SUSPENSION SYSTEMS CATALOGUE 2016

Inspiring Great Spaces™

Armstrong®
CEILING SYSTEMS

ARMSTRONG SUSPENSION SYSTEMS

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ARMSTRONG'S PHILOSOPHY

TOTAL CEILING SOLUTIONS

The suspension system product range forms an integral part of Armstrong's total ceiling solutions policy. Armstrong's extensive portfolio of ceiling systems provides solutions for all types of spaces in the widest choice of designs and materials to fulfill the requirements of modern building designs.

QUALITY

Armstrong suspension systems are manufactured by Armstrong's joint venture company WAVE (Worthington Armstrong Venture), utilising the expertise of the global steel specialists Worthington, and also through alliances with other companies regarded as specialists in their fields of engineering.
Armstrong operates on a global basis and brings world class practice and the most technologically advanced equipment to it's suspension systems manufacturing operations.

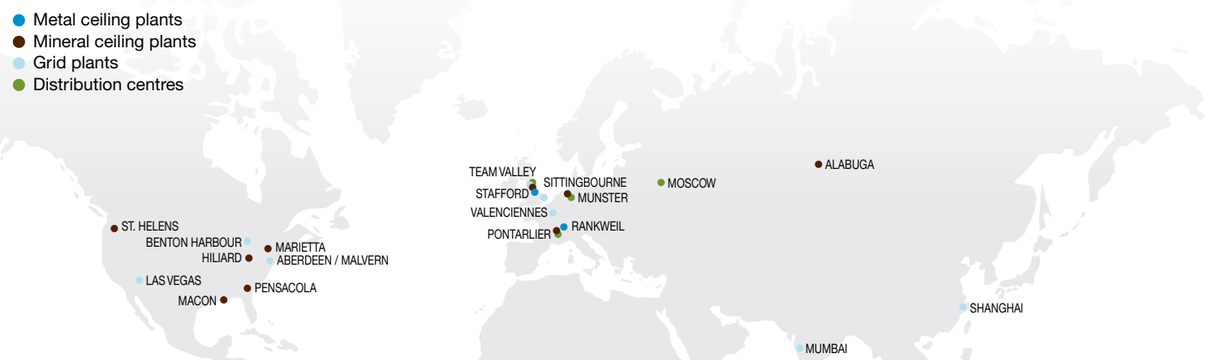
INTEGRATION

Our suspension systems are designed to not only coordinate with the complete portfolio of Armstrong ceiling products whether mineral, metal, mesh, wood or custom solutions, but to also integrate with all types of service elements including lighting and HVAC.

MANUFACTURING FOOTPRINT

Armstrong has three grid manufacturing locations in Europe, one in in India, one in China plus a further three in the USA, including Aberdeen, Maryland, which is one of the world's largest grid facilities.
Our global manufacturing footprint allows us to produce product close to market yet take advantage of specialist knowledge, product capabilities and manufacturing support from different production facilities.

In addition to our three European manufacturing plants, which are strategically located to serve all our European customers, Armstrong has numerous distribution centres where both tiles and grid are stocked. This allows our customers the convenience of mixed product shipments combining suspension systems with other Armstrong ceiling products and short lead-times for deliveries.



ARMSTRONG'S LIFE CYCLE APPROACH...

Queen Elizabeth University Hospital, Glasgow (UK)
Off-cut recycling project - 10 000 m² saved from landfill
Products: BIOGUARD Acoustic / DGS / AXIOM Profiles / AXIOM Transitions
Architect: IBI Group

...TO CEILING SYSTEMS

OUR LIFE-CYCLE APPROACH STARTS WITH DESIGN

DESIGN

- Design solutions for different requirements – exposed, concealed, monolithic, corridors, service integration, perimeter detailing....
- System compatibility between tile and grid
- Innovative grid design for stronger sections and ease of installation – patented stitching and Peakform sections

RETHINK PRODUCTS

- Re-use of waste materials and use of abundant and renewable raw materials
- Doing more with less - development of thin-gauge technology grid solutions
- C2C certified solutions
- High recycled content (HRC) solutions

MANUFACTURING

- Armstrong's global manufacturing base means that we have manufacturing facilities close to market, reducing lead-times and environmental impacts associated with transportation
- ISO 14001 certified manufacturing plants
- All process scrap is recycled

VOICE OF CUSTOMER

- Customer input is an extremely valuable part of our product innovation process and is central to our life-cycle approach
- Our regular voice of customer work sessions help develop the most innovative products and systems to meet your project needs

MAINTENANCE

- Intelligent product design to make maintenance easier
- Superlock clip for lateral removal and replacement
- Hot-dipped galvanising for durability and long life
- Thin-gauge technology means lighter carton weights for easier handling on site and for refurbishments

RECYCLE

- Armstrong's End-of-Life and Off-Cut ceiling recycling programmes take back any mineral ceiling tiles to make new ceiling tiles
- Metal tile and grid systems easily recycled using industry standard recycling schemes

INSTALLATION

- Intelligent product design for easier installation
- Stitching for torsional resistance
- Peakform section for strength and ease of cutting
- Pre-punched U-profile for quick setting out and installation
- Full range of accessories and perimeter solutions

WARRANTY

- A history of quality products backed up with:
- 15 year product warranty
- 30 year system warranty

THE SUSPENSION SYSTEMS RANGE

Armstrong suspension systems include a full range of solutions and detailing for all ceiling suspension requirements.

GENERAL APPLICATIONS

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 TLX or TL hook/butt cut Cross Tees or XL² stab/override Cross Tees from one simple inventory of Main Runners. The staked-on Superlock clip provides a tighter, secure bulb-to-bulb connection allowing Main Runners to be disconnected and reconnected laterally in low-clearance areas or in the middle of the room.

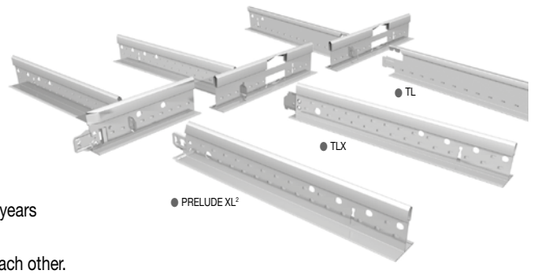
XL² Cross Tees – "Click" installation
Prelude XL² Cross Tees in 15mm, 24mm and 35mm widths feature an advanced stab system that locates with an audible click, ensuring a solid installation at all times.

TLX Cross Tees – "Hook" installation
TLX is a highly engineered staked-on hook solution with a patented clip. It's unique steel-based composite material and shape provide a stronger and level connection, improved fire performance and increased overall stability. Prelude TLX Cross Tees are available in 24mm width.

TL Cross Tees – "Hook" installation

Prelude TL Cross Tees in 15mm width feature an advanced an integrally formed hook nose.
This popular installation system has been a feature of Armstrong suspensions systems for over 20 years and its proven ease of assembly and precise butt cut joint has been a favourite of installers.

Alignment for XL², TLX and TL Cross Tees is ensured by locating the tees to the right hand side of each other.



DESIGNER GRID OPTIONS

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

Silhouette is designed to create a crisp, clean look in conjunction with 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 is a unique double reveal solution developed to allow flexibility of layout for creative ceiling solutions and give a clean sophisticated appearance with any Armstrong MicroLook tile.

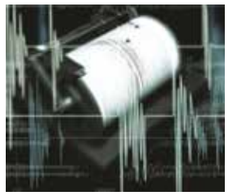
SPECIFIC APPLICATIONS & OTHER SYSTEMS

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

Clean Room 24 is a unique co-extrusion of aluminium with a pvc gasket to create a better seal between tile and grid for clean room applications up to ISO 4 and can also be used in "non-magnetic" environments.

Prelude 24 Corrosive Resistant has a special paint finish and is designed for areas requiring enhanced corrosion resistance. The Prelude 24 Corrosive Resistant grid and accessories have surpassed 700 hours salt spray testing to EN ISO 9227.

System Z is a system providing an accessible semi-concealed appearance with ship-lap SL2 planks. Select either Prelude 24 or Bandraster as the visible grid and choose a Z-Bar or a length of Prelude 24 Butt Cut as the concealed section.



Seismic Rx® is a specific installation method for Prelude 24 grid with XL² Cross Tees combined with specialist accessories. This system is tested to withstand the forces associated with significant seismic activity, or as required for buildings with higher security requirements such as nuclear/defence establishments or transportation hubs.

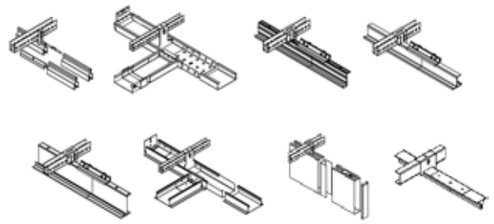
Seismic testing has been also conducted on U-Profile + J-Bar and U-Profile + DP12 A-Bar systems.

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.

SOLUTIONS FOR METAL CEILINGS

A range of suspensions systems specifically for metal ceilings built around the U-Profile primary grid with a wide selection of secondary carriers – DP12 A-Bar, C-Profile, J-Bar, H-Profile, L-Profile, Bandraster – to support different metal ceiling panels.
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.

The U-Profile system can also be used to set out the V-P 500 Baffles system, whilst the C-Channel primary grid is usually used for the Spring T system.



FLOATING SUSPENSION SOLUTIONS

The Armstrong range of floating ceiling solutions is extensive and varied. The full product offer can be found in our Floating Ceilings brochure.

Whilst some canopy products just require simple adjustable wires fixed directly to the back of the product, others are more detailed.

D-H 700 and D-Clip systems offer a configurable metal solution allowing designers flexibility to create bespoke ceiling rafts.

The Axiom Canopies range offers a choice of shapes, sizes and edge detailing and then you are free to choose your favourite Armstrong ceiling tile to compliment it.

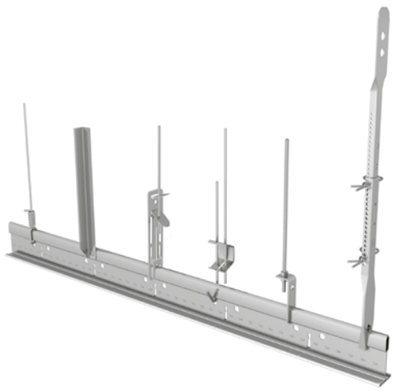
SOLUTIONS FOR CORRIDORS

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

PERIMETER SOLUTIONS AND DETAILING

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.

A FULL RANGE OF ACCESSORIES



THE SUSPENSION SYSTEMS RANGE

Standard colours

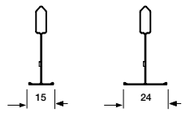
Armstrong suspension system components are manufactured in a range of colours and metal finishes including Global White to complement Armstrong ceiling tiles. For complete information call Armstrong Technical Sales.

	GLOBAL WHITE	SILVER GREY RAL 9006	BLACK	WHITE RAL9010	GLOBAL WHITE	BRASS	CHROME	WHITE RAL9010	GALVANISED	BLACK/WHITE
	Steel based capping				Other than Steel based					
Prelude 24	☐	▒	■	☐		▒	▒			
Prelude 15	☐	▒	■	☐		▒	▒			
Silhouette XL² 6mm	☐		■							◪
Silhouette XL² 3mm				☐						
Interlude HRC - XL²	☐									
Bandraster	☐			☐						
Prelude 35 & Prelude 35 Sixty² - XL²	☐		■						▒	
Prelude 24 Sixty²	☐	▒	■	☐		▒	▒			
Prelude 24 Corrosive Resistant					☐					
Clean Room 24					☐					
Axiom System					☐			☐		
C-Profile				☐						
L-Profile				☐						

Please contact Armstrong Technical Sales Group for further details.

Colour pallet

- Stimulate your imagination to create vibrant interior spaces using custom colour solutions.
- Choice of more than 180 custom colours upon request.
- Available for Prelude 15 and Prelude 24 and specific perimeter trims.



Colour Selection due to printing limitations, shade may vary from actual product.

1000	1001*	1002	1003	1004	1005	1006	1007*	1011	1012	1013*	1014	1015*	1016	1017	1018	1019*	1020	1021*	1023	1024
1027	1028	1032	1033	1034	2000*	2001	2002*	2003	2004*	2008	2009	2010	2012	3000*	3000*	3001	3002*	3003	3004	3005
3007	3009	3011	3012	3013	3014	3015	3016	3017	3018	3020	3022	3027	3031	4001	4002	4003	4004	4005	4006	4007
4008	4009	5000	5001	5002	5003*	5004	5005	5007	5008	5009*	5010*	5011	5012*	5013	5014	5015*	5017	5018	5019	5020
5021	5022	5024	6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011*	6012	6013	6014	6015	6016	6017
6018	6019	6020	6021	6022	6024	6025	6026	6027	6028	6029	6032	7000	7002	1000	7003	7004	7005	7006	7008	7009
7010	7011	7012*	7013	7015	7016*	7021*	7022	7023	7024	7026	7030*	7031*	7032*	7033	7034	7035*	7036	7037	7038*	7039
7040*	7042	7043	7044*	8000	8001	8002	8003	8004	8007	8008	8011	8012	8014*	8015	8016	8017	8019*	8022	8023	8024
8025	8028	9001*	9002*	9003*	9004	9005*	9010*	9011*	9016*	9017	9018*									

*Matt finish items are available as a special order.
RAL CLASSIC - Important notice: This ORIGINAL RAL colour chart (card) has gone through stringent quality testing by RAL. Only the use of the individual cards of the registers RAL 840-HR (semi matt finish) and RAL 841-GL (gloss finish) will guarantee a reliable manufacture and control of RAL Colours.

Product selector by edge detail compatibility

	AXIOM Transitions / Profiles	Silhouette - XL²	Interlude HRC - XL²	Prelude 15 - TL & TLX	Prelude 24 - XL²	Prelude 24 -TLX	Prelude 24 Sixty² - XL²	Prelude 35 - XL²	Clean Room 24	Prelude 24 CR	Bandraster	U-Profile + Bandraster	System Z	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																									
Vector	●				●		●																		
MicroLook 90	●	●	●	●																					
MicroLook	●		●	●																					
MicroLook BE	●	●	●	●																					
Tegular	●				●	●	●		●	●	●														
Board	●				●	●	●	●	●	●	●														
SL2	●										●		●												
Wood Lay-In																									
Wood Vector	●				●																				
Wood MicroLook 8	●	●	●	●																					
Wood Board	●					●																			
Wood Hook-On																									
Wood Concealed					●	●																			
Metal Lay-In																									
Metal Axal Vector	●				●		●																		
Metal MicroLook 8	●	●	●	●																					
Metal MicroLook 16	●			●																					
Metal Tegular 2	●					●				●															
Metal Tegular 8, 11F or 16	●				●	●	●		●	●															
Metal Board	●					●			●	●															
Metal Cellio				●																					
Metal B-L 302												●													
Metal R-L 201																				●					
Metal Clip-In																									
Metal Q-Clip, Q-Clip F	●															●									
Metal R-Clip, R-Clip F	●															●									
Metal S-Clip F	●															●									
Metal T-Clip F	●													●	●										
Metal D-Clip																●									
Metal F-Clip Access																									●
Metal Hook-On																									
Metal R-H 200																		●							
Metal R-H 215																			●						
Metal B-H 300	●																●								
Metal K-H 400																						●			
Metal D-H 700																					●				
Metal F-H 600																							●	●	
Metal Baffles																									
V-P 500																					●				

Technical icons

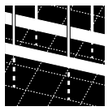
Peakform

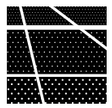
General Applications

Designer Grid

Specific Applications/ Healthcare Environments

Corridor


Primary Grid Systems


Metal Systems (Clip-in, Hook-On, Lay-In)

Perimeter Trim

Accessories

PRELUDE 15 - TL & XL²

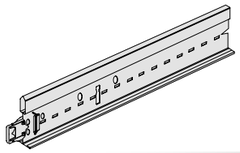
Exposed 15mm grid system

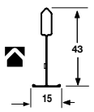
Key Attributes
- Peakform: patented design for strength, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Rotary stitched: strength and extra stability

Application area
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

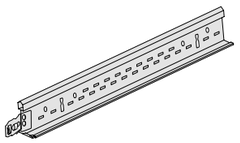
PRELUDE 15 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)

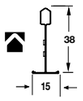




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
30 40 33 A(1)	3600	43	20	72,00	22,50	32
30 41 33 A(1)	3750	43	20	75,00	23,20	32
30 43 33 A	3375	43	20	67,50	22,50	32

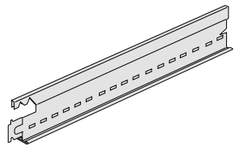
PRELUDE 15 - XL² PEAKFORM CROSS TEES (stab system, override)





Cross Tees slotted						
30 30 33 B(1)	1200	38	60	72,00	20,70	72
30 31 33 A	1250	38	60	75,00	21,50	72
30 32 33(2)	1000	38	60	60,00	17,20	72
Cross Tees unslotted						
30 20 33 B(1)	600	38	60	36,00	10,30	144
30 21 33 A	625	38	60	37,50	10,70	144
30 22 33(2)	500	38	60	30,00	8,60	144

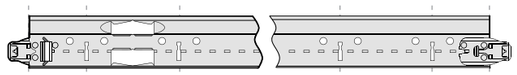
PRELUDE 15 - TL CROSS TEES (hook system, butt cut)



Cross Tees slotted						
10 34 33 B	1800	38	30	54,00	15,20	20
10 36 33 A	1500	38	30	45,00	14,00	20
10 33 33	1350	38	60	81,00	26,00	72
10 31 33 B(1)	1250	38	60	75,00	21,60	72
10 30 33 A(1)	1200	38	60	72,00	20,70	72
Cross Tees unslotted						
10 23 33	675	38	60	40,50	13,00	144
10 21 33 B(1)	625	38	60	37,50	10,70	144
10 20 33 A(1)	600	38	60	36,00	10,30	144
10 25 33	312,50	38	120	37,50	12,50	144
10 24 33 A	300	38	120	36,00	11,50	144
10 12 32	150	38	60	9,0	2,84	144

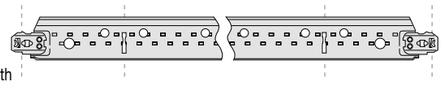
SECTION DRAWINGS

Prelude 15 - Universal Peakform Main Runners

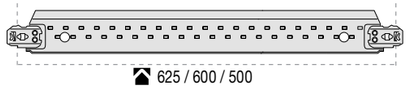


Length					
3750	78,125	156,25	21 x 156,25	156,25	78,125
3600	50	100	33 x 100	100	50
3375	337,5	675	2 x 675	675	337,5

Prelude 15 - XL² Peakform Cross Tees

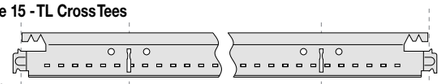


Length			
1250	312,5	2 x 312,5	312,5
1200	300	2 x 300	300
1000	250	2 x 250	250



625 / 600 / 500

Prelude 15 - TL Cross Tees



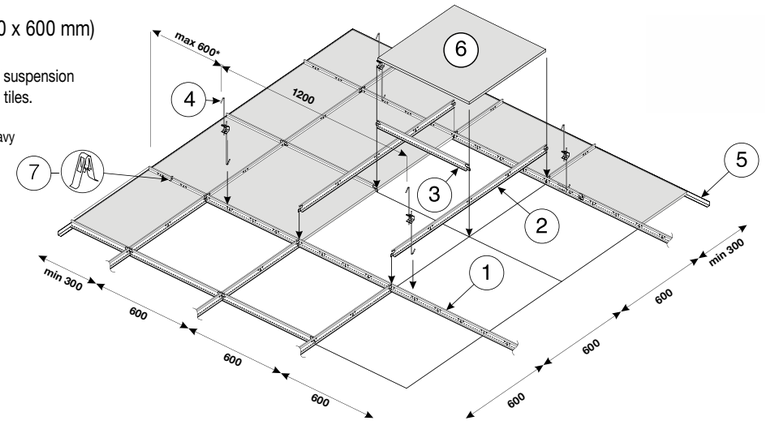
Length			
1800	300	4 x 300	300
1500	300	3 x 300	300
1350	337,5	2 x 337,5	337,5
1250	312,5	2 x 312,5	312,5
1200	300	2 x 300	300

675 / 625 / 600 / 312,5 / 300 /150

SYSTEM DRAWING (module 600 x 600 mm)

Standard lay-in installation of 15 mm exposed suspension system for MicroLook tiles and specific Board tiles.

*reduce to 450 if heavy tile / overlays are used or heavy service fittings are located near the perimeter.



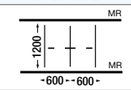
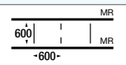
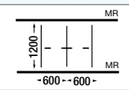
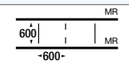
⑥ Tiles	Main Runner centres	Hangers centres	Quantities required per 1m² (no waste included) ① Main Runner	② Cross Tee 1200 mm	③ Cross Tee 600 mm	④ Hanger	⑦ Universal retaining clip
1200 x 600 mm 1,39 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	-	0,70 pcs	5,56 pcs
	600 mm	1200 mm	1,67 lm	-	0,84 lm	1,40 pcs	
600 x 600 mm 2,78 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	0,84 lm	0,70 pcs	
	600 mm	1200 mm	1,67 lm	-	1,67 lm	1,40 pcs	

⑤ Perimeter trim approx. 0,70 lm/m²

The chart is for general guidance only.

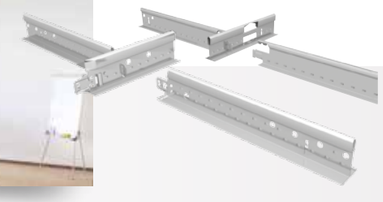
GRID LOAD CAPACITIES

Prelude 15 System
The following table gives the maximum permitted hanger distance (mm) along the Peakform Main Runner (30 40 33 A) for the tile weights and Main Runner spacings noted.

	Prelude 15 Main Runner - 30 40 33 A			
Main Runner centres (mm)	1200	600	1200	600
Cross Tee(s)	30 30 33 B 30 20 33 B	30 20 33 B	10 30 33 A 10 20 33 A	10 20 33 A
Configuration (Main Runner horizontal)				
Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)			
2,5 kg/m²	1900	2100	1900	2100
3,0 kg/m²	1800	2100	1800	2100
3,5 kg/m²	1750	2100	1750	2100
4,0 kg/m²	1650	2050	1650	2050
5,0 kg/m²	1550	2000	1550	2000
5,5 kg/m²	1550	1950	1550	1950
6,0 kg/m²	1500	1900	1500	1900
7,0 kg/m²	1400	1800	1400	1800
8,5 kg/m²	1300	1700	1300	1700
10,5 kg/m²	1150	1600	1150	1600
13,0 kg/m²	1050	1500	1050	1500
14,0 kg/m²	-	-	1000	1450

- Values in the above table conform to Class 1 as defined in EN 13964:2004 +A1:2006 table 6.
  For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

All products standard in Global White. Other standard colours available for item numbers with index (1) or (2). See details below.
(1) Colours available : Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE), White RAL 9010 (WR).
(2) Also available in RAL 9010 (WR).
Cross Tee alignment is achieved by locating the tees to the right-hand side of the adjoining section.
All measurements in millimetres. All sizes are nominal.



Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PRELUDE 24 - TLX

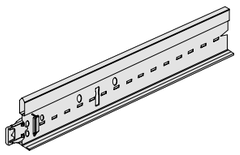
Exposed 24mm grid system

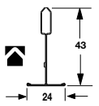
Key Attributes
- Peakform: patented design for strength, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Unique steel based TLX composite clip for strength, fire performance and better alignment
- Rotary stitched: strength and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

Application area
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

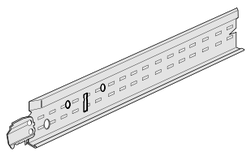
PRELUDE 24 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)

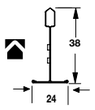


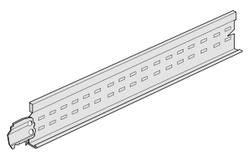


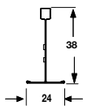
Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
31 40 32 A(1)	3600	43	20	72,00	21,00	30
31 41 33 B(1)	3750	43	20	75,00	21,90	30
31 43 33 A	3375	43	20	67,50	20,00	30
31 42 32	3000	43	20	60,00	17,50	30

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









Cross Tees slotted

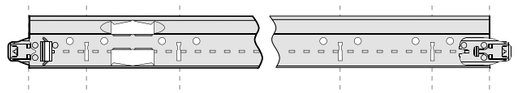
13 31 31(1)	1250	38	60	75,00	18,90	72
13 30 31(1)	1200	38	60	72,00	18,10	72
13 10 32	1875	38	60	56,20	17,80	20
13 34 32	1800	38	60	54,00	17,10	20
13 50 32	1724	38	60	51,70	16,50	20
13 36 32	1500	38	60	45,00	14,50	20
13 33 31	1350	38	60	81,00	19,60	20
13 32 32	1000	38	60	60,00	19,40	72

Cross Tees unslotted

13 18 31	900	38	60	54,00	13,60	72
13 16 31	750	38	60	45,00	11,40	72
13 21 31	625	38	60	37,50	9,50	144
13 20 31(1)	600	38	60	36,00	9,10	144
13 23 31	675	38	60	40,50	8,70	144
13 22 32	500	38	60	30,00	9,70	80

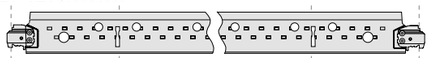
SECTION DRAWINGS

Prelude 24 - Universal Peakform Main Runners

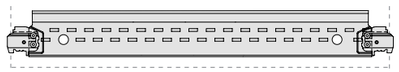


Length					
3750	78,125	156,25	21 x 156,25	156,25	78,125
3600	50	100	33 x 100	100	50
3375	337,5	675	2 x 675	675	337,5
3000	50	100	27 x 100	100	50

Prelude 24 - TLX Cross Tees



Length			
1875	312,5	4 x 312,5	312,5
1800	300	4 x 300	300
1724	262	4 x 300	262
1500	150	350 / 2 x 250 / 350	150
1350	337,5	2 x 337,5	337,5
1250	312,5	2 x 312,5	312,5
1200	300	2 x 300	300
1000	250	2 x 250	250

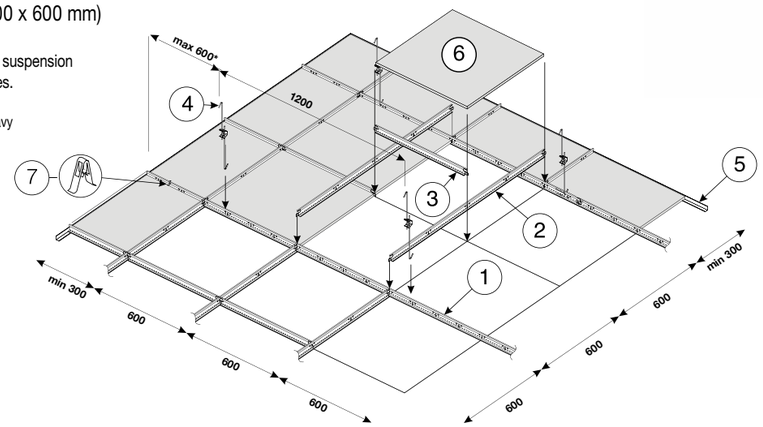


900 / 750 / 675 / 625 / 600 / 500

SYSTEM DRAWING (module 1200 x 600 mm)

Standard lay-in installation of 24 mm exposed suspension system using Board, Tegular or Vector edge tiles.

*reduce to 450 if heavy tile / overlays are used or heavy service fittings are located near the perimeter.



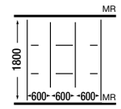
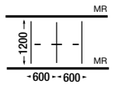
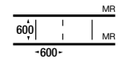
⑥ Tiles	Main Runner centres	Hangers centres	Quantities required per 1m² (no waste included) ① Main Runner	② Cross Tee 1200 mm	③ Cross Tee 600 mm	④ Hanger	⑦ Universal retaining clip
1200 x 600 mm 1,39 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	-	0,70 pcs	5,56 pcs
	600 mm	1200 mm	1,67 lm	-	0,84 lm	1,40 pcs	
600 x 600 mm 2,78 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	0,84 lm	0,70 pcs	
	600 mm	1200 mm	1,67 lm	-	1,67 lm	1,40 pcs	

⑤ Perimeter trim approx. 0,70 lm/m²

The chart is for general guidance only.

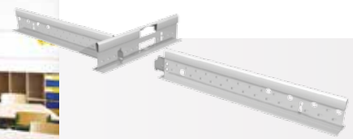
GRID LOAD CAPACITIES

Prelude 24 - TLX
The following table gives the maximum permitted hanger distance (mm) along the Peakform Main Runner for the tile weights and Main Runner spacings noted.

Prelude 24 Main Runner - 31 40 32 A			
Main Runner centres (mm)	1800	1200	600
Cross Tee(s)	13 34 32 13 20 31	13 30 31 13 20 31	13 20 31
Configuration (Main Runner horizontal)			

Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)		
2,5 kg/m²	1650	1900	2100
3,0 kg/m²	1600	1800	2100
3,5 kg/m²	1500	1750	2100
4,0 kg/m²	1450	1650	2050
5,0 kg/m²	1350	1550	2000
5,5 kg/m²	1350	1550	1950
6,0 kg/m²	1250	1500	1900
7,0 kg/m²	-	1400	1800
8,5 kg/m²	-	1300	1700
10,5 kg/m²	-	1200	1600
13,0 kg/m²	-	1050	1500
14,0 kg/m²	-	1000	1450

- Values in the above table conform to Class 1 as defined in EN 13964:2004 +A1:2006 table 6. For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.



All products standard in Global White. Other standard colours available for item numbers with index (1) or (2). See details below.
(1) Colours available : Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE) and White RAL 9010 (WR).
Cross Tee alignment is achieved by locating the tees to the right-hand side of the adjoining section.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PRELUDE 24 - XL²

Exposed 24mm grid system

Key Attributes

- 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

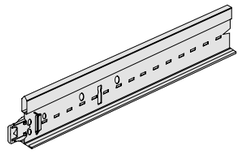
Application area

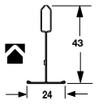
Classrooms / Meeting rooms / Individual offices

Physical data

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

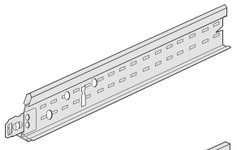
PRELUDE 24 - UNIVERSAL PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)

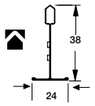




Item Nr.	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
31 40 32 A(1)	3600	43	20	72,00	21,00	30
31 41 33 B(1)	3750	43	20	75,00	21,90	30
31 43 33 A	3375	43	20	67,50	20,00	30
31 42 32	3000	43	20	60,00	17,50	30

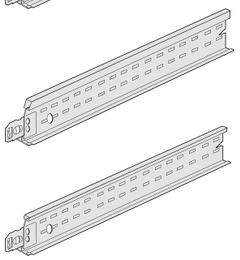
PRELUDE 24 - XL² CROSS TEES (stab system, override)

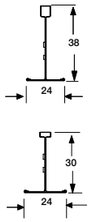




Cross Tees slotted

31 33 31	1350	38	60	81,00	17,20	20
31 31 51 B (1)	1250	38	60	75,00	18,90	72
31 30 51 B(1)	1200	38	60	72,00	18,20	72
31 32 31(2)	1000	38	60	60,00	15,10	42
31 34 31 A	1800	38	30	54,00	17,00	20



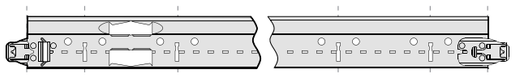


Cross Tees unslotted

31 16 32	750	38	60	45,00	14,70	72
31 25 32	312,5	38	60	18,75	4,60	144
31 24 32	300	38	60	18,00	4,60	144
31 23 21	675	30	60	40,50	7,70	144
31 21 23 A(1)	625	30	60	37,50	8,60	144
31 20 21 A(1)	600	30	60	36,00	8,20	144
31 22 21(2)	500	30	60	30,00	6,80	84

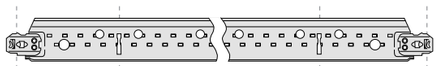
SECTION DRAWINGS

Prelude 24 - Universal Peakform Main Runners

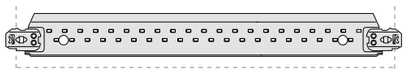


Length					
3750	78,125	156,25	21 x 156,25	156,25	78,125
3600	50	100	33 x 100	100	50
3375	337,5	675	2 x 675	675	337,5
3000	50	100	27 x 100	100	50

Prelude 24 - XL² Cross Tees



Length			
1800	300	4 x 300	300
1350	337,5	2 x 337,5	337,5
1250	312,5	2 x 312,5	312,5
1200	300	2 x 300	300
1000	250	2 x 250	250

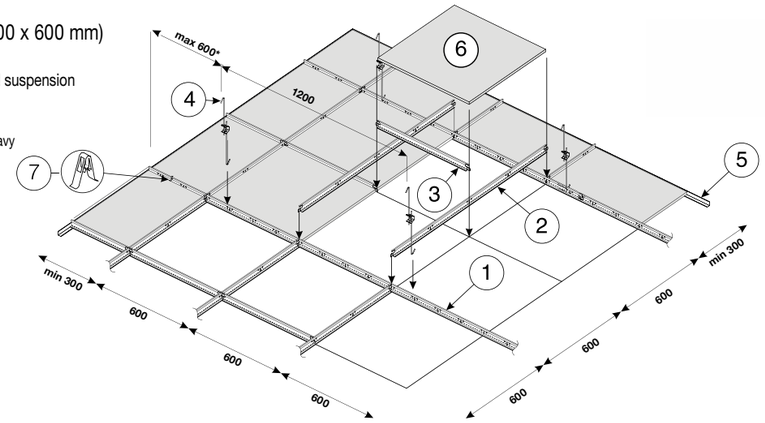


750 / 675 / 625 / 600 / 500 / 312.50 / 300

SYSTEM DRAWING (module 1200 x 600 mm)

Standard lay-in installation of 24 mm exposed suspension system using Board, Tegular or Vector tiles.

*reduce to 450 if heavy tile / overlays are used or heavy service fittings are located near the perimeter.



⑥ Tiles	Main Runner centres	Hangers centres	Quantities required per 1m² (no waste included) ① Main Runner	② Cross Tee 1200 mm	③ Cross Tee 600 mm	④ Hanger	⑦ Universal retaining clip
1200 x 600 mm 1,39 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	-	0,70 pcs	5,56 pcs
	600 mm	1200 mm	1,67 lm	-	0,84 lm	1,40 pcs	
600 x 600 mm 2,78 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	0,84 lm	0,70 pcs	
	600 mm	1200 mm	1,67 lm	-	1,67 lm	1,40 pcs	

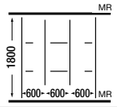
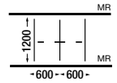
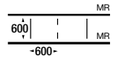
⑤ Perimeter trim approx. 0,70 lm/m²

The chart is for general guidance only.

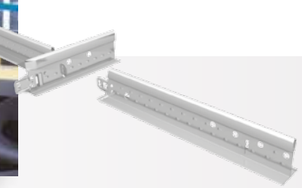
GRID LOAD CAPACITIES

Prelude 24 - XL²

The following table gives the maximum permitted hanger distance (mm) along the Peakform Main Runner for the tile weights and Main Runner spacings noted.

	Prelude 24 Main Runner - 31 40 32 A		
Main Runner centres (mm)	1800	1200	600
Cross Tee(s)	31 34 31 A 31 20 21 A	31 30 51 B 31 20 21 A	31 20 21 A
Configuration (Main Runner horizontal)			
Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)		
2,5 kg/m²	1650	1900	2100
3,0 kg/m²	1600	1800	2100
3,5 kg/m²	1500	1750	2100
4,0 kg/m²	1450	1700	2100
5,0 kg/m²	1350	1600	2000
5,5 kg/m²	1350	1550	1950
6,0 kg/m²	1250	1500	1900
7,0 kg/m²	-	1450	1800
8,5 kg/m²	-	1300	1700
10,5 kg/m²	-	1200	1600
13,0 kg/m²	-	1050	1500
14,0 kg/m²	-	1000	1450

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6. For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.



All products standard in Global White. Other standard colours available for item numbers with index (1) or (2). See details below.
(1) Colours available : Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE), White RAL 9010 (WR).
(2) Also available in RAL 9010 (WR).
Cross Tee alignment is achieved by locating the tees to the right-hand side of the adjoining section.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

PRELUDE 24 SIXTY²

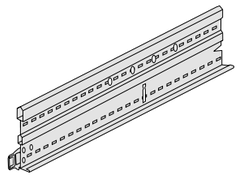
Taller exposed 24mm grid system for longer spanning capability

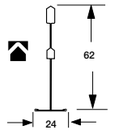
Key Attributes
- Double Peakform: patented design for longer spans, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Compatible with Prelude 24 Sixty² XL² Cross Tees and Prelude 24 TLX & XL² Cross Tees
- Rotary stitched: strength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

Application area
Circulation areas / Buildings with limited suspension points

Physical data
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White

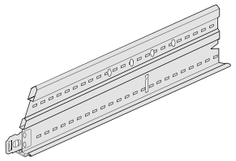
PRELUDE 24 SIXTY² - UNIVERSAL DOUBLE PEAKFORM MAIN RUNNER WITH SUPERLOCK CLIP (bulb-to-bulb connection)

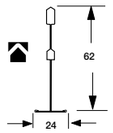




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
40 40 93 G(1)	3600	62	12	43,20	21,90	36
40 41 93 G(1)	3750	62	12	45,00	22,80	36
40 43 93 G(1)	3375	62	12	40,50	20,60	36

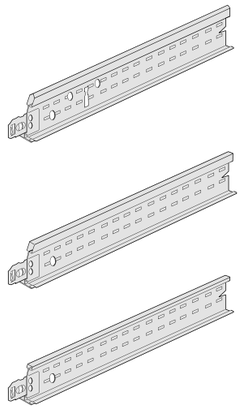
PRELUDE 24 SIXTY² - CROSS TEES (stab system, override)

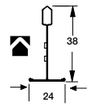


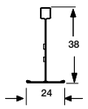


Cross Tees slotted at 300mm						
40 09 93(1)	2400	62	20	48	22,90	20
40 34 93(1)	1800	62	20	36	17,15	20

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



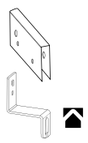




Cross Tees slotted						
31 33 31	1350	38	60	81,00	17,20	20
31 31 51 B (1)	1250	38	60	75,00	18,90	72
31 30 51 B(1)	1200	38	60	72,00	18,20	72
31 32 31(2)	1000	38	60	60,00	15,10	42
31 34 31 A	1800	38	30	54,00	17,00	20

Cross Tees unslotted						
31 16 32	750	38	60	45,00	14,70	72
31 25 32	312,5	38	60	18,75	4,60	144
31 24 32	300	38	60	18,00	4,60	144
31 23 21	675	30	60	40,50	7,70	144
31 21 23 A(1)	625	30	60	37,50	8,60	144
31 20 21 A(1)	600	30	60	36,00	8,20	144
31 22 21(2)	500	30	60	30,00	6,80	84

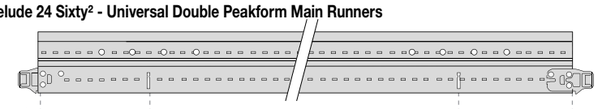
ACCESSORIES



Item Nr.	Description	Dimensions length (mm)	height (mm)	Content / Carton pcs	Weight / Carton kg
A 401 G	Top Connector Clip accessory for Prelude Sixty² (Included in the carton)	-	-	-	-
A WDN 23 G	Double bent tee bar hanger	57	36	100	2,30

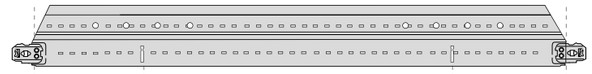
SECTION DRAWINGS

Prelude 24 Sixty² - Universal Double Peakform Main Runners



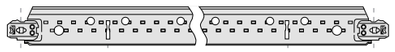
Length			
3750	156,25	11 x 312,5	156,25
3600	150	11 x 300	150
3375	168,75	9 x 337,5	168,75

Prelude 24 Sixty² - Cross Tees



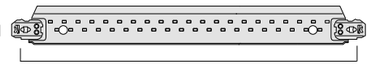
Length			
2400	300	6 x 300	300
1800	300	4 x 300	300

Prelude 24 - XL² Cross Tees



Length			
1800	300	4 x 300	300
1350	337,5	2 x 337,5	337,5
1250	312,5	2 x 312,5	312,5
1200	300	2 x 300	300
1000	250	2 x 250	250

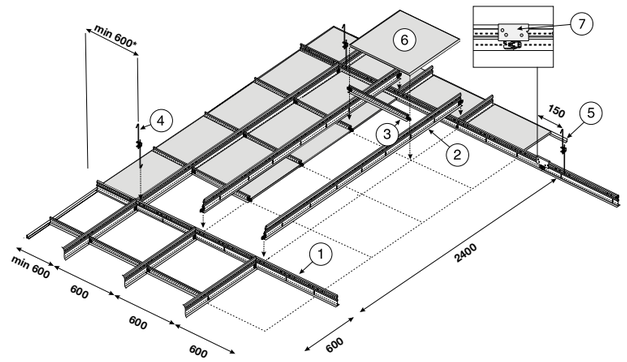
Prelude 24 - XL² Cross Tees



750 / 675 / 625 / 600 / 500 / 312,50 / 300

SYSTEM DRAWING (module 2400 x 600 mm)

① Main Runner
② Cross Tee 2400 mm
③ Cross Tee 600 mm
④ Hanger
⑤ Perimeter Trim
⑥ Tile
⑦ Top Connector Clip (TCC)



⑥ Tiles	Main Runner centres	Quantities required per 1m² (no waste included)				
		① Main Runner	② Cross Tee 2400 mm	② Cross Tee 1800 mm	② Cross Tee 1200 mm	③ Cross Tee 600 mm
600 x 600 mm	2400 mm	0,42 lm	1,67 lm	-	-	1,25 lm
	1800 mm	0,56 lm	-	1,67 lm	-	1,11 lm
	1200 mm	0,84 lm	-	-	1,67 lm	1,84 lm
	600 mm	1,67 lm	-	-	-	1,67 lm

⑤ Perimeter trim approx. 0,70 lm/m²

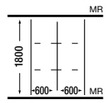
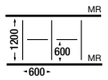
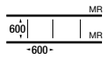
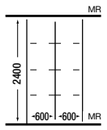
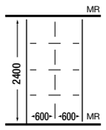
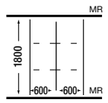
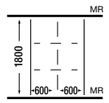
The chart is for general guidance only.

All products standard in Global White. Other standard colours available for item numbers with index (1), (2) or (3). See details below.
(1) Also available in RAL 9010 (WR), RAL 9006 (SG) and Black (BK).
(2) Colours available : Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE), White RAL 9010 (WR).
(3) Also available in RAL 9010 (WR).
All measurements in millimetres. All sizes are nominal.

PRELUDE 24 SIXTY²

GRID LOAD CAPACITIES

Prelude 24 Sixty² System
The following table gives the maximum permitted hanger distance (mm) along the double Peakform Main Runner (40 40 93 G) for the tile weights and Main Runner spacings noted.

	Prelude 24 XL² - Cross Tees			Prelude 24 Sixty² - Cross Tees			
Main Runner centres (mm)	1800	1200	600	2400	2400	1800	1800
Cross Tee(s)	31 34 31 A 31 20 21 A	31 30 51 B 31 20 21 A	31 20 21 A	40 09 93 31 20 21 A	40 09 93 31 30 51 B 31 20 21 A	40 34 93 31 20 21 A	40 34 93 31 30 51 B 31 20 21 A
Configuration (Main Runner horizontal)							

Weight of ceiling tile (kg/m2)	Maximum suspension spacing along Main Runner (mm)						
2,5 kg/m²	2250	2400	2400	2100	2150	2250	2300
3,0 kg/m²	2200	2400	2400	2050	2050	2200	2200
3,5 kg/m²	2150	2350	2400	2000	2000	2150	2150
4,0 kg/m²	2050	2300	2400	1900	-	2050	2100
5,0 kg/m²	2000	2200	2400	1750	-	2000	2000
5,5 kg/m²	1900	2150	2400	1650	-	1900	1900
6,0 kg/m²	1850	2100	2400	1600	-	1850	1850
7,0 kg/m²	-	2050	2400	1500	-	1700	1700
7,5 kg/m²	-	2000	2350	1400	-	1650	1650
8,5 kg/m²	-	1900	2300	-	-	1550	1550
9,5 kg/m²	-	1800	2250	-	-	1450	1450
10,5 kg/m²	-	1700	2200	-	-	1400	-
13,0 kg/m²	-	1550	2100	-	-	1250	-

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6.
  For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

All products standard in Global White. Other standard colours available for item numbers with index (1), (2) or (3).
See details below.
(1) Also available in RAL 9010 (WR), RAL 9006 (SG) and Black (BK).
(2) Colours available : Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE), White RAL 9010 (WR).
(3) Also available in RAL 9010 (WR).
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PRELUDE 24 SIXTY² CORRIDOR

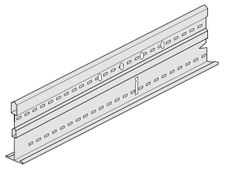
Taller exposed 24mm grid system for corridor installations

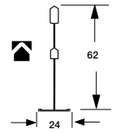
Key Attributes
- Double Peakform: patented design for longer spans, stability and easier to cut
- Double bent tee bar hanger for stability / improved loadbearing performance
- Compatible with Prelude 24 TLX & XL² Cross Tees for tile installations
- Rotary stitched: strength and extra stability

Application area
Circulation areas

Physical data
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White

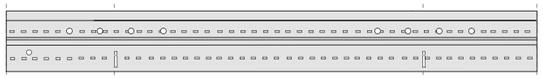
PRELUDE 24 SIXTY² BUTT CUT





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 TLX and XL² Cross Tees.
Special length and modulation made to order, with and without slots, please contact your **local Armstrong Technical Sales team.**

PRELUDE 24 SIXTY² butt cut



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

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

ACCESSORIES

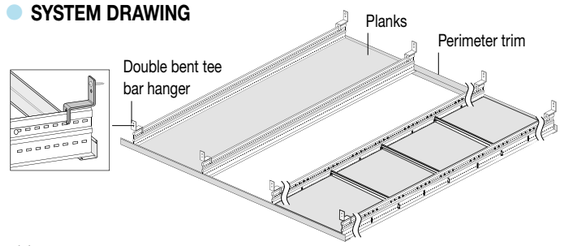
Item Nr.	Description	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Weight / Carton kg
A WDN 23 G	Double bent tee bar hanger	57	36	100	2,30

GRID LOAD CAPACITIES

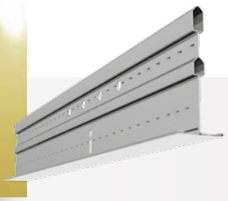
	Span in mm - Load capacities in kg/m²															
	Spacing (mm)	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
Prelude 24 Sixty² Butt cut	**300**	37,2	32,8	29,1	25,9	23,2	20,9	18,9	17,2	15,6	14,3	13,1	11,8	10,00	8,5	7,1
	600	18,6	16,4	14,5	13,1	11,6	10,5	9,5	8,6	7,8	7,1	6,5	5,9	5,0	4,2	3,5
	1200	9,3	8,2	7,3	6,5	5,8	5,2	4,7	4,3	3,9	3,5	3,2	-	-	-	-

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6.
  For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

SYSTEM DRAWING



All products standard in Global White.
All measurements in millimetres. All sizes are nominal.



Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PRELUDE 35 & PRELUDE 35 SIXTY² - XL²

Exposed 35mm grid systems

Key Attributes

- 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

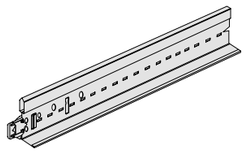
Application area

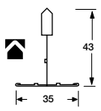
Retail outlets / Industrial manufacturing / Circulation areas

Physical data

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

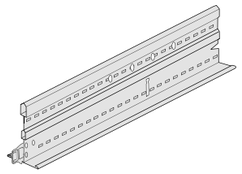
PRELUDE 35 - PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)

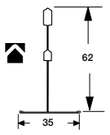




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
24 40 42(1)	3600	43	16	57,60	22,20	20

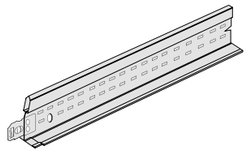
PRELUDE 35 SIXTY² - DOUBLE PEAKFORM MAIN RUNNER & SUPERLOCK CLIP (bulb-to-bulb connection)

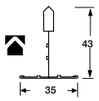




24 48 93(1)	3500	62	12	42,00	22,50	20
24 40 93(1)	3600	62	12	43,20	23,00	20

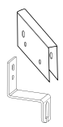
PRELUDE 35 - XL² PEAKFORM CROSS TEES (stab system, override)





24 06 42(1)	1990	43	16	31,80	12,30	20
24 34 42(1)	1800	43	16	31,80	12,30	20
24 36 42(1)	1500	43	32	48,00	16,60	20
24 30 42(1)	1200	43	36	43,20	14,90	60
24 20 42(1)	600	43	36	21,60	7,50	120

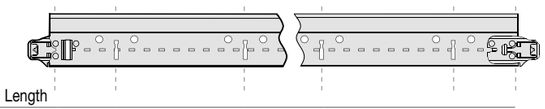
ACCESSORIES



Item Nr.	Description	Dimensions length (mm)	height (mm)	Content / Carton pcs	Weight / Carton kg
A 401 G	Top Connector Clip accessory for Prelude Sixty² (Included in the carton)	-	-	-	-
A WDN 23 G	Double bent tee bar hanger	57	36	100	2,30

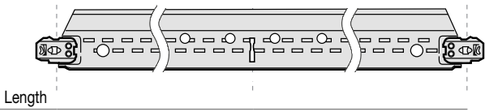
SECTION DRAWINGS

Prelude 35 - Peakform Main Runner



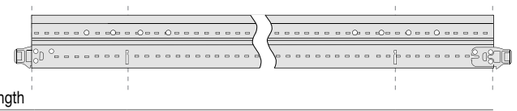
Length					
3600	50	100	33 x 100	100	50

Prelude 35 - XL² Cross Tees

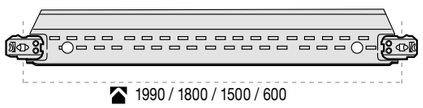


Length		
1200	600	600

Prelude 35 Sixty² - Double Peakform Main Runners



Length			
3600	150	11 x 300	150
3500	250	6 x 500	250

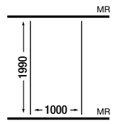
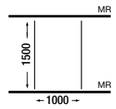
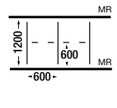
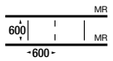
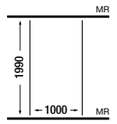
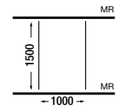
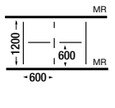
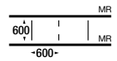


1990 / 1800 / 1500 / 600

GRID LOAD CAPACITIES

Prelude 35 & Prelude 35 Sixty² System

The following table gives the maximum permitted hanger distance (mm) along the Main Runners for the tile weights and Main Runner spacings noted.

	Prelude 35 Main Runner - 24 40 42				Prelude 35 Sixty² Main runner - 24 40 93			
Main Runner centres (mm)	1990	1500	1200	600	1990	1500	1200	600
Cross Tee(s)	24 06 42	24 36 42	24 30 42 24 20 42	24 20 42	24 06 42	24 36 42	24 30 42 24 20 42	24 20 42
Configuration (Main Runner horizontal)								
Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)							
2,5	1700	1900	1900	2000	2400	2400	2400	2400
3,0	1600	1800	1850	2000	2200	2400	2400	2400
3,5	1550	1700	1750	2000	2050	2350	2400	2400
4,0	-	1650	1700	2000	-	2200	2400	2400
4,5	-	1600	1650	2000	-	2100	2300	2400
5,0	-	1550	1600	2000	-	2000	2200	2400
5,5	-	1500	1550	1950	-	1900	2100	2400
6,0	-	1400	1500	1900	-	1800	2000	2400
6,5	-	1350	1500	1900	-	1750	1950	2400
7,0	-	1300	1450	1850	-	1700	1900	2400
8,0	-	1250	1400	1750	-	1600	1750	2400
9,0	-	-	1300	1700	-	-	1650	2300
10,0	-	-	1250	1650	-	-	1600	2200
12,0	-	-	1150	1550	-	-	1450	2000
14,0	-	-	1050	1450	-	-	1350	1900

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6. For other classes /deflection limits please contact us.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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), taking in consideration the bending moment.
- 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, please contact us.
- The above loading figures are calculated and based upon the use of the bent and quick suspension hangers family range.

All standard products in Global White.
(1) Also available in Black (BK) and Galvanised (UP). Cross Tee alignment is achieved by locating the tees to the right-hand side of the adjoining section. All dimensions in millimetres. All sizes are nominal. Straight cut bar length Prelude 35 Sixty² are available on special request.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

BANDRASTER

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

Key Attributes

- Unslotted Bandraster for mineral plank installation or Metal B-L 302 system
- Slotted Bandraster for tile installation using standard Prelude 24 Cross Tees (or custom Prelude 15 TL Cross Tees)
- Special slot spacing possible (minimum 50mm spacing)
- Tartan layouts easily constructed using cross connectors

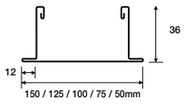
Application area

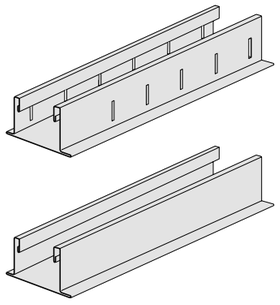
Open plan office / Individual offices

Physical data

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

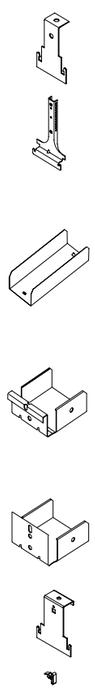
BANDRASTER SYSTEMS





Item Nr.	Dimensions length (mm)	width (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
Slotted at 312.50 mm (1)						
36 2100 B	3750	100	8	30,00	32,60	16
Slotted at 100 mm (1)						
36 3050	3600	50	8	28,80	24,00	28
36 3075	3600	75	8	28,80	27,70	20
36 3100*	3600	100	8	28,80	31,40	16
36 3125	3600	125	8	28,80	38,30	12
36 3150	3600	150	4	14,40	21,20	20
Unslotted (2)						
36 0050 A	3600	50	8	28,80	24,00	28
36 0075 A	3600	75	8	28,80	27,70	20
36 0100 A*	3600	100	8	28,80	31,40	16
36 0125 A	3600	125	8	28,80	38,30	12
36 0150	3600	150	4	14,40	21,20	20
M215540**	3600	100	8	28,80	31,40	16

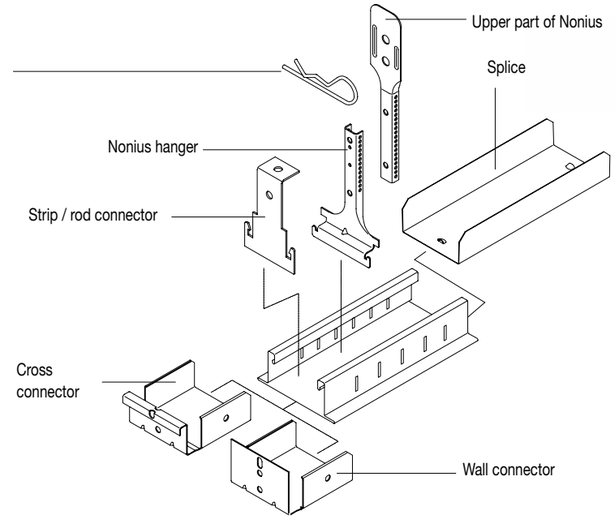
ACCESSORIES



Item Nr.	Description	Dimensions width (mm)	Content / Carton pcs	Weight / Carton kg
A 36 0501	Strip / rod connector	50	50	1,20
A 36 0751	‘’	75	50	1,50
A 36 1001	‘’	100	50	1,80
A 36 0502 G	Nonius hanger	50	100	5,80
A 36 0752 G	‘’	75	100	8,10
A 36 1002 G	‘’	100	100	11,00
A 36 1252 G	‘’	125	100	12,50
A 36 1502 G	‘’	150	100	15,00
A 36 0503 G	Splice	50	100	8,00
A 36 0753 G	‘’	75	100	8,30
A 36 1003 G	‘’	100	100	14,00
A 36 1253 G	‘’	125	100	17,00
A 36 1503 G	‘’	150	100	19,50
A 36 0504 G	Cross connector	50	100	5,80
A 36 0754 G	‘’	75	100	8,10
A 36 1004 G	‘’	100	100	11,00
A 36 1254 G	‘’	125	100	12,50
A 36 1504 G	‘’	150	50	7,50
A 36 0505 G	Wall connector	50	100	5,80
A 36 0755 G	‘’	75	100	8,10
A 36 1005 G	‘’	100	100	11,00
A 36 1255 G	‘’	125	100	12,50
A 36 1505 G	‘’	150	50	7,50
M311549D	Hanger for Bandraster 100 mm	86 x 74 x 24	100	6,6
M300120	Plug-in clip	20 x 21 x 6	100	0,2

SYSTEM DRAWING

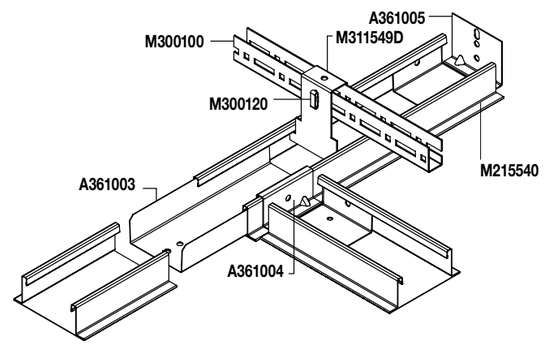
Pin to connect bottom and upper part of Nonius **A 10229 G**
(It is recommended to use 2 pins to connect bottom & upper part of Nonius)

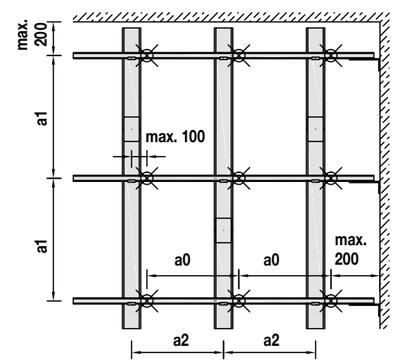


- Values in the table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6. For other classes /deflection limits please contact us.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 clause 5.
- Values are applicable for the 7 planks systems described assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span), taking in consideration the bending moment.
- 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, please contact us.

		Prelude 24				Z-Bar		
	Centres (mm)	1800	1724	1500	1200	2500	1800	1500
	Cross Tee(s)	13 34 32	13 50 32	13 36 32	13 30 31	CZ 41 795 J	CZ 41 794 J	CZ 41 494 J
	Spacing (mm)	300	300	600	600	300	300	300
Bandraster 50 to 150 mm Suspension Spacing	1000	16,2	18,6	13,4	15,2	10,2	15,4	22,7
	1200	12,9	13,5	13,4	15,2	9,3	12,9	15,5
	1500	7,5	7,9	9,7	12,1	4,6	7,4	9,2

SYSTEM DRAWING WITH U-PROFILE SYSTEM FOR METAL CEILING





For more information, see the U-profile system on pages 38 to 41.

SPACING PARAMETERS

| | | | | | |

SYSTEM Z PRELUDE 24 / BANDRASTER / CORRIDOR

Components for concealed / semi-concealed plank systems

Key Attributes

- Z-Bar or Prelude 24 Butt Cut for a monolithic visual in corridor installations
- Installed with Prelude 24 or Bandraster for semi-concealed appearance in room installations
- Accessible system with SL2 planks

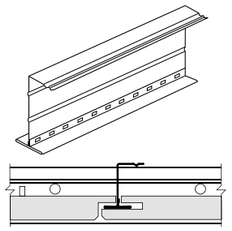
Application area

Retail outlets / Industrial manufacturing / Circulation areas

Physical data

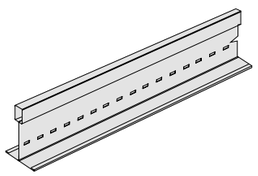
- Material: galvanised steel
- Surface finish: galvanised / Baked polyester paint
- Colour: n/a (Z-Bar) / Global White (Prelude 24 Butt Cut)

SEMI-CONCEALED

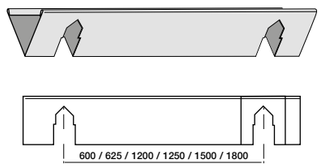


Item Nr.	Description	Dimensions length (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
CZ 41 494 J	Z-Bar 30,5 mm	1500	20	30,00	10,20
CZ 41 794 J	Z-Bar 30,5 mm	1800	20	36,00	12,30
CZ 41 795 J	Z-Bar 66,5 mm	2500	10	25,00	12,10

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	38	45,00	14,50
CB 31 34 32	Prelude 24 Butt Cut	1800	38	54,00	16,90



C 180 L 600	Spacer Bar	600	50	30,00	5,40
C 180 L 625	‘’	625	50	31,25	5,60
C 180 L 1200	‘’	1200	50	60,00	10,60
C 180 L 1250	‘’	1250	50	61,25	11,00
C 180 L 1500	‘’	1500	50	75,00	13,20
C 180 L 1800	‘’	1800	50	90,00	9,50

Spacer bar lengths for different distances between main runners or Bandrasters are available on request, with min. 300 mm - max 2500 mm length.

GRID LOAD CAPACITIES

The following table gives the maximum permitted load capacity of the tile weights in kg/m² along the different profiles for the spacings noted.

Item Nr.	Length	Spacing ≤ 300mm	Spacing ≤ 450mm	Spacing ≤ 600mm
Z-Bars				
CZ 41 494 J	1500 mm	16,1	10,7	8,1
CZ 41 794 J	1800 mm	10,8	7,2	5,4
CZ 41 795 J	2500 mm	14,0	9,3	7,0
Prelude 24 Butt Cut				
CB 31 36 32	1500 mm	26,9	17,9	13,4
CB 31 34 32	1800 mm	13,2	10,8	8,1

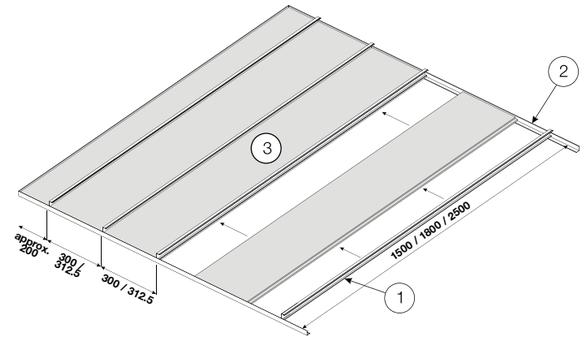
1) No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc are permitted.

2) No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustics, 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.

SYSTEM DRAWING

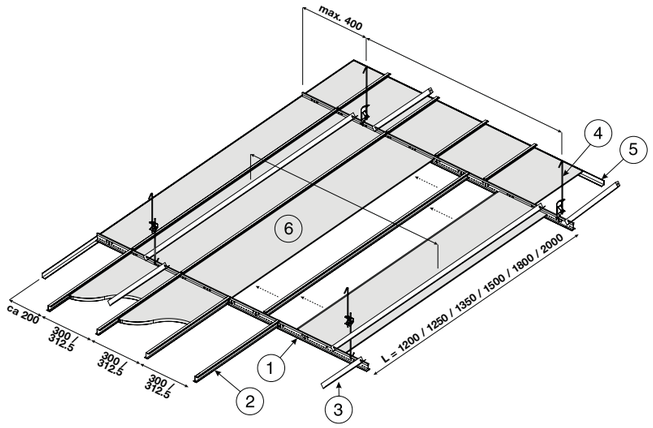
Semi-concealed SL2
Corridor installation

① Z-Bar*
② Perimeter trim
③ Plank



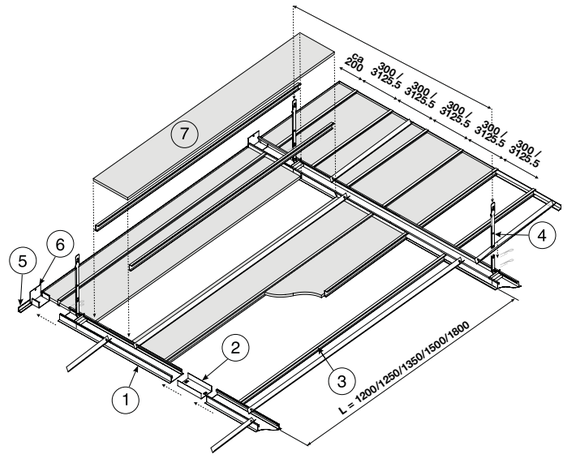
Semi-concealed SL2
(Room installation)

① Main Runner
② Z-Bar*
③ Spacer Bar
④ Hanger
⑤ Perimeter trim
⑥ Plank



Semi-Concealed SL2/K2C2
Bandraster room installation

① Bandraster (slotted)
② Splice
③ Z-bar*
④ Nonius hanger
⑤ Perimeter trim
⑥ Wall connector
⑦ Plank



*The Prelude 24 Butt Cut can be used as an alternative to the Z-Bar.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

SILHOUETTE - XL²

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

Key Attributes

- 6mm reveal for a more monolithic appearance with MicroLook 90 and MicroLook BE mineral tiles or Wood MicroLook tiles
- 3mm 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

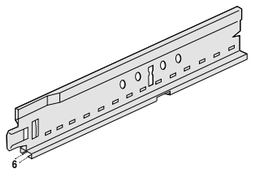
Application area

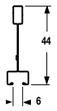
Reception areas / Open plan office / Individual offices

Physical data

- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: available in Global White, Black, Global White with black reveal and RAL 9010

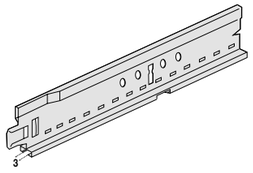
SILHOUETTE 6 MM - MAIN RUNNER (by-pass connection)

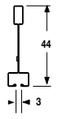




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
with 6 mm reveal						
80 40 42 G(1)	3600	44	20	72,00	24,50	36
80 39 43 G(1)	3125	44	20	62,50	25,40	25
80 44 42 G(1)	2700	44	20	54,00	18,40	30

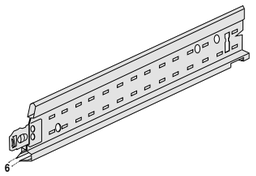
SILHOUETTE 3 MM - MAIN RUNNER (by-pass connection)

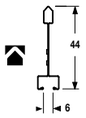




with 3 mm reveal						
81 40 42 WRG(2)	3600	44	20	72,00	24,50	36

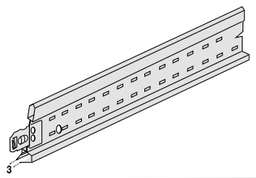
SILHOUETTE 6 MM - XL² PEAKFORM CROSSTEES (stab system)

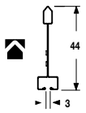




with 6 mm reveal						
80 30 42 G(1)	1200	44	60	72,00	24,50	35
80 31 43 G(1)	1250	44	60	75,00	23,80	35
80 33 42 G(1)	1350	44	30	40,50	13,80	50
80 32 42 G(1)	1000	44	60	60,00	20,40	24
80 20 42 G(1)	600	44	60	36,00	12,70	70
80 21 43 G(1)	625	44	30	37,50	16,00	70
80 23 42 G(1)	675	44	60	40,50	14,30	70
80 22 42 G(1)	500	44	60	30,00	10,60	70
80 24 42 G(1)	300	44	120	36,00	34,00	70

SILHOUETTE 3 MM - XL² PEAKFORM CROSSTEES (stab system)

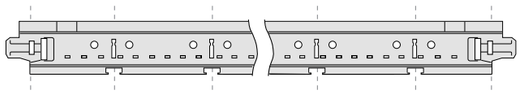




with 3 mm reveal						
81 30 42 WRG(2)	1200	44	60	72,00	24,50	35
81 20 42 WRG(2)	600	44	60	36,00	12,70	70

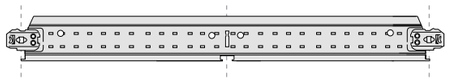
SECTION DRAWINGS

Silhouette 6 mm & 3 mm - Main Runners

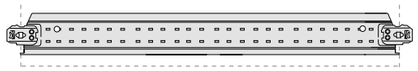


Length					
3600	300	600	3 x 600	600	300
3500	250	500	4 x 500	500	250
3125	312,5	625	2 x 625	625	312,5
2700	337,5	675	675	675	337,5

Silhouette 6 mm & 3 mm - XL² Cross Tees



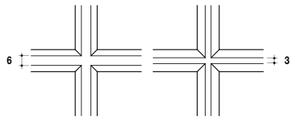
Length		
1350	675	675
1250	625	625
1200	600	600
1000	500	500



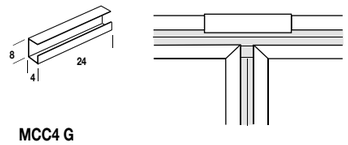
675 / 625 / 600 / 500 / 300

SILHOUETTE XL²

- Pre-mitred intersections
- Choice of either 6 or 3 mm reveal dimension
- Silhouette 15 XL² with 3 mm reveal is supplied as standard in RAL 9010 white to compliment Armstrong metal tiles

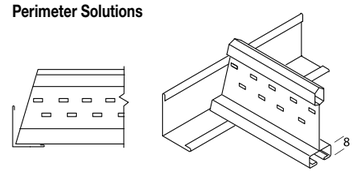


View of mitred intersection from beneath

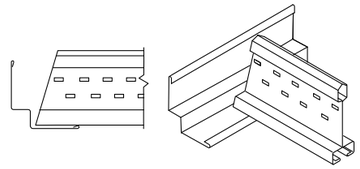


MCC4 G
Mitre closure clip for 6 mm reveal

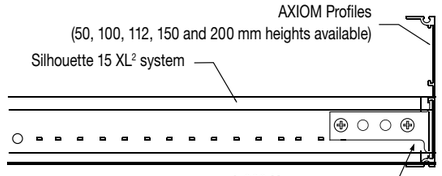
Perimeter Solutions



Section — Cross Tee trimmed to wall angle



Section — Cross Tee trimmed to shadowline **T 1508 HB** at perimeter



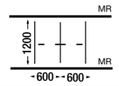
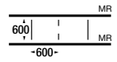
A 339 H
AXIOM universal T bar connector clip

GRID LOAD CAPACITY

SILHOUETTE XL² System

The following table gives the maximum permitted hanger distance (mm) along the Silhouette Main Runner (80 40 42 G) for the tile weights and Main Runner spacings noted.

