 H	Upper part of nonius	500
A 10205 H	Upper part of nonius	600
A 10206 H	Upper part of nonius	700
A 10208 H	Upper part of nonius	800



 A 10230 G	Bottom part of nonius hanger	190
A 10300 G	Short Nonius hanger (upper & lower part) 84-116 mm	-
A 10301 G	Short Nonius hanger (upper & lower part) 102-137 mm	-
A 10302 G	Short Nonius hanger (upper & lower part) 130-169 mm	-



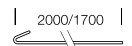
A 10229 G	Pin to connect bottom & upper part of nonius	60
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A 952 G	Suspension angle	3600
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 A 1052 G	Bent Residential strap hanger	73
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A 826 G	2 m hanger with hook	2000
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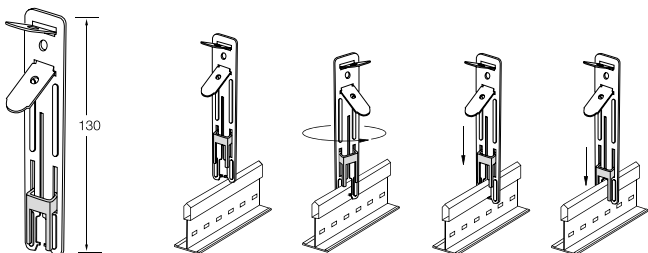
A 827 G	1.7 m hanger with hook	1700
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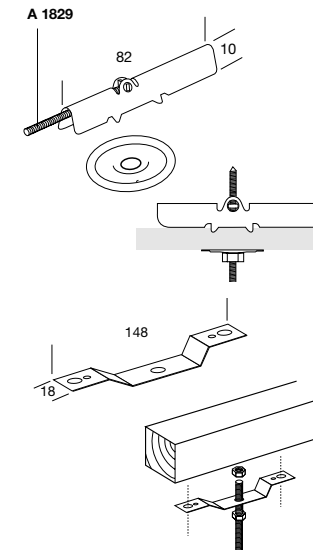
A 11 G	Small hook	125
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A 12 H	Butterfly	55
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 A 829 H	Suspension hanger for T bar	130
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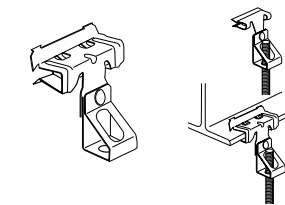


SUSPENSION & HOLD DOWN CLIPS



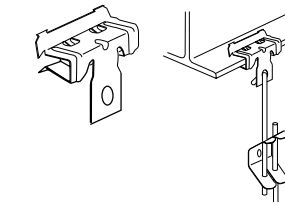
Item Nr.	Description	Dimensions length (mm)
A 1837 G	Rocking hanger	80

A 1838 H	Hanger for wooden beam	148
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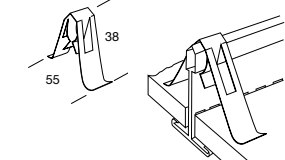
A 1820 G	Beam flange clip 1.6 - 4.8 mm thickness	-
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A 1821 G	Beam flange clip 4.8 - 9.5 mm thickness	-
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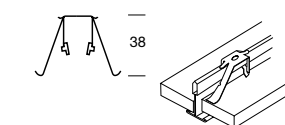



A 1822 G	Clip for quick hanger 1.6 - 4.8 mm thickness	-
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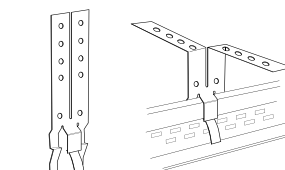
A 1823 G	Clip for quick hanger 4.8 - 9.5 mm thickness	-
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 A 7890 G	Universal hold down clip	-
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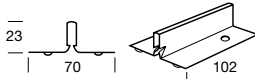
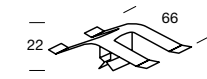