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6. For other classes /deflection limits please contact your local 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

Silhouette 6mm Main runner - 80 40 42 G		
Main Runner centres (mm)	1200	600
Cross Tee(s)	80 30 42 G 80 20 42 G	80 20 42 G
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)	
2,5 kg/m²	1800	2100
3,0 kg/m²	1700	2100
3,5 kg/m²	1650	2050
4,0 kg/m²	1600	2000
5,0 kg/m²	1500	1900
5,5 kg/m²	1450	1850
6,0 kg/m²	1400	1800
7,0 kg/m²	1300	1700
8,5 kg/m²	1200	1600
10,5 kg/m²	1100	1550
13,0 kg/m²	950	1350

All products standard in Global White unless indicated by index (2). Other standard colours available for item numbers with index (1). See details below.
(1) Silhouette with 6 mm reveal is available in white, black (BK) or white with black reveal (BI).
(2) WR = White RAL 9010 (WR)
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

INTERLUDE HRC - XL²

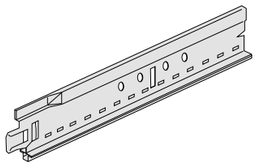
Exposed 15mm grid system with double reveal feature

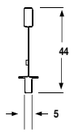
Key Attributes
- Unmitred intersections for flexibility of Cross Tee positioning to create staggered layouts
- Double reveal feature perfect for installation with MicroLook 90 mineral tiles
- Rotary stitched: strength and extra stability

Application area
Reception areas / Open plan office / Individual offices

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

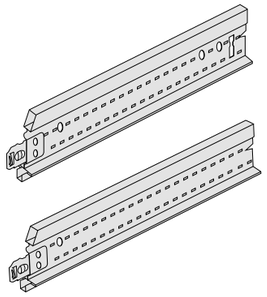
INTERLUDE HRC - MAIN RUNNER (by-pass connection)

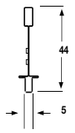




Item Nr.	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
TZ 61 40 42	3600	44	20	72,00	23,60	36

INTERLUDE HRC - XL² CROSS TEES (stab system)



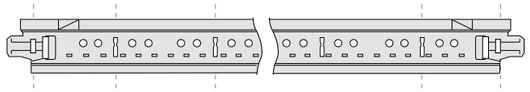


Cross Tees slotted						
61 30 42 G	1200	44	60	72,00	30,30	42

Cross Tees unslotted						
61 20 42 G	600	44	60	36,00	15,00	84
TZ 61 24 42	300	44	120	36,00	15,00	84

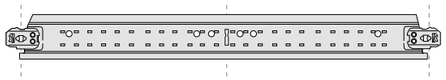
SECTION DRAWINGS

INTERLUDE HRC - Main Runner

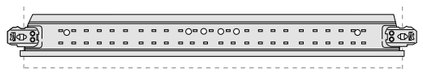


Length				
3600	75	150	22 x 150	75

INTERLUDE HRC - XL² Cross Tees



Length		
1200	600	600

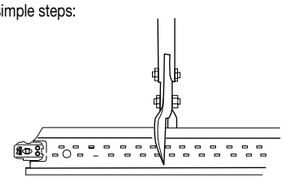


600 / 300

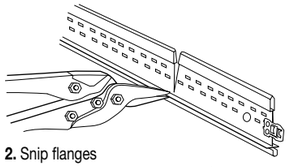
INTERLUDE HRC - XL²

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

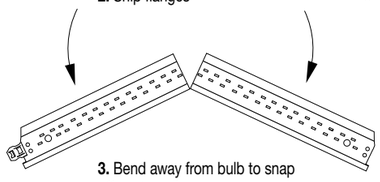
INTERLUDE HRC - XL² can be easily field cut with snips in 3 simple steps:



1. Cut down through bulb and web

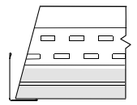


2. Snip flanges

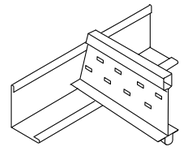


3. Bend away from bulb to snap off centre rail

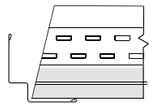
Perimeter Solutions



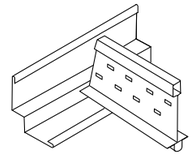
Section



Cross Tee trimmed to wall angle

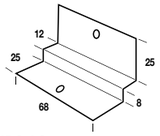


Section

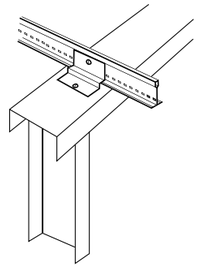


Cross Tee trimmed to shadowline
T 1508 HB

Partition Head Fixing



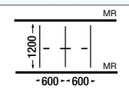
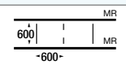
UPC AG
Universal partition clip attaches to grid to provide fixing for partition head track: reversible for 15 mm or 24 mm grid systems



GRID LOAD CAPACITY

INTERLUDE HRC - XL² System
The following table gives the maximum permitted hanger distance (mm) along the Interlude Main Runner (TZ 61 40 42) for the tile weights and Main Runner spacings noted.

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6. For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

	Interlude Main Runner - TZ 61 40 42	
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/m²)	Maximum suspension spacing along Main Runner (mm)	
2,5 kg/m²	1950	2100
3,0 kg/m²	1850	2100
3,5 kg/m²	1750	2100
4,0 kg/m²	1750	2100
5,0 kg/m²	1650	2050
5,5 kg/m²	1600	2000
6,0 kg/m²	1550	1950
7,0 kg/m²	1450	1850
8,5 kg/m²	1350	1750
10,5 kg/m²	1250	1650
13,0 kg/m²	1100	1550

Product available as standard in Global White.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PRELUDE 24 CORROSIVE RESISTANT

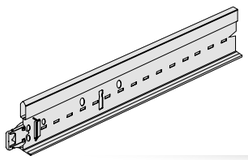
Exposed 24mm grid system for higher humidity environments

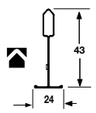
Key Attributes
- Special paint finish and coated Cross Tee clips for enhanced corrosion resistance
- 700 hours salt spray test (EN ISO 9227)
- Durability Class C (EN 13964:2004 + A1:2006)

Application area
Higher humidity areas

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

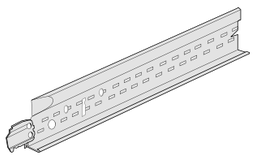
PRELUDE 24 CORROSIVE RESISTANT - UNIVERSAL PEAKFORM MAIN RUNNER AND SUPERLOCK CLIP (bulb-to-bulb connection)

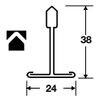




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
28 40 42	3600	43	20	72,00	21,00	30
28 41 42	3750	43	20	75,00	21,90	30

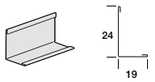
PRELUDE 24 CORROSIVE RESISTANT - TLX CROSS TEES (Hook system, butt cut)





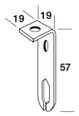
14 31 32	1250	38	60	72,00	18,20	72
14 30 32	1200	38	60	75,00	18,90	72
14 20 32	600	38	60	36,00	9,10	144
14 21 32	625	38	60	37,50	9,50	144

PERIMETER SOLUTION



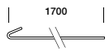
Item Nr.	Description	Dimensions length (mm)	height (mm)	Content / Carton pcs	Weight / Carton kg
T 1924 LB	Corrosive resistant perimeter angle	3050	24	36	109,80

ACCESSORIES



A WDNCR 20 H
Bent tee bar hanger for threaded rod

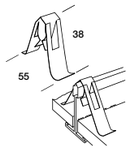
A CR1827 G
Nut for threaded rod



A CR827 G
1700 mm hanger with hook

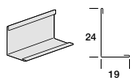
A CR12 G
Butterfly

A CR1829 G
1000mm Threaded rod dia. 6 mm



A CR7890 G
Universal retaining clip

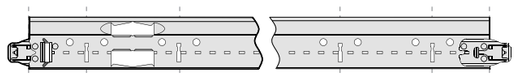
A CR11 G
Small hook



T 1924 LB
Corrosive resistant suspension angle

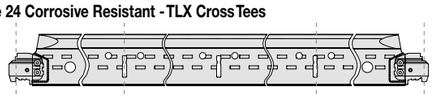
SECTION DRAWINGS

Prelude 24 Corrosive Resistant - Universal Peakform Main Runners

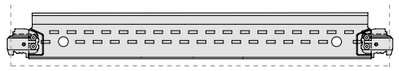


Length					
3750	78,125	156,25	21 x 156,25	156,25	78,125
3600	50	100	33 x 100	100	50

Prelude 24 Corrosive Resistant - TLX Cross Tees



Length				
1200	300	300	300	300
1250	312,5	312,5	312,5	312,5

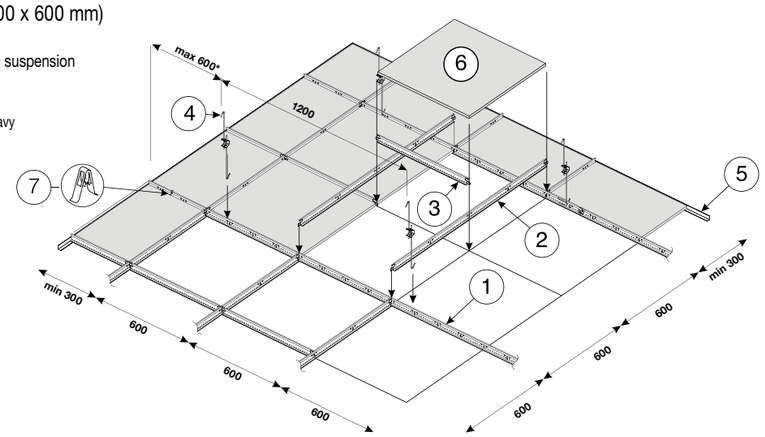


600/ 625

SYSTEM DRAWING (module 1200 x 600 mm)

Standard lay-in installation of 24 mm exposed suspension system using Board or Tegular edge tiles.

*reduce to 450 if heavy tile / overlays are used or heavy service fittings are located near the perimeter.



⑥ Tiles	Main Runner centres	Hangers centres	Quantities required per 1m² (no waste included) ① Main Runner	② Cross Tee 1200 mm	③ Cross Tee 600 mm	④ Hanger	⑦ Universal retaining clip
1200 x 600 mm 1,39 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	-	0,70 pcs	5,56 pcs
	600 mm	1200 mm	1,67 lm	-	0,84 lm	1,40 pcs	
600 x 600 mm 2,78 pcs	1200 mm	1200 mm	0,84 lm	1,67 lm	0,84 lm	0,70 pcs	
	600 mm	1200 mm	1,67 lm	-	1,67 lm	1,40 pcs	

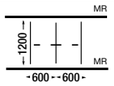
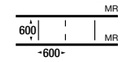
⑤ Perimeter trim approx. 0,70 lm/m²

The chart is for general guidance only.

GRID LOAD CAPACITIES

Prelude 24 Corrosive Resistant

The following table gives the maximum permitted hanger distance (mm) along the Peakform Main Runner (28 40 42) for the tile weights and Main Runner spacings noted.

Prelude 24 Corrosive Resistant Main Runner - 28 40 42		
Main Runner centres (mm)	1200	600
Cross Tee(s)	14 30 32 14 20 32	14 20 32
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)	
2,5 kg/m²	1900	2100
3,0 kg/m²	1800	2100
3,5 kg/m²	1750	2100
4,0 kg/m²	1650	2050
5,0 kg/m²	1550	2000
5,5 kg/m²	1550	1950
6,0 kg/m²	1500	1900
7,0 kg/m²	1400	1800
8,5 kg/m²	1300	1700
10,5 kg/m²	1150	1600
13,0 kg/m²	1050	1500

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6. For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

CLEAN ROOM 24

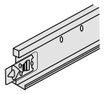
Exposed 24mm co-extruded grid system for clean rooms and non-magnetic areas

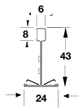
Key Attributes
- Aluminium construction: non-magnetic system with high corrosion resistance
- Co-extruded gasket: better seal between tile and grid
- Class 4 performance as per ISO standard 14644-1

Application area
Healthcare, Hi-tech manufacturing

Physical data
- Material : co-extruded aluminium with gasket
- Surface finish: extruded PVC
- Colour: White

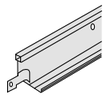
CLEAN ROOM 24 - MAIN RUNNER

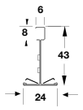




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
EA 794044	3600	43	20	72,00	24,00	30

CLEAN ROOM 24 - CROSS TEES + PERIMETER TRIM

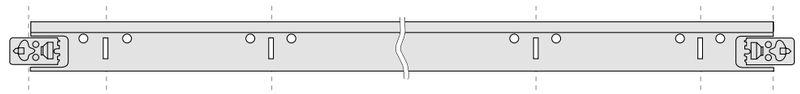




EA 793044	1200	43	60	72,00	26,00	20
EA 792044	600	43	60	36,00	12,00	40
EA 7801	3660	24	30	109,80	20,00	25

SECTION DRAWINGS

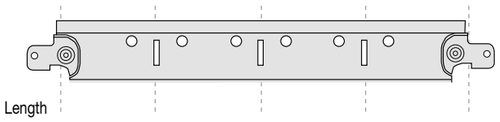
Clean Room 24 - Main Runner



Length

3600	150	300	9 x 300	300	150

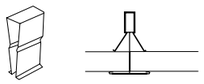
Clean Room 24 - Cross Tees



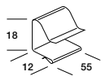
Length

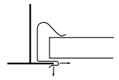
1200	300	300	300	300
600	300	300		

ACCESSORIES - Corrosion resistance 700 hours salt spray test

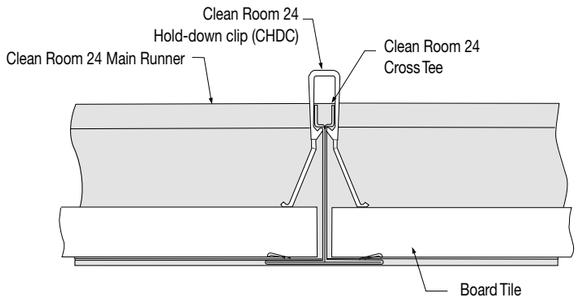


CHDC
Hold down clip suitable
for non-magnetic areas



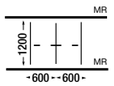
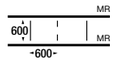


A 426 G
Board access clip



GRID LOAD CAPACITIES

Clean Room 24
The table gives the maximum permitted hanger distance (mm) along the Clean Room Grid Main Runner (EA 794044) for the tile weights and Main Runner spacings noted.

	Clean Room 24 Main Runner - EA 794044	
Main Runner centres (mm)	1200	600
Cross Tee(s)	EA 793044 EA 792044	EA 792044
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m²)	Maximum suspension spacing along Main Runner (mm)	
2,5 kg/m²	1850	2100
3,0 kg/m²	1750	2100
3,5 kg/m²	1700	2100
4,0 kg/m²	1650	2050
5,0 kg/m²	1550	1950
5,5 kg/m²	1500	1900
6,0 kg/m²	1450	1850
7,0 kg/m²	1400	1800
8,5 kg/m²	1300	1700
10,5 kg/m²	1200	1600
13,0 kg/m²	1050	1450

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6.
  For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 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.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.

All measurements in millimetres. All sizes are nominal.

Availability of products may vary
according to location.
Please contact Armstrong Technical
Sales for further details.

SEISMIC RX® SYSTEM

Exposed 24mm grid system with specialist installation accessories and detailing

Key Attributes

- 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

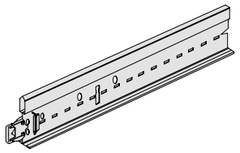
Application area

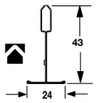
Seismic areas, Nuclear, military or high risk sites

Physical data

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

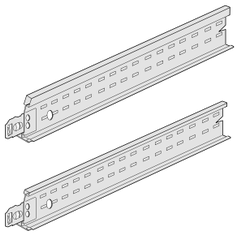
PRELUDE 24 - UNIVERSAL PEAKFORM MAIN RUNNERS AND SUPERLOCK CLIP (bulb-to-bulb connection)

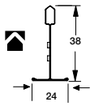




Item Nr.	Dimensions length (mm)	height (mm)	Content / Carton pcs	lm	Weight / Carton kg	Cartons / Pallet
31 40 32 A(1)	3600	43	20	72,00	21,00	30
31 41 33 B	3750	43	20	67,50	20,00	30

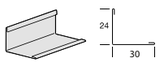
PRELUDE 24 - XL² CROSS TEES (stab system, override)

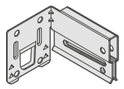


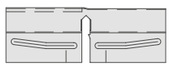


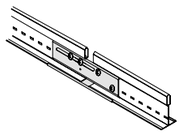
Cross Tees slotted						
31 30 51 B(1)	1200	38	60	72,00	18,20	72
31 31 51 B(1)	1250	38	60	75,00	18,90	72
Cross Tees unslotted						
31 20 21 A(1)	600	30	60	36,00	8,20	144
31 21 23 A(1)	625	30	60	37,50	8,60	144

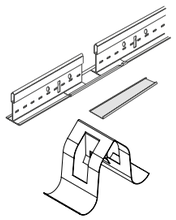
ACCESSORIES







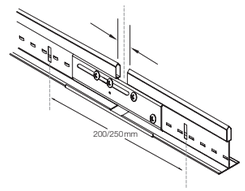




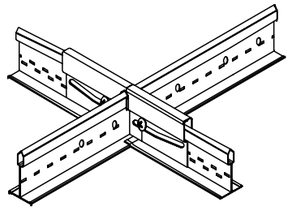
Item Nr.	Description	Dimensions height (mm)	Content / Carton pcs	Weight / Carton kg	Cartons / Pallet
T 3024 H	Perimeter angle. painted	3000	40	28,50	50
BERC2	Main Runner end retaining clip	50	200	9,00	36
SJCG	Seismic joint clip XL² Cross Tee (24mm)	-	200	7,00	36
SJMR15	Seismic joint clip Peakform Main Runner (24mm)	-	100	11,00	60
ES 4	Expansion sleeve (24mm)	100	100	1,00	170
442	Vector Seismic clip	-	100	1,63	-

SYSTEM DRAWINGS

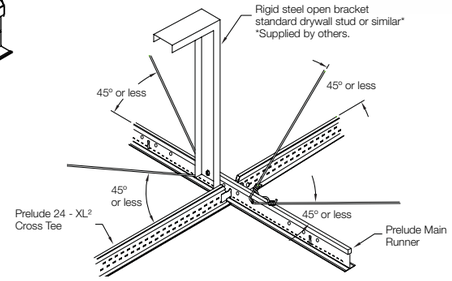
- Seismic Joint Clip Main Runner



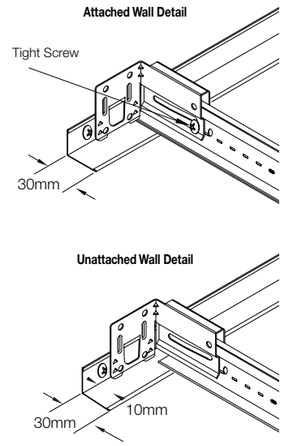
- Seismic Joint Clip Cross Tee



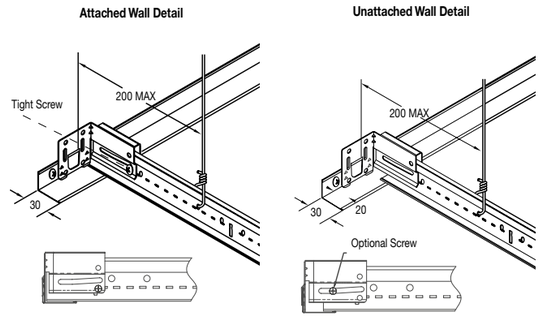
- Bracing Detail



- Moderate Hazard Seismic RX® System

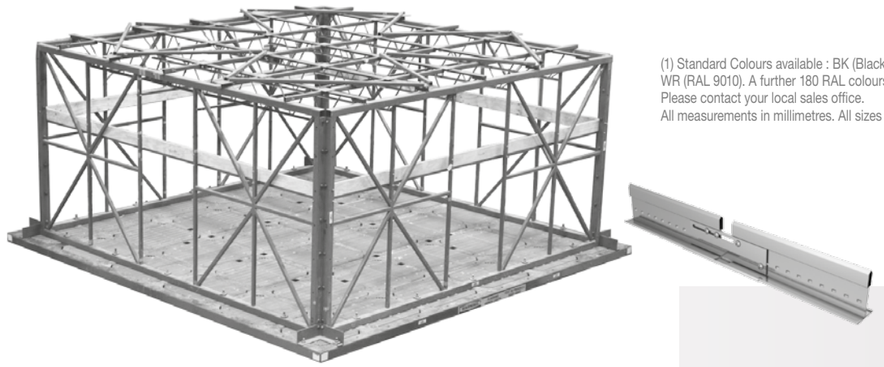


- High / Very High Hazard Seismic RX® System



The Seismic Rx® system installation method will depend upon the hazard level required for the installation.
For more information on which of the above system drawings apply to which risk category, please refer to our **Installation Guidelines for Seismic Applications** brochure, or contact Armstrong Technical Sales.