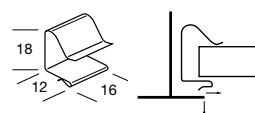
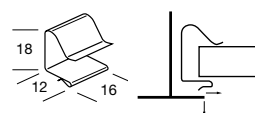
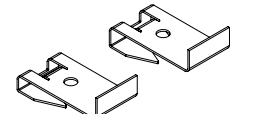
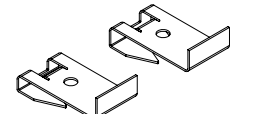
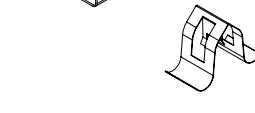
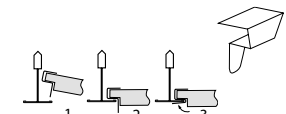
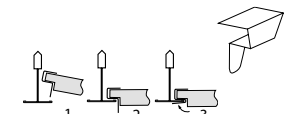
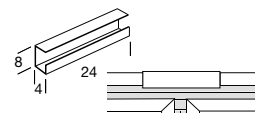
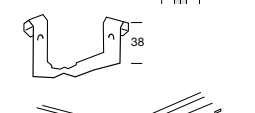
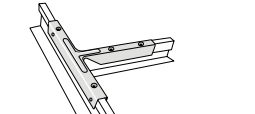


 A 819 G	Locking hold down clip, 6-30 mm tiles (Peakform & Square bulb)	64
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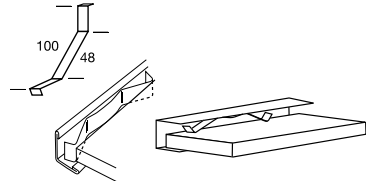
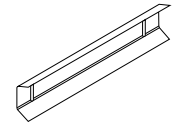
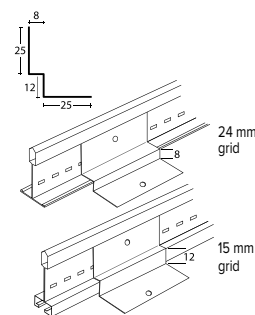
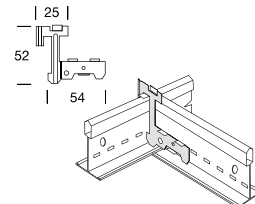
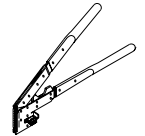

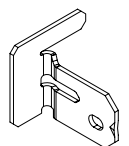
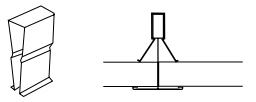


 A 1060	T35 Hold down clip for panels up to 110 mm thick	-
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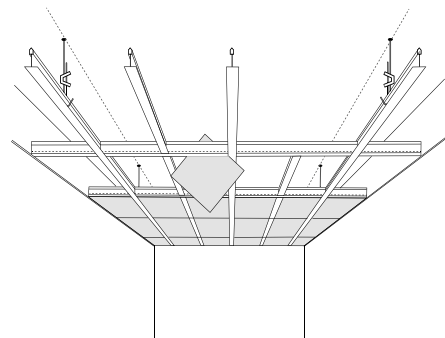
HOLD DOWN CLIPS & ACCESSORIES

Item Nr.	Description	Dimensions length (mm)
 EHDC 58 AG	Exterior hold down clip (Peakform & Square bulb)	102
 A 7912 G	Hold down clip for 40 mm soft fibre panels	68
 A 7902 G	Hold down clip for 18-25 mm soft fibre panels	40
 A 425 G	Board Access clip for standard 24 mm T-bar	-
 A 426 G	Board Access clip for Clean Room 24 T-Bar (Global White)	-
 440 B	Ultima+ Vector Border Clip	-
 441 A	Optima Vector Border Clip	-
 442 A	Vector Seismic clip	-
 A 7930 G	Last tile clip Tegular (Global White)	40
 A 7931 G	Last tile clip MicroLook (Global White)	40
 MCC4 G	Mitre closure clip for 6 mm Silhouette (Global White)	-
 LFC G	Peakform Corner support of lay-in light (Silhouette & 15 mm grid)	-
 A 131 G	T bar saddle clip (Peakform & Square bulb)	98

HOLD DOWN CLIPS & ACCESSORIES

Item Nr.	Description	Dimensions length (mm)
 A 1796 G	Border wedge	-
 C 1803 J	Border / perimeter wedge	-
 UPC AG	Universal partition clip	-
 C 1430 G	Variable placement hook end detail to suit on site	63.5
 A 7876 A	Slot tool for hour glass slots	-
 A SP H	Grid touch-up paint	-
 STAC	Single Tee Adapter Clip	-
 CHDC	PVC Hold down clip for Clean Room grids	-

INSTALLATION & MAINTENANCE



For more information, please contact us or visit the **Installation & Maintenance** page on Knauf Armstrong's website.