- Shake table frame for Seismic testing



(1) Standard Colours available : BK (Black), BS (Brass), CE (Chrome), SG (RAL9006), WR (RAL 9010). A further 180 RAL colours are available as a special on request.
Please contact your local sales office.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

LONGSPAN

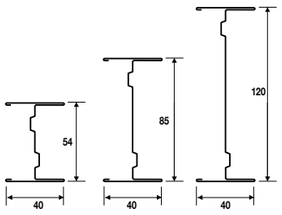
Primary grid system

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

Application area
Industrial / Transport / Buildings with limited suspension points

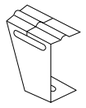
Physical data
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

PRIMARY CHANNELS



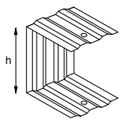
Item Nr.	Dimensions		Content / Carton		Weight / Carton	Cartons / Pallet
	length (mm)	height (mm)	pcs	lm	kg	
LP 546 G	5000	54	5	25,00	21,60	10
LP 856 G	5000	85	5	25,00	25,20	10
LP 120 G	6500	120	5	32,50	76,50	10

ACCESSORIES

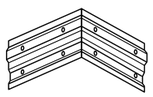


Item Nr.	Description	Dimensions height (mm)	Content / Carton pcs	Weight / Carton kg
A 4510 G	Bent hanger for T profile	-	50	1,90

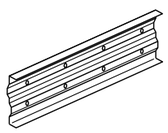
A 1820 G	Beam flange clip 1,6 to 4,8 mm thickness	47	100	2,20
A 1821 G	Beam flange clip 4,8 to 9,5 mm thickness	47	100	3,20



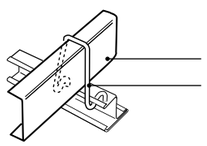
B11067 G	Special holding clamp*	54	100	1,55
B11065 G	‘’	85	100	2,90
B11064 G	‘’	120	50	3,30



A M4538 G	Wall connection	54	25	1,50
A M4534 G	‘’	85	25	3,25
A M4529 G	‘’	120	25	5,90

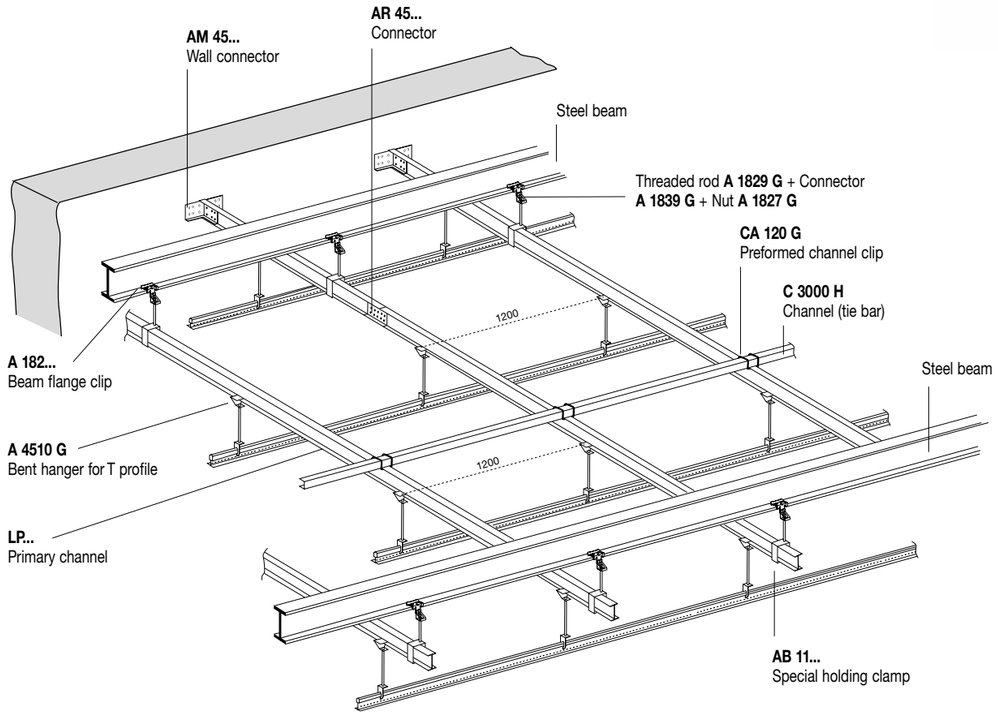


A R4537 G	Connector	54	25	1,90
A R4533 G	‘’	85	25	4,25
A R4528 G	‘’	120	25	7,00



C 3000 H	Channel 19 x 38 mm	38	20	26,50
CA 120 G	Preformed channel clip**	-	100	0,50

SYSTEM DRAWING



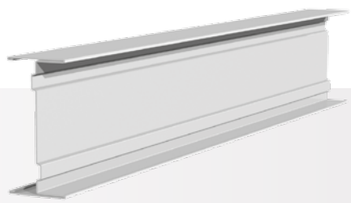
Note:
- Two wall connectors AM 45... must be used to fix to walls.
- Two connectors AR 45... must be used when connecting two lengths of Primary Channel together.
- Two preformed channel clips CA 120 G must be installed on the opposites sides of the Primary channel

GRID LOAD CAPACITIES (LongSpan System) Space 1200 mm

	1 tie bar										2 tie bars								3 tie bars	
Spacing between suspensions (m)	**1,25**	**1,50**	**1,75**	**2,00**	**2,25**	**2,50**	**2,75**	**3,00**	**3,25**	**3,50**	**3,75**	**4,00**	**4,25**	**4,50**	**4,75**	**5,00**	**5,50**	**5,75**	**6,00**	**6,50**
Item Nr.																				
LP 546 G		48	48	32	23	16	12	9												
LP 856 G					48	42	25	19	15	12	10	8	7	7						
LP 120 G										48	30	24	20	17	14	12	10	9	8	6

Note:
- Uniformly distributed load kg/m². Load charges in kg/m² for deflection L/300.

*Both Bent hanger for T profile and special holding clamp only work with threaded rod A 1829 G+ Connector A1839 G + nut (A 1827 G)
**Install one clip on each side of the Channel C 3000 H
All measurements in millimetres. All sizes are nominal.



Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

U-PROFILE SYSTEM

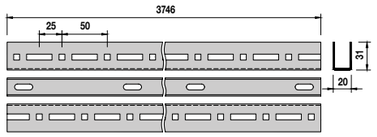
Primary suspension system for modular metal ceiling systems

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

Application area
All areas

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

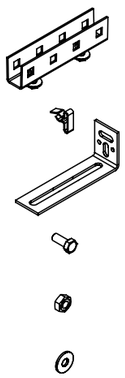
U-PROFILE



Item Nr.	Dimensions mm	Material	Content / Carton pcs	lm	Weight / Carton kg
M300100	3746 x 20 x 31	Galvanised steel	10	37,5	28,9

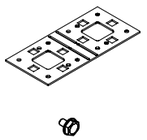
For a module length of 3750 mm.

ACCESSORIES

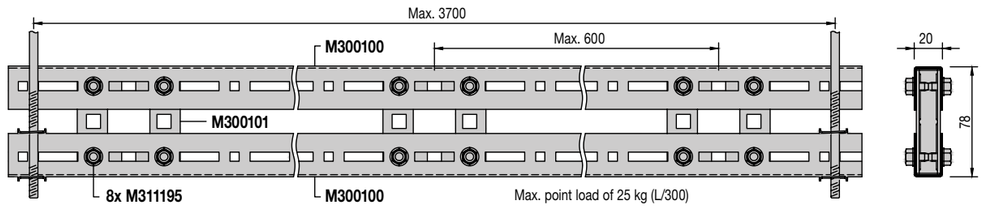


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300119	Connector for U-profile	Galvanised steel	95 x 23 x 17	100	5,3
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M300140	Wall anchor	‘’	90 x 35 x 25	100	3,7
M311303	Hexagonal bolt M6 x 16 mm	‘’	M6 x 16	100	0,5
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311305	Washer M6 18 x 1,6 mm	‘’	Ø18 x 1,6	100	0,3

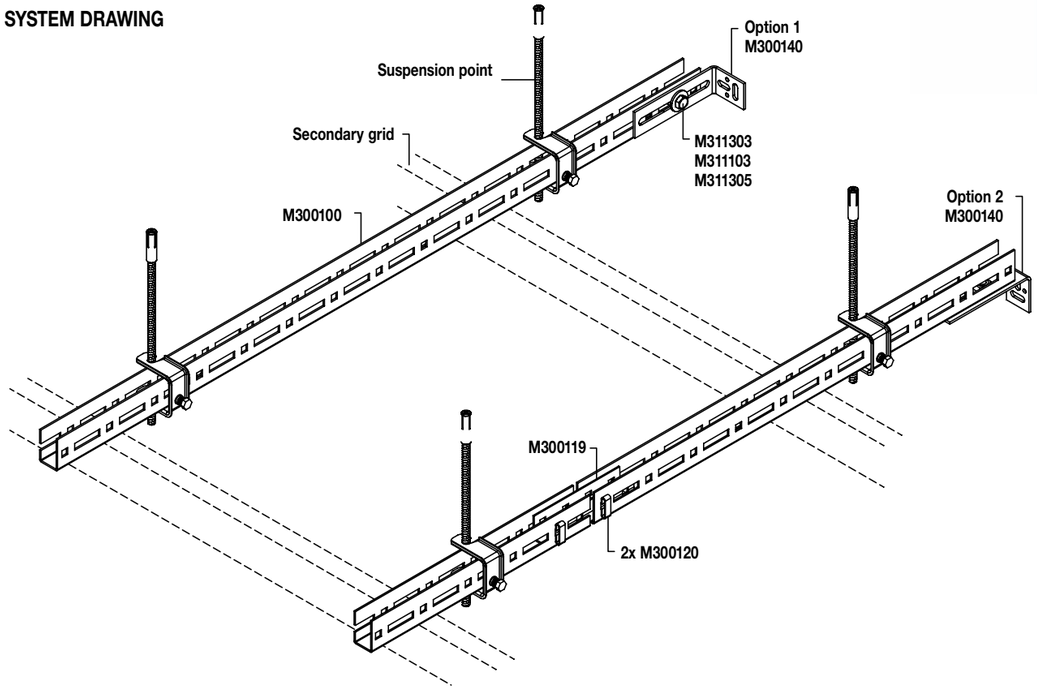
BRIDGING CARRIER OPTION (for longer spans)



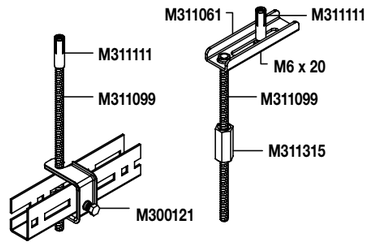
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300101	Connector for bridging carrier	Galvanised steel	158 x 73 x 2	50	6,2
M311195	Thread cutting screw M6 x 10 mm	‘’	M6 x 10	100	0,5



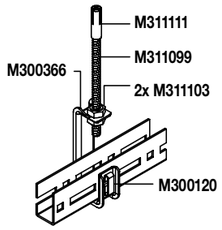
SYSTEM DRAWING



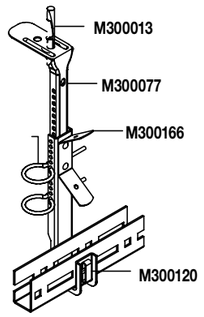
SUSPENSION METHODS



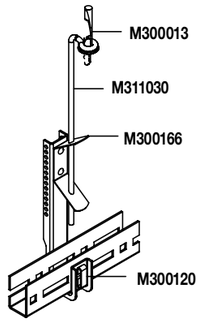
- Clamping bracket



- Hanger for U-profile



- Combi nonius hanger with nonius top part



- Combin nonius hanger with eye wire

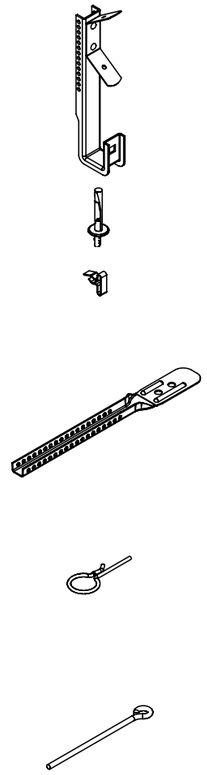
All measurements in millimetres.
All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

SUSPENSION ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Clamping bracket option					
M300121	Clamping bracket	Galvanised steel	43 x 37 x 20	100	2,3
M311111	Expansion bolt M6 x 30 mm	‘’	M6 x 30	100	0,8
M311097	Threaded rod M6 x 500 mm	‘’	M6 x 500	100	8,4
M311099	Threaded rod M6 x 1000 mm	‘’	M6 x 1000	100	16,0
M311101	Threaded rod M6 x 2000 mm	‘’	M6 x 2000	100	32,0
M311315	Hexagonal extension nut M6 x 30 mm	‘’	M6 x 30	100	1,3
M311061	Suspension element for threaded rod M6	‘’	80 x 25 x 10	100	4,3

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Hanger for U-profile option					
M300366	Hanger for U-profile	Galvanised steel	85 x 33 x 19	100	3,8
M311111	Expansion bolt M6 x 30 mm	‘’	M6 x 30	100	0,8
M311097	Threaded rod M6 x 500 mm	‘’	M6 x 500	100	8,4
M311099	Threaded rod M6 x 1000 mm	‘’	M6 x 1000	100	16,0
M311101	Threaded rod M6 x 2000 mm	‘’	M6 x 2000	100	32,0
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3



Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Combi Nonius hanger option					
M300166	Combi Nonius hanger	Galvanised steel	139 x 36 x 19	100	6,6
M300013	Percussion dowel BZ 6 S	‘’	38 x 16	100	1,2
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M300071	Nonius top part 200 mm	‘’	200 x 25 x 9	100	3,4
M300074	Nonius top part 500 mm	‘’	500 x 25 x 9	100	9,0
M300075	Nonius top part 700 mm	‘’	700 x 25 x 9	100	13,0
M300076	Nonius top part 1000 mm	‘’	1000 x 25 x 9	100	18,5
M300077	Nonius top part 1500 mm	‘’	1500 x 25 x 9	100	27,8
M300036	Nonius locking pin	‘’	65 x 24	100	0,7
M311158	Eye wire 250 mm	‘’	250 x 4	100	2,5
M311159	Eye wire 375 mm	‘’	375 x 4	100	3,8
M311029	Eye wire 500 mm	‘’	500 x 4	100	5,0
M311160	Eye wire 750 mm	‘’	750 x 4	100	7,5
M311030	Eye wire 1000 mm	‘’	1000 x 4	100	10,0
M311161	Eye wire 1500 mm	‘’	1500 x 4	100	15,0

All measurements in millimetres.
All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

C-CHANNEL SYSTEM

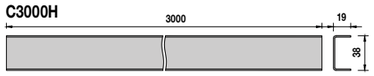
Primary suspension system for modular metal ceiling systems

Key Attributes
- Typically used with Spring-T for suspension of Metal T-Clip F ceilings

Application area
Offices / Kitchens / Toilets

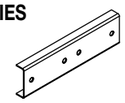
Physical data
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

C-CHANNEL



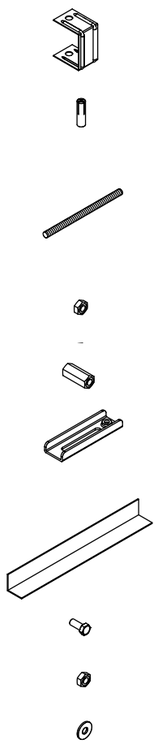
Item Nr.	Description	Dimensions mm	Material	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
C3000H	C Channel 19 x 38 mm	4000 x 19 x 38	Galvanised steel	8	32,0	26,7

ACCESSORIES



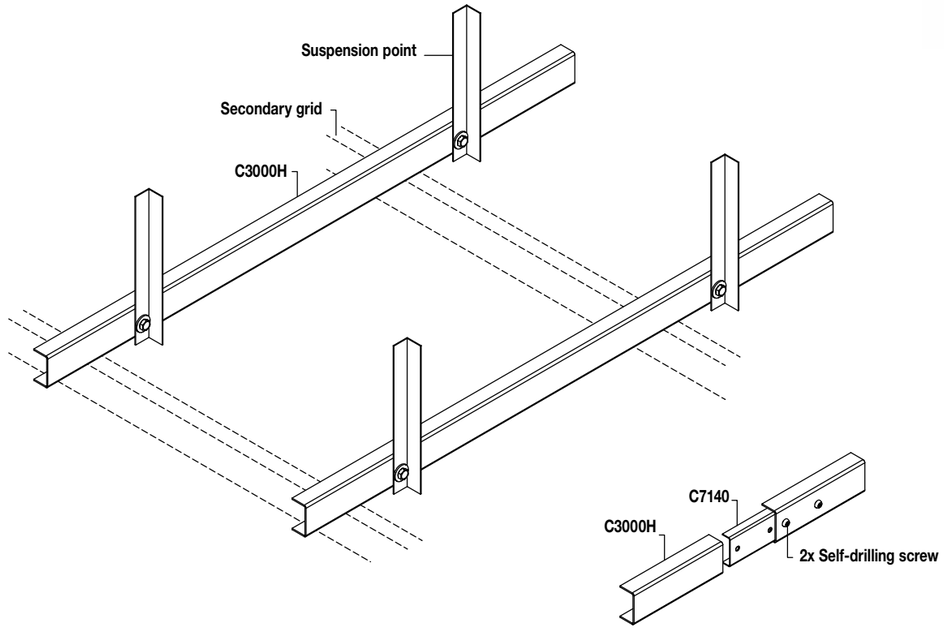
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
C7140	Connector for C-channel	Galvanised steel	124 x 34 x 9	250	11,0

SUSPENSION ACCESSORIES

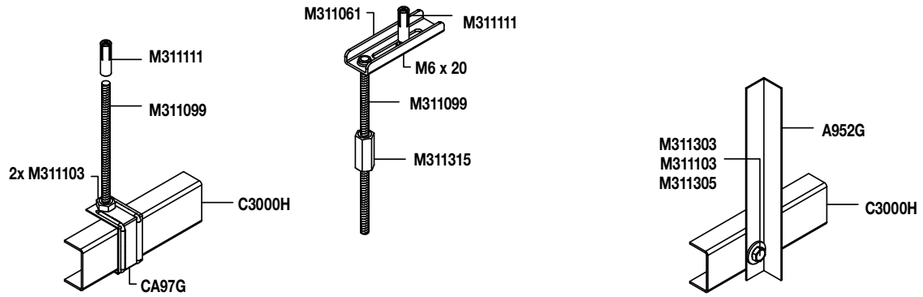


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Clamp option					
CA97H	Clamp for C-channel	Galvanised steel	25 x 30 x 40	100	1,7
M311111	Expansion bolt M6 x 30 mm	‘’	M6 x 30	100	0,8
M311097	Threaded rod M6 x 500 mm	‘’	M6 x 500	100	8,4
M311099	Threaded rod M6 x 1000 mm	‘’	M6 x 1000	100	16,0
M311101	Threaded rod M6 x 2000 mm	‘’	M6 x 2000	100	32,0
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311315	Hexagonal extension nut M6 x 30 mm	‘’	M6 x 30	100	1,3
M311061	Suspension element for threaded rod M6	‘’	80 x 25 x 10	100	4,3
Suspension angle option					
A952G	Suspension angle	Galvanised steel	3600	20	13,30
M311303	Hexagonal bolt M6 x 16 mm	‘’	M6 x 16	100	0,5
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311305	Washer M6 18 x 1,6 mm	‘’	Ø18 x 1,6	100	0,3

SYSTEM DRAWING



SUSPENSION METHODS



- Clamp
- Suspension angle

All measurements in millimetres.
All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

DP12 A-BAR

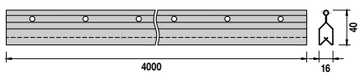
Suspension profile for Q-Clip, R-Clip, S-Clip F, D-Clip and K-Clip metal ceiling systems

Key Attributes
- Compatible with U-Profile primary grid system
- Alternative independent suspension options
- Brackets for swing-down functionality or secure installations

Application area
Offices / Clean rooms / Seismic applications / Exterior ceilings

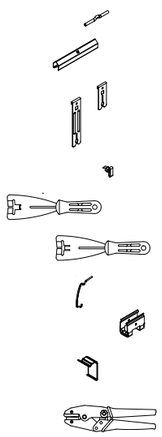
Physical data
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

DP12 A-BAR



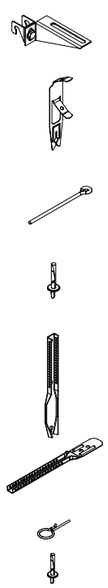
Item Nr.	Dimensions mm	Material	Content / Carton pcs	lm	Weight / Carton kg
M311022	4000 x 40 x 16	Galvanised steel	10	40	21,3