MANUFACTURER'S RECOMMENDATIONS

Many specifications call for the ceiling to be installed in accordance with the “manufacturer’s recommendations” and this approach is now adopted in EN 13964:2014 “Suspended ceilings – Requirements and test methods” which refers to “Supplier’s instructions”.

The recommendations are given as a guide to such requirements which should be consulted prior to installation.

Where a specific point is not mentioned or for further information on those that are, please contact us or visit Knauf Armstrong's website.

REACTION TO FIRE

Fire reaction is an important consideration for every ceiling system – no matter how simple or complex. Our ceiling tiles are engineered to meet the most stringent industry standards. Select from a broad range of looks and acoustic options to meet your design and fire reaction requirements.

BUILDING REGULATIONS

Fire reaction performance for suspended ceilings is shown using the Euroclass fire reaction classification. Most Knauf Armstrong products are reaching A2-s1,d0.

For more information, please contact us or visit Knauf Armstrong's website.



CLEANING MATRIX

		DRY METHODS			WET METHODS (tiles must be cleaned using dry methods before wet cleaning)									
		A1: Soft brush A2: Clean, dry, soft white cloth A3: Vacuum system (with brush)	A4: Focus compressed air	H: Pencil erasers to remove fingerprints or pencil marks	B1: Moist cloth with no detergent C1: A moist cloth with mild detergent diluted in warm water	B2: Damp sponge with no detergent C2: Damp sponge with mild detergent diluted in warm water	D: Damp rough texture sponge (using medium pressure)	F: High pressure water cleaning	G: Resistant to popular disinfectants (due to large number of types of disinfectants, always test a small area first)					
MINERAL SOLUTIONS	ULTIMA+, ULTIMA+ dB, ULTIMA+ OP	✓	Daily		✓	✓	Weekly	✓	Weekly					
	OPTIMA	A1 & A3 Only	Daily		✓			B2 Only	Weekly					
	PERLA, PERLA dB PERLA OP 0.95, PERLA OP 1.00	✓	Daily			✓	Monthly	✓	Weekly					
	NEEVA COLORTONE NEEVA	✓	Daily		✓									
	SIERRA / SIERRA OP	✓	Daily		✓	✓	Monthly	✓	Weekly					
	SAHARA, SAHARA dB, SAHARA MAX COLORTONE Dune eVo	✓	Daily					✓	Weekly					
	PLAIN, GRAPHIS	✓	Daily		✓									
FINE FISSURED	✓	Daily		✓										
SPECIFIC SOLUTIONS	BIOGUARD ACOUSTIC OP BIOGUARD ACOUSTIC	✓	Daily		✓	✓	Daily	✓	Daily	✓	Weekly		✓	Daily
	BIOGUARD PLAIN	✓	Daily		✓	✓	Monthly	✓	Weekly				✓	Weekly
	SANIGUARD	✓	Daily			✓	Monthly	✓	Weekly					
	CLEANROOM FL	✓	Daily		✓	✓	Weekly	✓	Weekly				✓	Weekly
	PARAFON HYGIEN	✓	Daily		✓	✓	Weekly	✓	Weekly		√ ⁽¹⁾	Twice Yearly		
	HYDROBOARD	✓	Daily		✓									
	CERAMAGUARD	✓	Daily		✓	✓	Weekly	✓	Daily					
WOOD SOLUTIONS	Plain surface for all veneers	✓	Daily			B1 Only	Weekly							
	Perforated surfaces for all veneers	✓	Daily			B1 Only	Weekly							
METAL SOLUTIONS	Plain surface for all edge details	✓	Daily		✓	✓	Daily	✓	Daily		√ ⁽²⁾	Twice Yearly	✓	Daily
	Plain surface with TrioGuard™ coating for all edge details	✓	Daily	✓										
	Perforated surfaces Rg 0501, Rg 0701 for all edge details	✓	Daily		✓	✓	Daily	✓	Daily				✓	Daily
	Perforated surfaces Rg 2516, Rd 1522 for all edge details	✓	Daily		✓	✓	Weekly	✓	Weekly				✓	Weekly



Wipeable with a dry cloth / soft brush. (A1 - A2 - A3)



Can be cleaned using focus compressed air. (A4)



Wipeable with a moist cloth. (B1 - C1)



Washable with a sponge dampened in water containing mild soap or diluted detergent. (B2 - C2)



Scrubable with water containing mild soap or diluted detergent. (D)



Can be cleaned using a high pressure water spray. (F)



Can be cleaned with disinfectants commonly used in healthcare premises. (G)

⁽¹⁾ Special instructions are available. Please consult us. ⁽²⁾ Only Q-Clip and R-Clip when sealed with silicone mastic. Special instructions are available. Please consult us.