ACCESSORIES



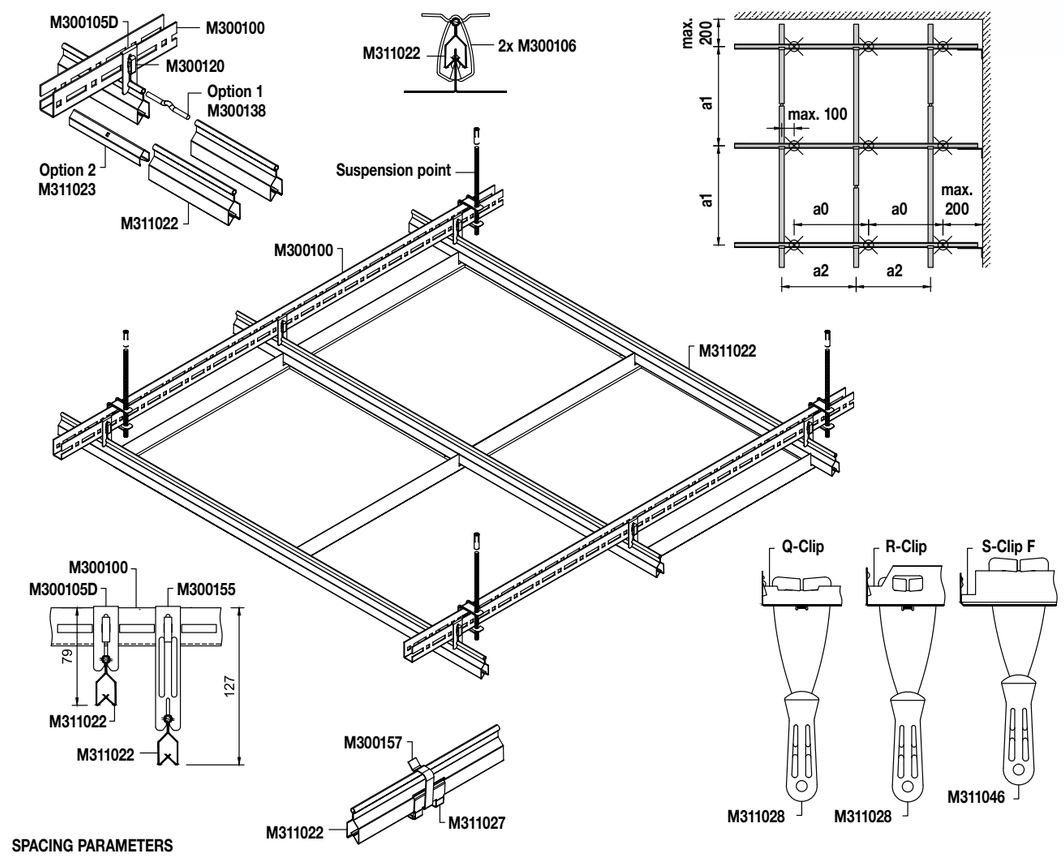
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300138	Connection-pin for DP12 A-Bar	Galvanised steel	60 x 5	100	0,8
M311023	Connector for DP12 A-Bar	‘’	100 x 17 x 15	100	2,0
M300105D	Hanger for DP12 A-Bar	‘’	52 x 20 x 4	100	0,6
M300155	Large hanger for DP12 A-Bar	‘’	100 x 20 x 4	100	0,9
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M311028	Extraction tool (for Q-Clip / R-Clip / K-Clip system)	Steel / plastic	228 x 60 x 21	1	0,1
M311046	Extraction tool (for S-Clip F system)	‘’	228 x 60 x 21	1	0,1
M300106	Security clip (for Q-Clip / R-Clip / K-Clip system)	Galvanised steel	54 x 40	100	0,2
M311027	Swing-down bracket for Window function	‘’	43 x 32 x 20	100	2,4
M300157	Security clamp for Window function	Spring steel	38 x 17 x 10	100	0,4
M311180	Nubby pliers (for Q-Clip / R-Clip / K-Clip system)	Steel / plastic	224	1	0,5

SUSPENSION ACCESSORIES



Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Direct hanger option					
M300125	Direct hanger for DP12 A-Bar	Galvanised steel	109 x 40 x 30	100	4,7
Rapid hanger option					
M311026	Rapid hanger for DP12 A-Bar	Galvanised steel	122 x 26 x 24	100	1,3
M311158	Eye wire 250 mm	‘’	250 x 4	100	2,5
M311159	Eye wire 375 mm	‘’	375 x 4	100	3,8
M311029	Eye wire 500 mm	‘’	500 x 4	100	5,0
M311160	Eye wire 750 mm	‘’	750 x 4	100	7,5
M311030	Eye wire 1000 mm	‘’	1000 x 4	100	10,0
M311161	Eye wire 1500 mm	‘’	1500 x 4	100	15,0
M300013	Percussion dowel BZ 6 S	‘’	38 x 16	100	1,2
Nonius hanger option					
M311338	Nonius hanger for DP12 A-Bar	Galvanised steel	190 x 27 x 9	100	4,3
M300071	Nonius top part 200 mm	‘’	200 x 25 x 9	100	3,4
M300074	Nonius top part 500 mm	‘’	500 x 25 x 9	100	9,0
M300075	Nonius top part 700 mm	‘’	700 x 25 x 9	100	13,0
M300076	Nonius top part 1000 mm	‘’	1000 x 25 x 9	100	18,5
M300077	Nonius top part 1500 mm	‘’	1500 x 25 x 9	100	27,8
M300036	Nonius locking pin	‘’	65 x 24	100	0,7
M300013	Percussion dowel BZ 6 S	‘’	38 x 16	100	1,2

SYSTEM DRAWING



SPACING PARAMETERS

| | | | | |

SPRING-T

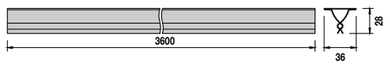
Suspension profile for T-Clip F metal ceiling systems

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

Application area
Offices / Kitchens / Toilets

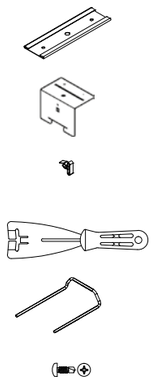
Physical data
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

SPRING-T



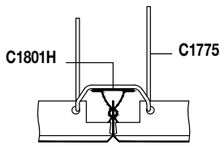
Item Nr.	Dimensions mm	Material	Content / Carton pcs	lm	Weight / Carton kg
C1801H	3600 x 36 x 28	Galvanised steel	10	72	21,4

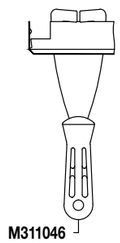
ACCESSORIES & TOOLS



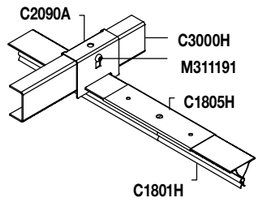
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
C1805H	Splice plate for Spring-T	Galvanised steel	125 x 38 x 3	200	5,5
C2090A	Universal hanger for Spring-T	‘’	60 x 46 x 37	200	6,8
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M311046	Extraction tool (for T-Clip F system)	Steel	228 x 60 x 21	1	0,1
C1775	Security clip (for T-Clip F system)	‘’	96 x 64 x 20	100	0,035
M311091	Self-drilling screw 3,9x13 mm	‘’	Ø3,9 x 13	100	0,1

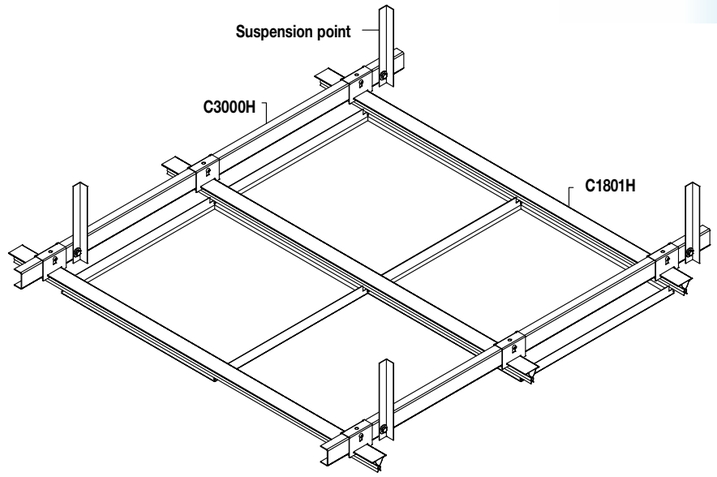
FURTHER DETAILS





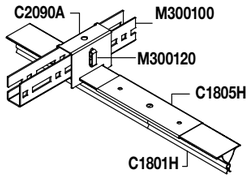
SYSTEM DRAWING WITH C-CHANNEL*

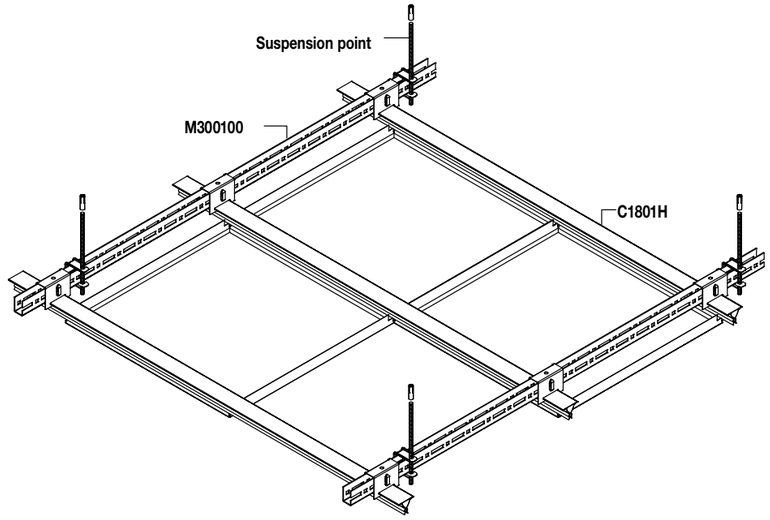




* Half Spring-T C1802G also available for C-Channel System.

SYSTEM DRAWING WITH U-PROFILE





For loading information / spacing parameters, please contact Armstrong Technical Sales.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

C-PROFILE

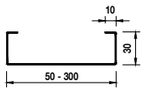
Exposed grid profile in a range of different widths for installation with Metal B-H 300 system

Key Attributes
- Compatible with U-Profile primary grid system
- Alternative independent suspension options
- Bracket for fixing partitions

Application area
Retail / Open plan offices / Laboratories / Transport

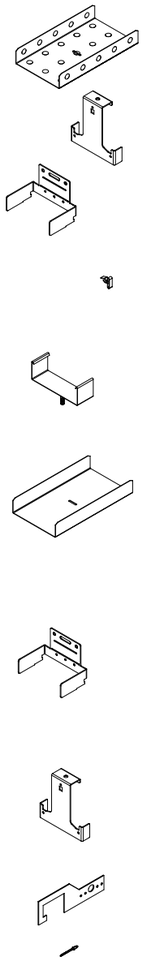
Physical data
- Material: galvanised steel
- Surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request

C-PROFILE



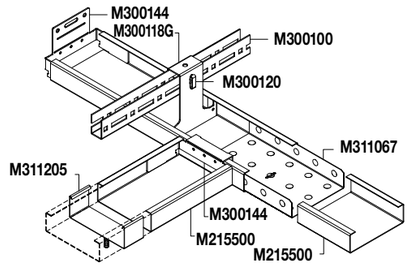
Item Nr.	Dimensions mm	Material	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
Standard					
M215500	4000 x 100 x 30	Galvanised steel	4	16	21,7
Optional					
M215498	4000 x 50 x 30	‘’	4	16	15,5
M215499	4000 x 75 x 30	‘’	4	16	18,6
M215502	6000 x 100 x 30	‘’	4	24	32,6
M215003	4000 x 125 x 30	‘’	4	16	31
M215556	4000 x 150 x 30	‘’	1	4	8,7
M215557	4000 x 200 x 30	‘’	1	4	10,6
M215558	4000 x 250 x 30	‘’	1	4	12,6
M215559	4000 x 300 x 30	‘’	1	4	14,6

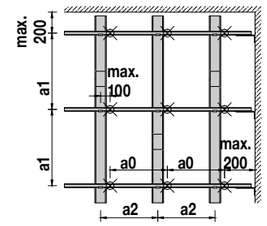
ACCESSORIES

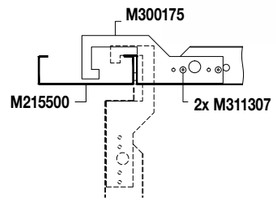


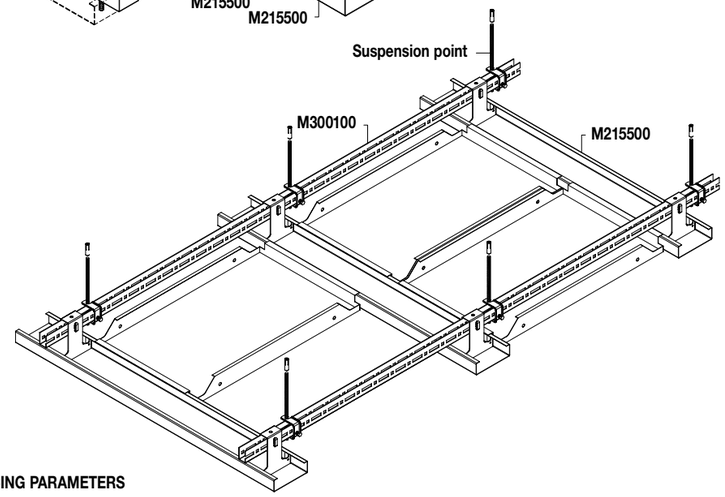
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Standard					
M311067	Connector for C-profile 100 mm	Galvanised steel	175 x 98 x 27	10	1,5
M300118G	Hanger for C-profile 100 mm	‘’	98 x 97 x 24	100	8,4
M300144	Wall anchor for C-profile 100 mm	‘’	68 x 97 x 60	10	0,8
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
Optional					
M311205	Partition holder for C-profile 100 mm	Galvanised steel	102 x 35 x 65	10	0,4
M311210	Connector for C-profile 50 mm	‘’	175 x 48 x 27	10	1,0
M311211	Connector for C-profile 75 mm	‘’	175 x 73 x 27	10	1,3
M311068	Connector for C-profile 125 mm	‘’	175 x 122 x 27	10	1,7
M311212	Connector for C-profile 150 mm	‘’	175 x 148 x 27	10	1,9
M311213	Connector for C-profile 200 mm	‘’	175 x 198 x 27	10	2,4
M311214	Connector for C-profile 250 mm	‘’	175 x 248 x 27	10	2,9
M311215	Connector for C-profile 300 mm	‘’	175 x 298 x 27	10	3,4
M300217B	Hanger for C-profile 50 mm	‘’	98 x 54 x 24	10	0,6
M300218B	Hanger for C-profile 75 mm	‘’	98 x 72 x 24	10	0,6
M300219B	Hanger for C-profile 125 mm	‘’	98 x 122 x 24	10	1,2
M300220B	Hanger for C-profile 150 mm	‘’	98 x 147 x 24	10	1,6
M300221B	Hanger for C-profile 200 mm	‘’	98 x 197 x 24	10	2,3
M300222B	Hanger for C-profile 250 mm	‘’	98 x 247 x 24	10	3,0
M300223B	Hanger for C-profile 300 mm	‘’	98 x 297 x 24	10	3,8
M300224	Wall anchor for C-profile 50 mm	‘’	68 x 47 x 60	10	0,6
M300225	Wall anchor for C-profile 75 mm	‘’	68 x 72 x 60	10	0,8
M300226	Wall anchor for C-profile 125 mm	‘’	68 x 122 x 60	10	0,9
M300227	Wall anchor for C-profile 150 mm	‘’	68 x 147 x 60	10	1,1
M300228	Wall anchor for C-profile 200 mm	‘’	68 x 197 x 60	10	1,4
M300229	Wall anchor for C-profile 250 mm	‘’	68 x 247 x 60	10	1,7
M300230	Wall anchor for C-profile 300 mm	‘’	68 x 297 x 60	10	2,0
M300175	Bracket for hinge-down function Hook	‘’	148 x 50 x 2	100	4,7
M311307	Pop-rivet TAPD 44 BS (for 1,6 - 3,2 mm gauge)	‘’	37	100	0,1

SYSTEM DRAWING

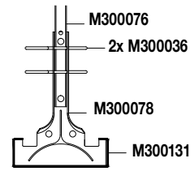








OPTIONAL SUSPENSION METHOD



SPACING PARAMETERS

| | | | | |

J-BAR

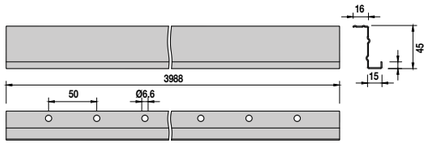
Concealed grid profile for installation with Metal R-H 200 system

Key Attributes
- Compatible with U-Profile Primary Grid System
- Alternative independent suspension options

Application area
Retail / Open plan offices / Laboratories / Transport / Exterior / Impact Resistance

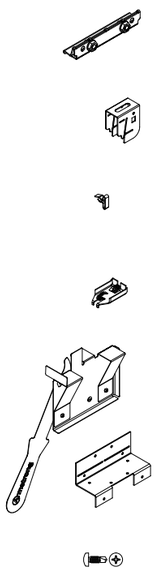
Physical data
- Material: galvanised steel
- Surface finish: galvanised
- Colour: n/a

J-BAR



Item Nr.	Dimensions mm	Material	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
M300026	3988 x 45	Galvanised steel	10	40	25,2

ACCESSORIES & TOOLS

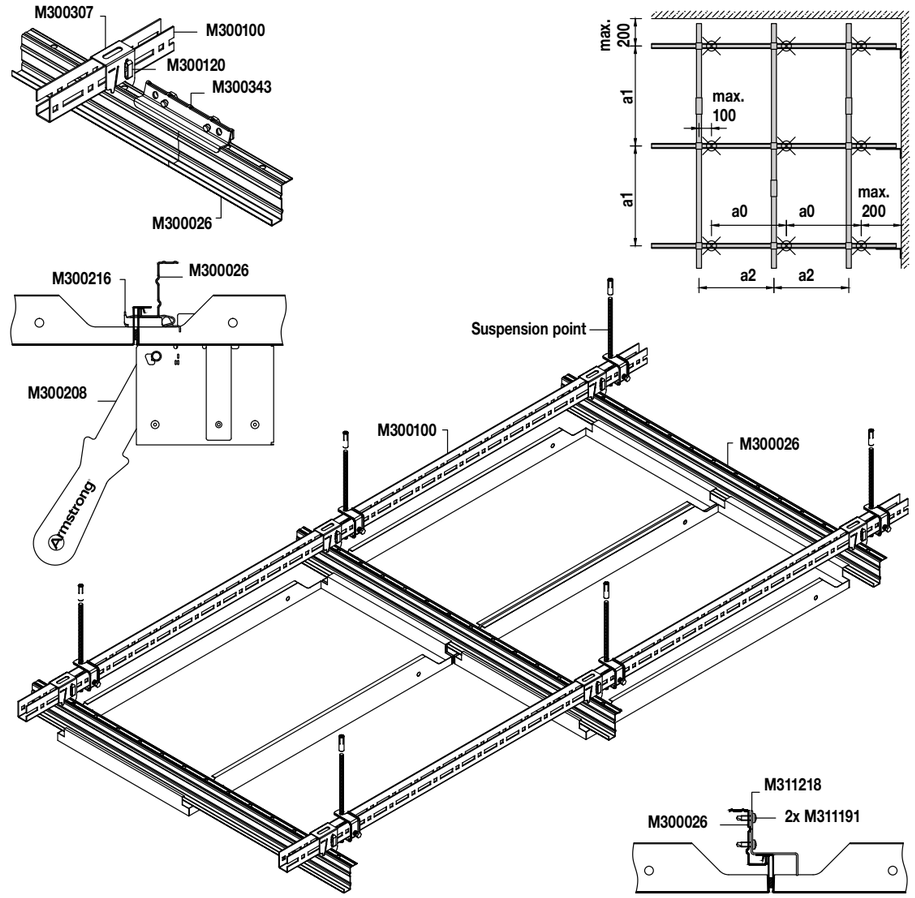


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300343	Connector for J-bar	Galvanised steel	120 x 22 x 20	100	9,5
M300307	Hanger for J-bar	‘’	62 x 40 x 47	100	3,8
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M300216	Security clip (for R-H 200 system)	‘’	45 x 28 x 16	100	1,0
M300208	Extraction tool (for R-H 200 system)	Steel	110 x 105 x 49	1	0,1
M311218	Security bracket (for R-H 200 special solutions)	Galvanised steel	110 x 105 x 49	100	7,5
M311191	Self-drilling screw 3,5 x 9,5 mm	‘’	Ø3,5 x 9,5	100	0,1

OPTIONAL SUSPENSION ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300131	Direct hanger for J-bar	Galvanised steel	109 x 40 x 30	100	5,2

SYSTEM DRAWING



- Security bracket for special solutions

SPACING PARAMETERS

| | | |

H-PROFILE

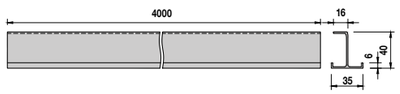
Concealed grid profiles for installation with Metal R-H 215

Key Attributes
- Compatible with U-Profile Primary Grid System
- Alternative independent suspension options
- Secuirty bracket for secure installations

Application area
Retail / Open plan offices / Laboratories / Transport

Physical data
- Material: aluminium
- Colour: n/a

H-PROFILE



Item Nr.	Dimensions mm	Material	Content / Carton pcs	lm	Weight / Carton kg
H-profile 35					
M311400D	4000 x 35 x 40	Aluminium	10	40	16,9

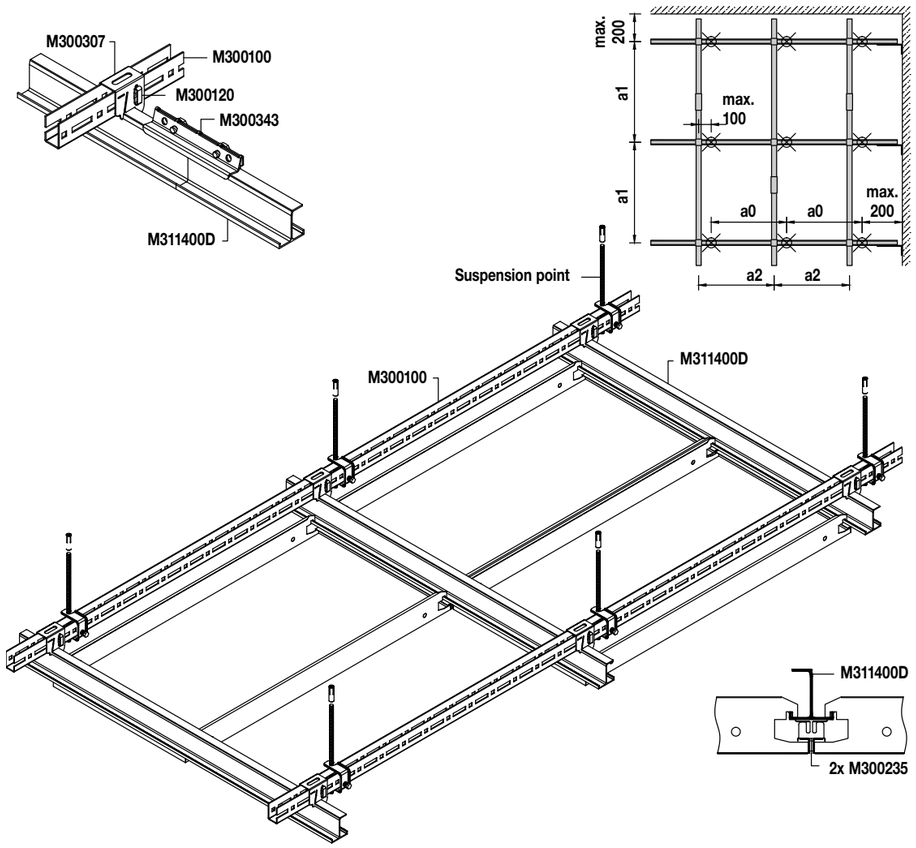
ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300343	Connector for H-profile	Galvanised steel	120 x 22 x 20	100	9,5
M300307	Hanger for H-profile	‘’	62 x 40 x 47	100	3,8
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M300235	Security clip	Spring steel	42 x 18 x 22	100	0,7

SUSPENSION ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300131	Direct hanger for H-profile 35	Galvanised steel	109 x 40 x 30	100	5,2

SYSTEM DRAWING



SPACING PARAMETERS

| | | | | |

C-PROFILE TARTAN

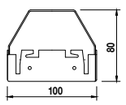
Exposed 100mm grid profile for installation with Metal K-H 400 system

Key Attributes
- Tartan grid layout
- Independent suspension using crossing boxes
- Brackets for hinge-down function and fixing partitions
- Special C-profile widths 70 - 300 mm available upon request

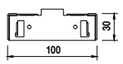
Application area
Retail / Open plan offices / Laboratories / Transport

Physical data
- Material: galvanised steel
- Surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request

CROSSING-BOX & C-PROFILE



M215004

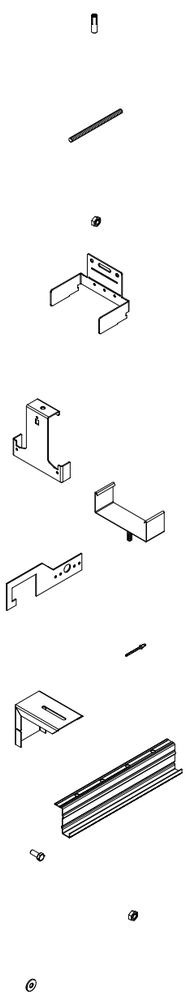


C-PROFILE

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M215004	Crossing-box	Galvanised steel	100 x 100 x 80	1	0,3
Special	C-profile	‘’	L* x 100 x 30	1	-

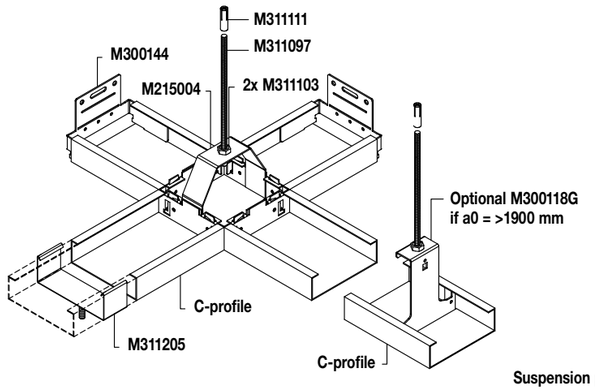
*Variable length up to 2850 mm

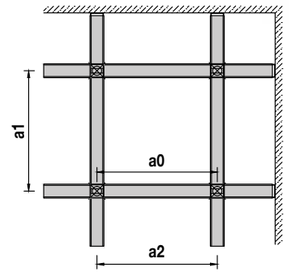
ACCESSORIES

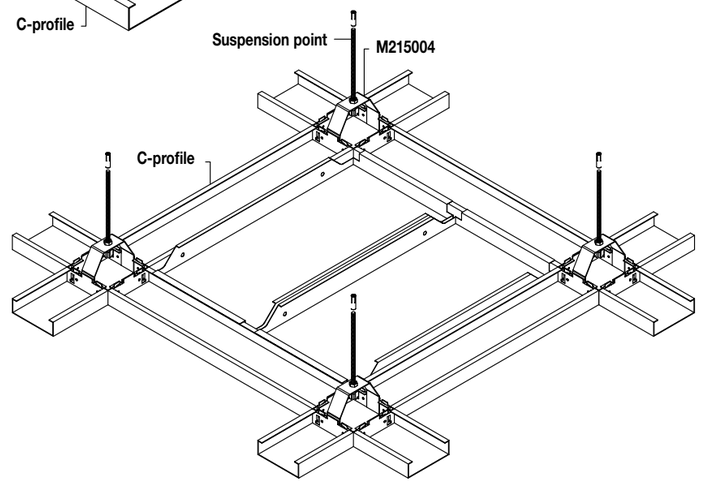


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Standard					
M311111	Expansion bolt M6 x 30 mm	Galvanised steel	M6 x 30	100	0,8
M311097	Threaded rod M6 x 500 mm	‘’	M6 x 500	100	8,4
M311099	Threaded rod M6 x 1000 mm	‘’	M6 x 1000	100	16,0
M311101	Threaded rod M6 x 2000 mm	‘’	M6 x 2000	100	32,0
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M300144	Wall anchor for C-profile 100 mm	‘’	68 x 97 x 60	10	0,8
Optional					
M300118G	Hanger for C-profile 100 mm	Galvanised steel	98 x 97 x 24	100	8,4
M311205	Partition holder for C-profile 100 mm	‘’	102 x 35 x 65	10	0,4
M300175	Bracket for hinge-down function Hook	‘’	148 x 50 x 2	100	4,7
M311307	Pop-rivet TAPD 44 BS (for 1,6 - 3,2 mm gauge)	‘’	37	100	0,1
M311148	Holder for J-bar	‘’	85 x 66 x 50	10	1,0
M300026	J-bar	‘’	3988 x 45	10	25,2
M311303	Hexagonal bolt M6 x 16 mm	‘’	M6 x 16	100	0,5
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311305	Washer M6 18 x 1,6 mm	‘’	Ø18 x 1,6	100	0,3

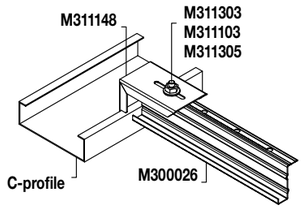
SYSTEM DRAWING

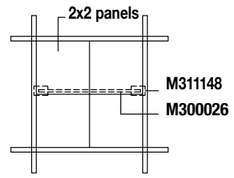


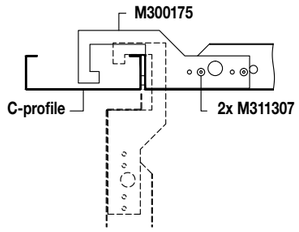




SUSPENSION METHODS







- Quadro option

- Hook option

All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

L-PROFILE

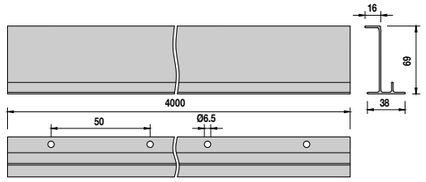
Exposed 38mm grid profile for installation with Metal R-L 201 system

Key Attributes
- Compatible with U-Profile primary grid system
- Alternative independent suspension options
- Providing a slim Bandraster effect

Application area
Offices

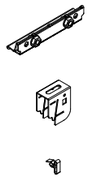
Physical data
- Material: aluminium
- Surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request

L-PROFILE



Item Nr.	Dimensions mm	Material	Content / Carton pcs	lm	Weight / Carton kg
M215440	4000 x 69 x 38	Aluminium	10	40	22,6

ACCESSORIES

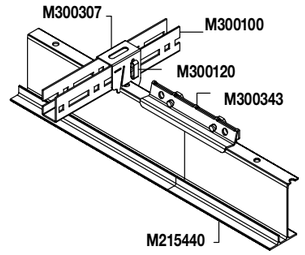


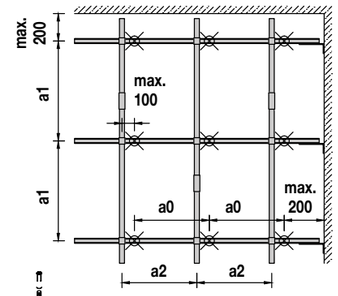
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300343	Connector for L-profile	Galvanised steel	120 x 22 x 20	100	9,5
M300307	Hanger for L-profile	‘’	62 x 40 x 47	100	3,8
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2

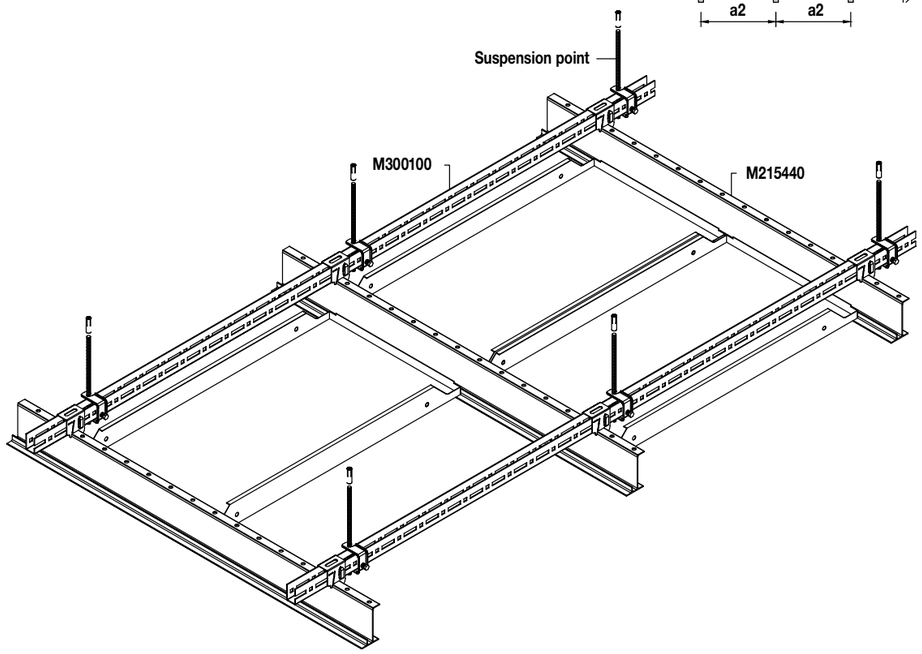
SUSPENSION ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300131	Direct hanger for L-profile	Galvanised steel	109 x 40 x 30	100	5,2

SYSTEM DRAWING







SPACING PARAMETERS

| | | |

HALF DP12 A-BAR / J-BAR / G-PROFILE

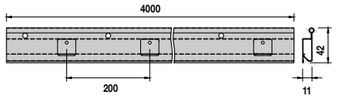
Concealed grid profiles for installation with Metal F-Clip Access or F-H 600

Key Attributes
- Fixed by wall bracket to wall
- Swing-down options available

Application area
Corridor ceilings

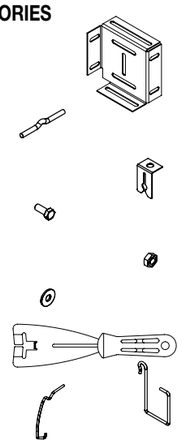
Physical data
- Material: galvanised steel
- Surface finish: galvanised (half DP12 A-Bar / J-Bar), polyester powder painted (G-profile)
- Colour: RAL 9010 (G-profile)
- Other colours available upon request

HALF DP12 A-BAR FOR F-CLIP ACCESS



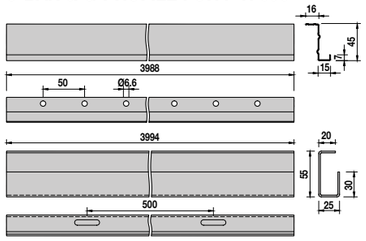
Item Nr.	Dimensions mm	Material	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
Half DP12 A-Bar					
M311149	4000 x 42 x 14	Galvanised steel	10	40	21,2

ACCESSORIES



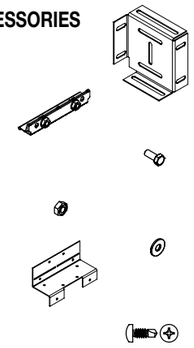
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M311007BK	Wall bracket (black e-coated)	Galvanised steel	100 x 100 x 59	10	2,0
M300138	Connection pin for DP12 A-Bar	‘’	60 x 5	100	0,8
M300209	Hanger for DP12 A-Bar	‘’	31 x 15 x 20	100	0,6
M311303	Hexagonal bolt M6 x16 mm	‘’	M6 x 16	100	0,5
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311305	Washer M6 18 x1,6 mm	‘’	Ø18 x 1,6	100	0,3
M311028	Extraction tool	Steel	228 x 60 x 21	1	0,1
M300189	Swing-down bracket for Access function	Galvanised steel	62 x 45	100	0,7
M300106	Security clip	‘’	54 x 40	100	0,2

J-BAR & G-PROFILE FOR F-H 600



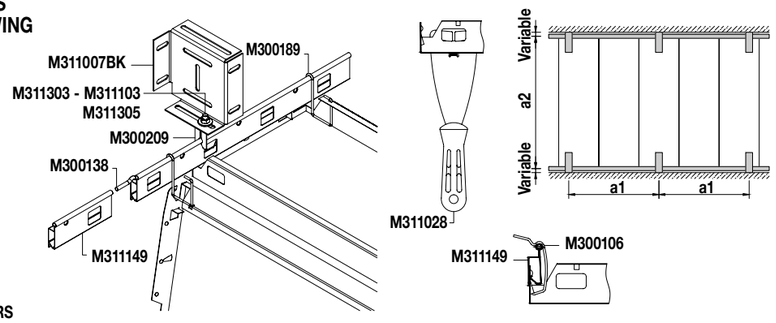
Item Nr.	Dimensions mm	Material	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
J-bar					
M300026	3988 x 45	Galvanised steel	10	40	25,2
G-profile (for Swing option)					
M300171	3994 x 55 x 25	‘’	4	16	33,4

ACCESSORIES



Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M311007BK	Wall bracket (black e-coated)	Galvanised steel	100 x 100 x 59	10	2,0
M300343	Connector for J-bar	‘’	120 x 22 x 20	100	9,5
M311303	Hexagonal bolt M6 x16 mm	‘’	M6 x 16	100	0,5
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311305	Washer M6 18 x1,6 mm	‘’	Ø18 x 1,6	100	0,3
M311218	Security bracket (for J-bar)	‘’	100 x 52 x 38	100	7,5
M311191	Self-drilling screw 3,5 x 9,5 mm	‘’	Ø3,9 x 13	100	0,1

F-CLIP ACCESS SYSTEM DRAWING



SPACING PARAMETERS

| | | | | |

METAL BAFFLES / V-P 500 / V-K 500

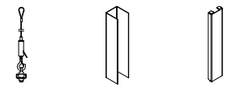
Suspension components and accessories for the Armstrong range of Metal Baffles

Key Attributes
- Metal Baffles: independent cable suspension system and accessories
- V-P 500: hangers, brackets and accessories of installation with U-Profile primary grid system
- V-K 500: direct suspension system and accessories for a Tartan Baffles layout

Application area
Retail / Open plan offices / Transport

Physical data
- Material: galvanised steel
- Surface finish: polyester powder painted / galvanised
- Colour: RAL 9010 or Black / n/a
- Other colours available upon request

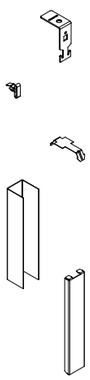
METAL BAFFLES ACCESSORIES



CS5136 M300371BK M300375

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
CS5136	Metal Baffles hanging kit	Galvanised steel	2000	4	0,2
M300371BK	Connector for vertical Baffles 300 mm***	‘’	28 x 292 x 30	1	0,2
M300375	Face cover for vertical Baffles 300 mm*	‘’	29 x 299 x 8	1	0,1

V-P 500 ACCESSORIES

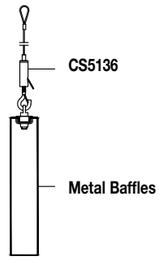


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M300367BZC	Hanger for vertical Baffles**	Galvanised steel	52 x 36 x 20	100	1,4
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M311044	Distance holder for vertical Baffles	Spring steel	50 x 20	100	0,3
M300368BK	Connector for vertical Baffles 150 mm***	Galvanised steel	28 x 142 x 30	1	0,1
M300369BK	Connector for vertical Baffles 200 mm***	‘’	28 x 192 x 30	1	0,1
M300370BK	Connector for vertical Baffles 250 mm***	‘’	28 x 242 x 30	1	0,1
M300371BK	Connector for vertical Baffles 300 mm***	‘’	28 x 292 x 30	1	0,2
M300372	Face cover for vertical Baffles 150 mm*	‘’	29 x 149 x 8	1	0,1
M300373	Face cover for vertical Baffles 200 mm*	‘’	29 x 199 x 8	1	0,1
M300374	Face cover for vertical Baffles 250 mm*	‘’	29 x 249 x 8	1	0,1
M300375	Face cover for vertical Baffles 300 mm*	‘’	29 x 299 x 8	1	0,1

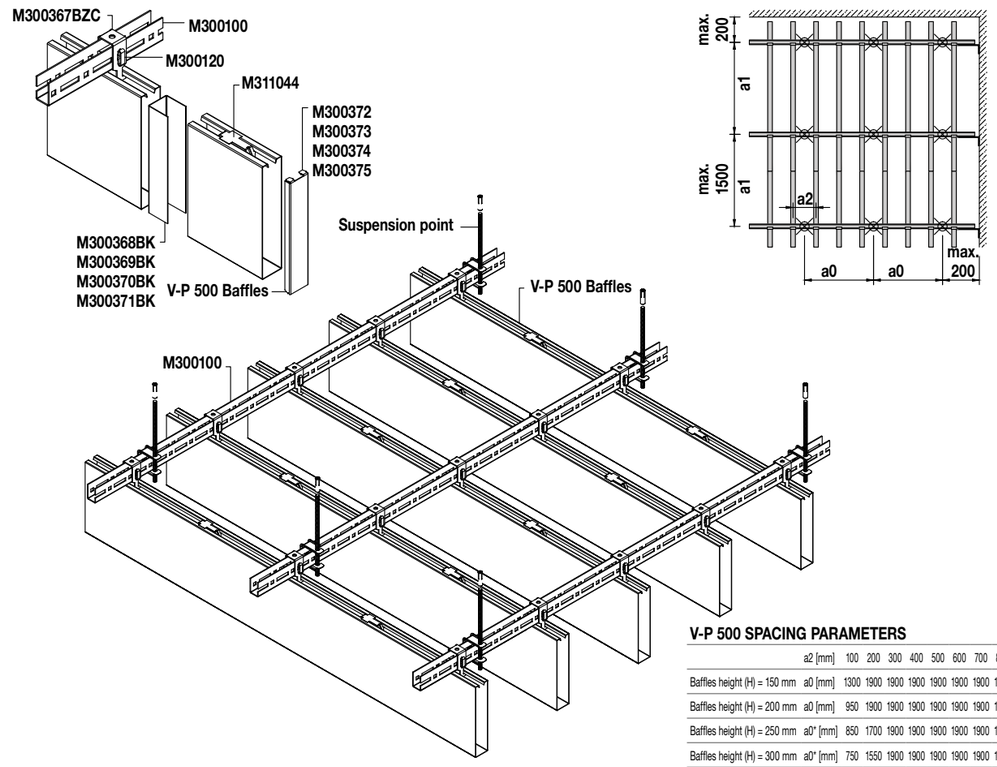
V-K 500 ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
M311111	Expansion bolt M6 x 30 mm	Galvanised steel	M6 x 30	100	0,8
M311097	Threaded rod M6 x 500 mm	‘’	M6 x 500	100	8,4
M311099	Threaded rod M6 x 1000 mm	‘’	M6 x 1000	100	16,0
M311101	Threaded rod M6 x 2000 mm	‘’	M6 x 2000	100	32,0
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311040	Coupling holder for vertical Baffles	‘’	50 x 18 x 10	100	1,3
M311041	Corner coupling holder for vertical Baffles	‘’	31 x 18 x 10	100	0,8
M311042	Coupling clamp for vertical Baffles	‘’	40 x 18 x 6	100	0,7
M311043	Corner coupling clamp for vertical Baffles	‘’	62 x 26 x 6	100	1,4
M311085	Hexagonal bolt M6 x 25 mm	‘’	M6 x 25	100	0,7
M311044	Distance holder for vertical Baffles	Spring steel	50 x 20	100	0,3
M311039	Grip 30 mm for vertical Baffles	‘’	30 x 8 x 16	100	0,2
M311307	Pop-rivet TAPD 44 BS (for 1,6 - 3,2 mm gauge)	Galvanised steel	37	100	0,1

METAL BAFFLES SYSTEM DRAWING



V-P 500 SYSTEM DRAWING



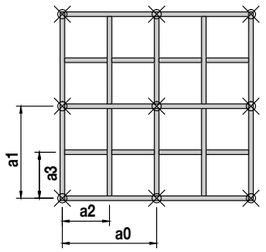
V-P 500 SPACING PARAMETERS

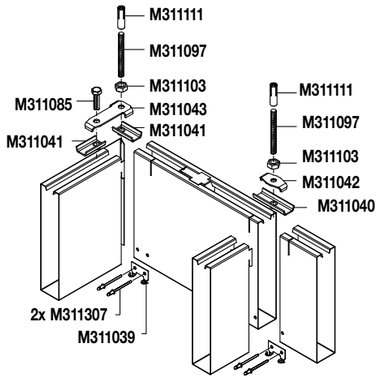
	a2 [mm]	100	200	300	400	500	600	700	800	900	1000
Baffles height (H) = 150 mm	a0 [mm]	1300	1900	1900	1900	1900	1900	1900	1900	1900	1900
Baffles height (H) = 200 mm	a0 [mm]	950	1900	1900	1900	1900	1900	1900	1900	1900	1900
Baffles height (H) = 250 mm	a0* [mm]	850	1700	1900	1900	1900	1900	1900	1900	1900	1900
Baffles height (H) = 300 mm	a0* [mm]	750	1550	1900	1900	1900	1900	1900	1900	1900	1900

V-K 500 SYSTEM DRAWING

V-K 500 SPACING PARAMETERS

a2 [mm]	100	250	500	750	1000
a0 [mm]	500	750	1000	1500	1500





* Standard RAL 9010 on visible side, further RAL / NCS colours on request.
** Black zinc coated item. *** RAL 9005 black.
All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

OPTIMA BAFFLES & CANOPY RANGE

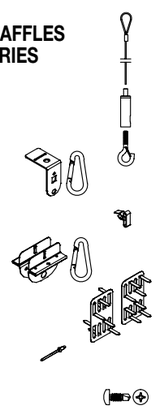
Suspension components and accessories for floating ceilings.