WEIGHTED SOUND ABSORPTION COEFFICIENT, α_w

A single-number rating for random incidence sound absorption coefficients calculated by reference to EN ISO 11654. With this method measured values obtained in accordance with EN ISO 354, are converted into octave bands at 250, 500, 1000, 2000 and 4000Hz and are plotted onto a graph. A standard reference curve is then shifted towards the measured values in steps of 0.05 until a "best fit" is obtained. The derived value of α_w will vary between 0.00 and 1.00 but is only expressed in multiples of 0.05, e.g. $\alpha_w = 0.65$.

SHAPE INDICATOR

With reference to EN ISO 11654, the calculated value of α_w may be qualified by one or more letters (in brackets) to indicate if the product has excess sound absorption at low (L), medium (M) or high (H) frequencies.

SOUND ABSORPTION CLASS

With reference to EN ISO 11654, the calculated value of α_w may additionally be allocated into one of six descriptive classes in accordance with the following table:

Sound Absorption Class	α_w
A	0.90; 0.95; 1.00
B	0.80; 0.85
C	0.60; 0.65; 0.70; 0.75
D	0.30; 0.35; 0.40; 0.45; 0.50; 0.55
E	0.15; 0.20; 0.25
Not Classified	0.00; 0.05; 0.10

WEIGHTED SUSPENDED CEILING NORMALISED LEVEL DIFFERENCE, D_{ncw}

A single-number rating of the laboratory measurement of room-to-room (horizontal) airborne sound insulation of a suspended ceiling above adjacent rooms sharing a common ceiling plenum. It is determined in accordance with EN ISO 717-1 from measurements made in accordance with EN 20140-9. Note: EN 20149-9 has now been withdrawn and superseded by EN ISO 10848-2. (see D_{ntw}), although D_{ncw} test results still continue to be valid.

WEIGHTED SUSPENDED CEILING NORMALISED FLANKING LEVEL DIFFERENCE, D_{ntw}

A single-number rating of the laboratory measurement of room-to-room (horizontal) airborne flanking sound transmission of a suspended ceiling above adjacent rooms sharing a common ceiling plenum. It is determined in accordance with EN ISO 717-1 from measurements made in accordance with EN ISO 10848-2. This has now superseded EN 20149-9. (see D_{ncw}).

WEIGHTED SOUND REDUCTION INDEX, R_w

A single-number rating of the laboratory measurement of (vertical) airborne sound reduction of a suspended ceiling. It is determined by reference to EN ISO 717-1 from measurements of sound reduction index made in accordance with EN ISO 140-3.

RAIN NOISE SOUND INTENSITY LEVEL, L_i

The laboratory measurement of the sound intensity in a room below a roof construction when subjected to rainfall. It is determined by reference to EN ISO 140-18:2006 – Laboratory measurement of sound generated by rainfall on building elements. The roof's performance can be tested with or without a suspended ceiling beneath. The intensity of the rainfall tested can be selected from the options given in the standard. A combined A-weighted single-number (LIA) can also be determined. Unlike D_{ntw} and R_w data, where the higher the value the better the insulation provided, the lower the intensity value (weighted LIA) the better the insulation performance of the ceiling and roof combination.

SOUND ATTENUATION

A term used in relation to the horizontal transmission of sound through a suspended ceiling above adjacent rooms sharing a common ceiling plenum.

SOUND REDUCTION

A term used in relation to the vertical transmission of sound through a suspended ceiling.

NOISE REDUCTION COEFFICIENT, NRC

A single-number descriptor of random incidence sound absorption coefficients. Defined in ASTM C423 as the arithmetical average, to the nearest multiple of 0.05, of the measured sound absorption coefficients for the four one-third octave band centre frequencies of 250, 500, 1,000 and 2,000 Hz.

SABINE / EQUIVALENT ABSORPTION AREA (EAA)

A Sabine is a measure of the total sound absorption provided by discrete objects (canopies, screens, furniture, etc) when installed in an architectural space. Because these types of absorbers have more than one surface and may be irregular in form, it is not meaningful to assign sound absorption coefficients to them. Hence the Equivalent Absorption Area per unit (measured in Sabines) is preferred to characterise the absorption provided by an individual 'space absorber'.

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