Key Attributes
- Optima Baffles: independent cable suspension system and accessories for grouped and aligned installation
- Optima L & Optima Curved Canopy: independent cable suspension system
- Optima Canopy: independent cable suspension system and brackets for single suspension or grouping frame option

Application area
Reception areas / Meeting areas / Circulation spaces / Retail

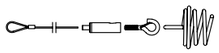
Physical data
- Galvanised steel components, Aluminium frames
- Surface finish: galvanised (steel)
- Colour: Black & Global White Aluminium frames

OPTIMA BAFFLES ACCESSORIES



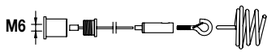
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
CS5135	Hanging wire kit	Galvanised steel	2000	4	0,2
CS5547BZC	U-profile hanging kit*	‘’	38 x 22 x 40	12	0,3
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
CS5548BZC	Prelude 24 hanging kit*	‘’	12 x 50 x 40	12	0,5
CS5549	Optima Baffles connector kit	‘’	60 x 35	10	0,2
M311307	Pop-rivet TAPD 44 BS (for 1,6 - 3,2 mm gauge)	‘’	37	100	0,1
M311191	Self-drilling screw 3,5x9,5 mm	‘’	Ø3,5 x 9,5	100	0,1

OPTIMA L CANOPY ACCESSORIES



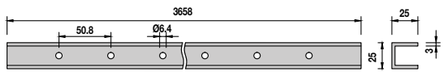
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
CS4979	Basic spiral anchor hanging kit	Galvanised steel	2000	4	0,1

OPTIMA CURVED CANOPY ACCESSORIES



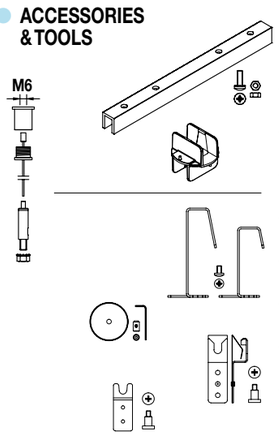
CS6636	Premium spiral anchor hanging kit	Galvanised steel	4877	4	0,2

OPTIMA CANOPY GRID & ACCESSORIES



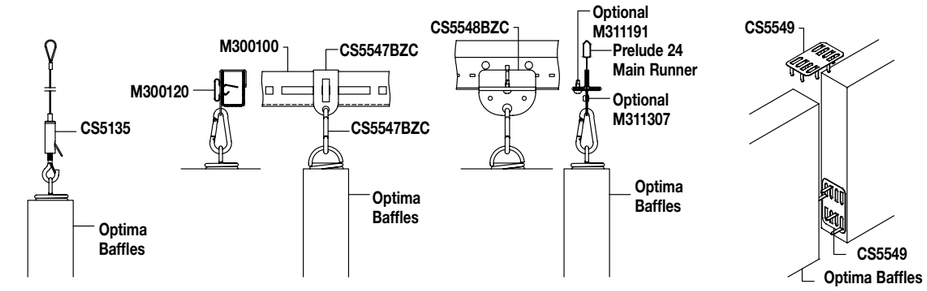
Item Nr.	Dimensions mm	Material	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
CS5451	3658 x 26 x 26	Aluminium (black)	4	14,6	4,1
CS5451WG	3658 x 26 x 26	Aluminium (Global White)	4	14,6	4,1

ACCESSORIES & TOOLS



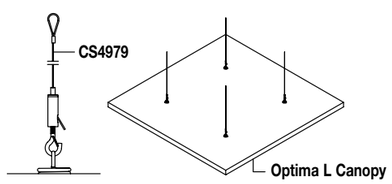
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
CS5452	Frame splice kit (black)	Aluminium	254 x 18 x 22	2	0,3
CS5452WG	Frame splice kit (Global White)	‘’	254 x 18 x 22	2	0,3
CS5453	Frame alignement kit	Plastic	Ø63 x 57	4	0,2
CS5450	Deck hanging kit	Galvanised steel	2438	4	0,1
CS5454	Panel hook kit (black)	Aluminium	-	2	0,2
CS5454WG	Panel hook kit (Global White)	‘’	-	2	0,2
CS5047A	Escutcheon hanging kit (white)	Galvanised steel	Ø48 x 5	2	0,1
CS5455	Drywall hanging kit	‘’	91 x 26 x 21	2	0,1
CS5588	Wall hanging kit	‘’	64 x 25 x 6	4	0,1

OPTIMA BAFFLES SYSTEM DRAWING

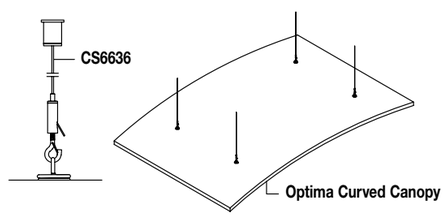


- Single suspension
- U-Profile grouping option
- Prelude 24 grouping option
- Connector detail

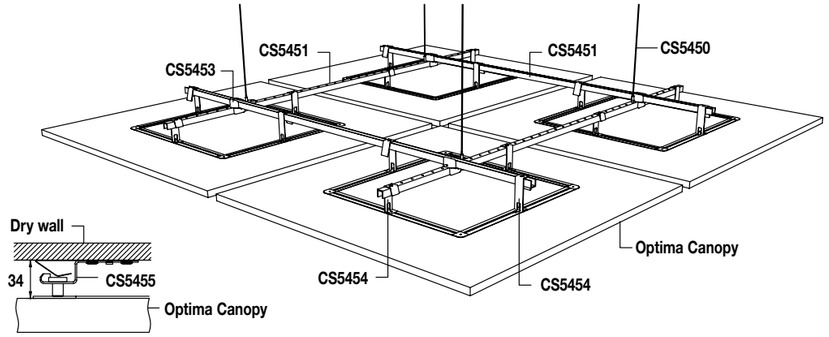
OPTIMA L CANOPY SYSTEM DRAWING



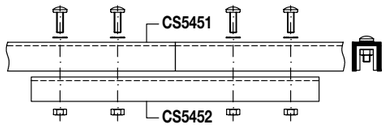
OPTIMA CURVED CANOPY SYSTEM DRAWING



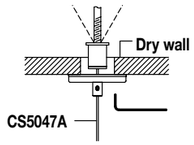
OPTIMA CANOPY SYSTEM DRAWING



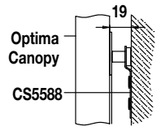
- Dry wall hanging kit



- Frame splice kit



- Escutcheon hanging kit



- Wall hanging kit

All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

METAL CANOPY / EASY CANOPY

Suspension components and accessories for the Armstrong range of metal canopies

Key Attributes
- Metal Canopy & Easy Canopy: Independent cable suspension system and accessories for flat, convex or concave canopies
- D-Clip system: hangers, brackets and accessories for installation of D-Clip panels using U-Profile primary grid system and DP12 A-Bar
- D-H 700: hangers, brackets and accessories for installation of D-H 700 panels using the U-Profile primary grid system

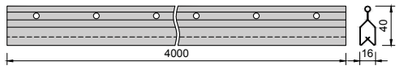
Application area
Reception areas / Meeting areas / Circulation spaces / Retail

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

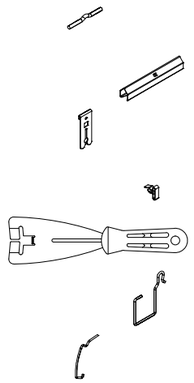
METAL & EASY CANOPY ACCESSORIES

Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
CS5550	Metal & Easy Canopy hanging kit	Galvanised steel	4000	4	0,5

D-CLIP GRID & ACCESSORIES

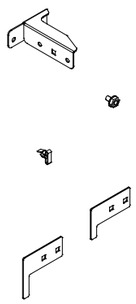


Item Nr.	Dimensions mm	Material	Content / Carton pcs	lm	Weight / Carton kg
DP12 A-Bar					
M311022	4000 x 40 x 16	Galvanised steel	10	40	21,3



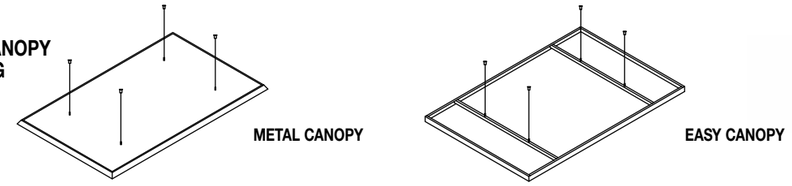
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Accessories					
M300138	Connection-pin for DP12 A-Bar	Galvanised steel	60 x 5	100	0,8
M311023	Connector for DP12 A-Bar	‘’	100 x 17 x 15	100	2,0
M300105D	Hanger for DP12 A-Bar	‘’	52 x 20 x 4	100	0,6
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M311028	Extraction tool	Steel	228 x 60 x 21	1	0,1
M300188	Swing-down bracket for Access function	Galvanised steel	62 x 54	100	0,7
M300106	Security clip	‘’	54 x 40	100	0,2

D-H 700 ACCESSORIES

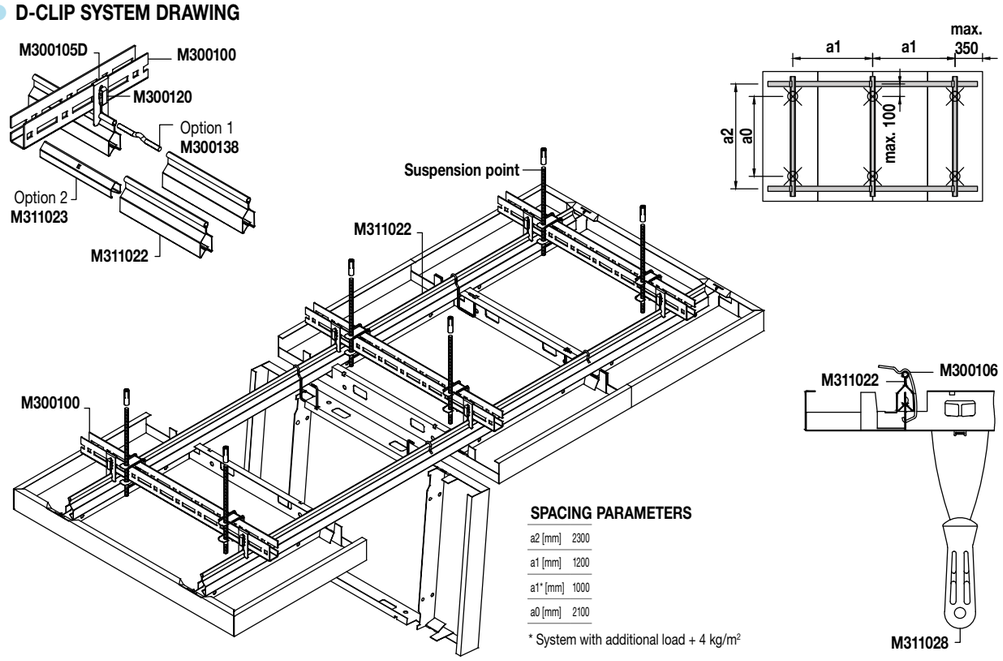


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Weight / Carton kg
Accessories					
M315710	Cross-connector for U-profile	Galvanised steel	92 x 69 x 28	50	3,5
M311195	Thread cutting screw M6x10 mm	‘’	M6 x 10	100	0,5
M300120	Plug-in clip	‘’	20 x 21 x 6	100	0,2
M315711	Security bracket H = 50 mm	‘’	70 x 48	100	2,5
M315712	Security bracket H = 65 mm (optional for chilled ceiling application)	‘’	70 x 63	100	2,8

METAL & EASY CANOPY SYSTEM DRAWING



D-CLIP SYSTEM DRAWING

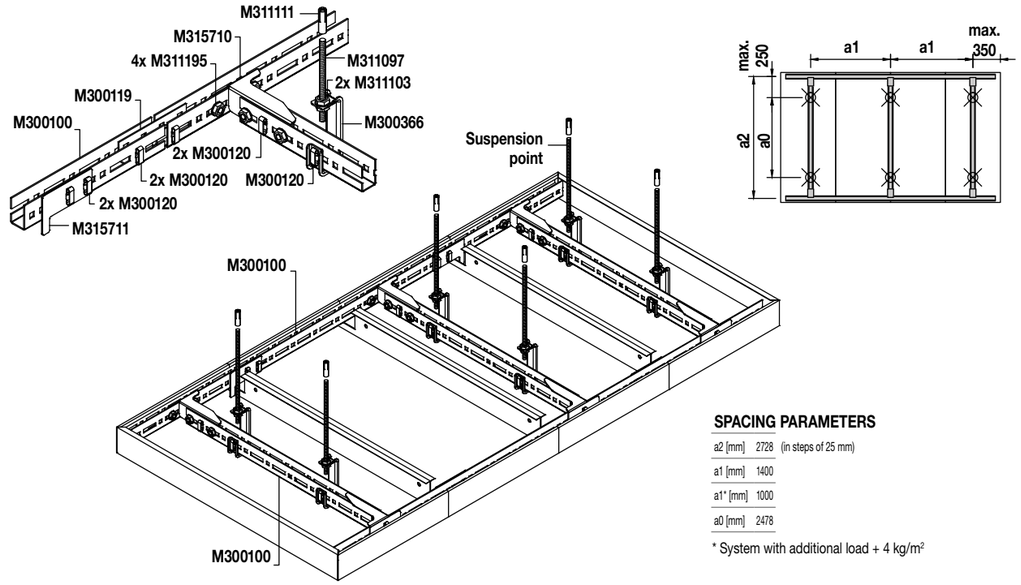


SPACING PARAMETERS

a2 [mm]	2300
a1 [mm]	1200
a1* [mm]	1000
a0 [mm]	2100

* System with additional load + 4 kg/m²

D-H 700 SYSTEM DRAWING



SPACING PARAMETERS

a2 [mm]	2728	(in steps of 25 mm)
a1 [mm]	1400	
a1* [mm]	1000	
a0 [mm]	2478	

* System with additional load + 4 kg/m²

All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

AXIOM C CANOPY

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

Key Attributes

- 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 either Prelude 15 or Prelude 24 grid for installation with full size ceiling tiles
- Corner posts for high quality corner detailing

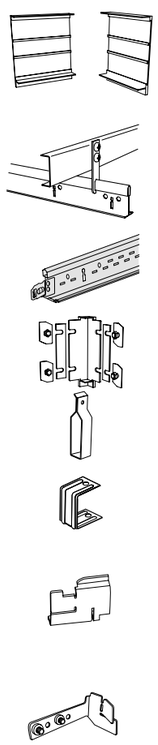
Application area

Reception areas / Meeting areas / Circulation spaces / Retail

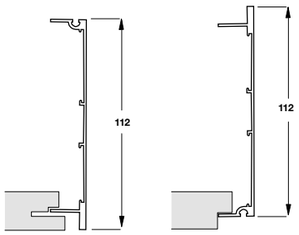
Physical data

- Material: aluminium / galvanised steel
- Surface finish: polyester powder painted
- Colour: Global White
- Other colours available upon request

AXIOM C CANOPY COMPONENTS

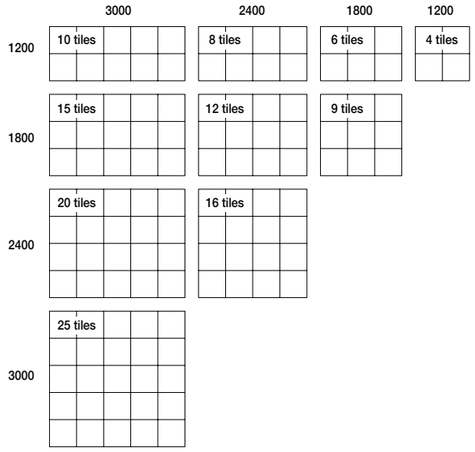


Item Nr.	Description
55 14 11 G	AXIOM Vector MicroLook Tegular Profile
C 3000 H	C Channel 19 x 38mm
A WDN 21 H	T bar hanger
	Cut to size Main Runner 600 mm XL² Cross Tees
A 345 G	AXIOM Vector MicroLook Tegular Profile corner post
A 348 G	Channel bracket
CA 97 H	Clamp for C channel
A 347 G	24 mm XL² connector clip
A 346 G	15 mm XL² connector clip
A 339 H	AXIOM Universal T bar connector clip for cut tees with screws



Vector

Tegular / MicroLook



AXIOM C CANOPY KITS*

Module	Grid system 15 mm XL² Item Nr.	Grid system 24 mm XL² Item Nr.
1200 x 1200 mm	AX 22 G15	AX 22 G24
1800 x 1200 mm	AX 32 G15	AX 32 G24
1800 x 1800 mm	AX 33 G15	AX 33 G24
2400 x 1200 mm	AX 42 G15	AX 42 G24
2400 x 1800 mm	AX 43 G15	AX 43 G24
2400 x 2400 mm	AX 44 G15	AX 44 G24
3000 x 1200 mm	AX 52 G15	AX 52 G24
3000 x 1800 mm	AX 53 G15	AX 53 G24
3000 x 2400 mm	AX 54 G15	AX 54 G24
3000 x 3000 mm	AX 55 G15	AX 55 G24

*Ceiling tiles are NOT included in the kit.

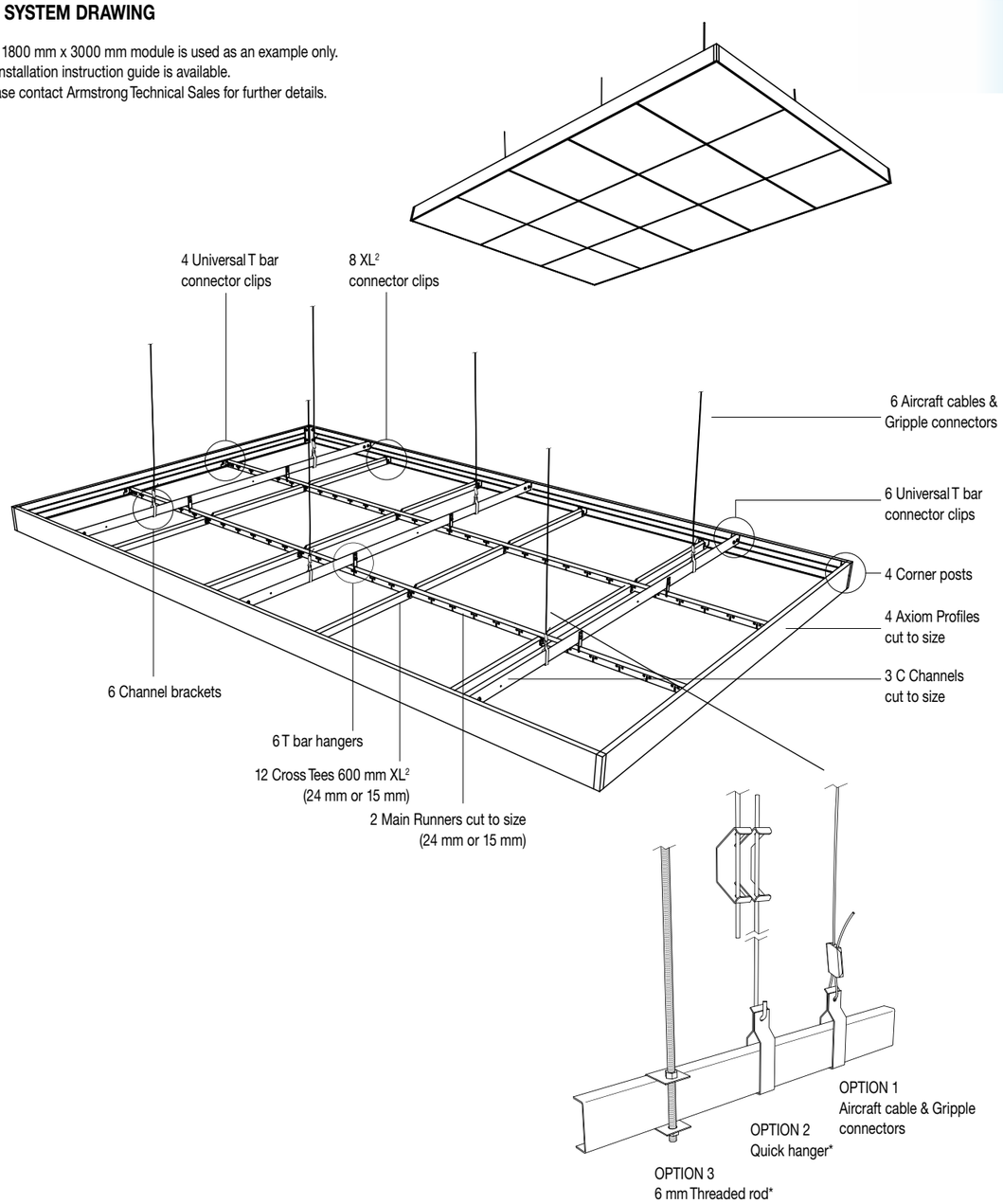
RECOMMENDATIONS

AXIOM C Canopy should always be installed in accordance with all applicable building codes and regulations.

- AXIOM C Canopy should only be installed on a horizontal plane. They are not approved for exterior installations.
- AXIOM C Canopy should always be installed by a minimum of 2 people.
- Read the installation instructions included in the carton carefully before starting the installation.
- Make sure the installation is clean and safe.
- Any additional weights (such as luminaires...) must be independently suspended from the soffit.
- Aircraft cables are included as a standard in the kit but if you require more lateral restraint, we would recommend the use of 6 mm threaded rod or provide diagonal bracing.

SYSTEM DRAWING

The 1800 mm x 3000 mm module is used as an example only.
An installation instruction guide is available.
Please contact Armstrong Technical Sales for further details.



* not included in the kit

All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

AXIOM C CANOPY SL2 PLANKS

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

Key Attributes

- 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
- Corner posts for high quality corner detailing

Application area

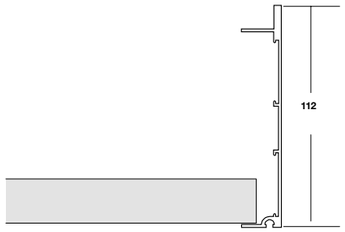
Reception areas / Meeting areas / Circulation spaces / Retail

Physical data

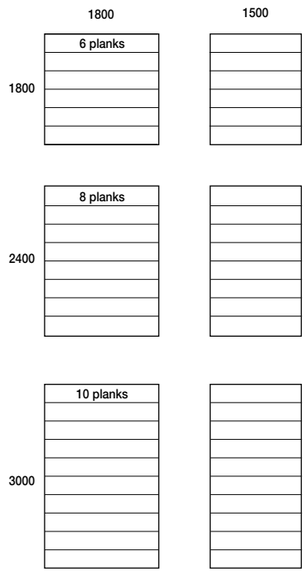
- Material: aluminium / galvanised steel
- Surface finish: polyester powder painted
- Colour: Global White
- Other colours available upon request

AXIOM C CANOPY SL2 PLANKS ELEMENTS

Item Nr.	Description
55 14 11 G	AXIOM C Canopy Profile
C 3000 H	C Channel 19 x 38 mm
CZ 41 494 J	Z-bar 30,5 x 1500 mm
CZ 41 794 J	Z-barl 30,5 x 1800 mm
A 345 G	AXIOM Vector MicroLook Tegular Profile corner post
A 348 G	Channel Bracket for Canopy
CA 97 H	Clamp for C channel
A 339 H	AXIOM Universal T bar connector clip for cut tees with screws



AXIOM Profile Vector/Tegular 55 14 11 G



AXIOM C CANOPY SL2 PLANKS KITS*

Module	Item Nr.
1800 x 1500 mm	AX 22 36G SL2
2400 x 1500 mm	AX 22 46G SL2
3000 x 1500 mm	AX 22 56G SL2
1800 x 1800 mm	AX 22 33G SL2
2400 x 1800 mm	AX 22 43G SL2
3000 x 1800 mm	AX 22 53G SL2

*SL2 Planks are NOT included in the kit.

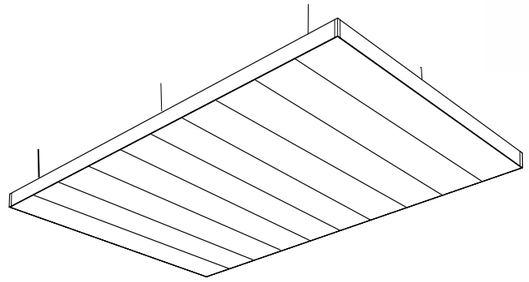
RECOMMENDATIONS

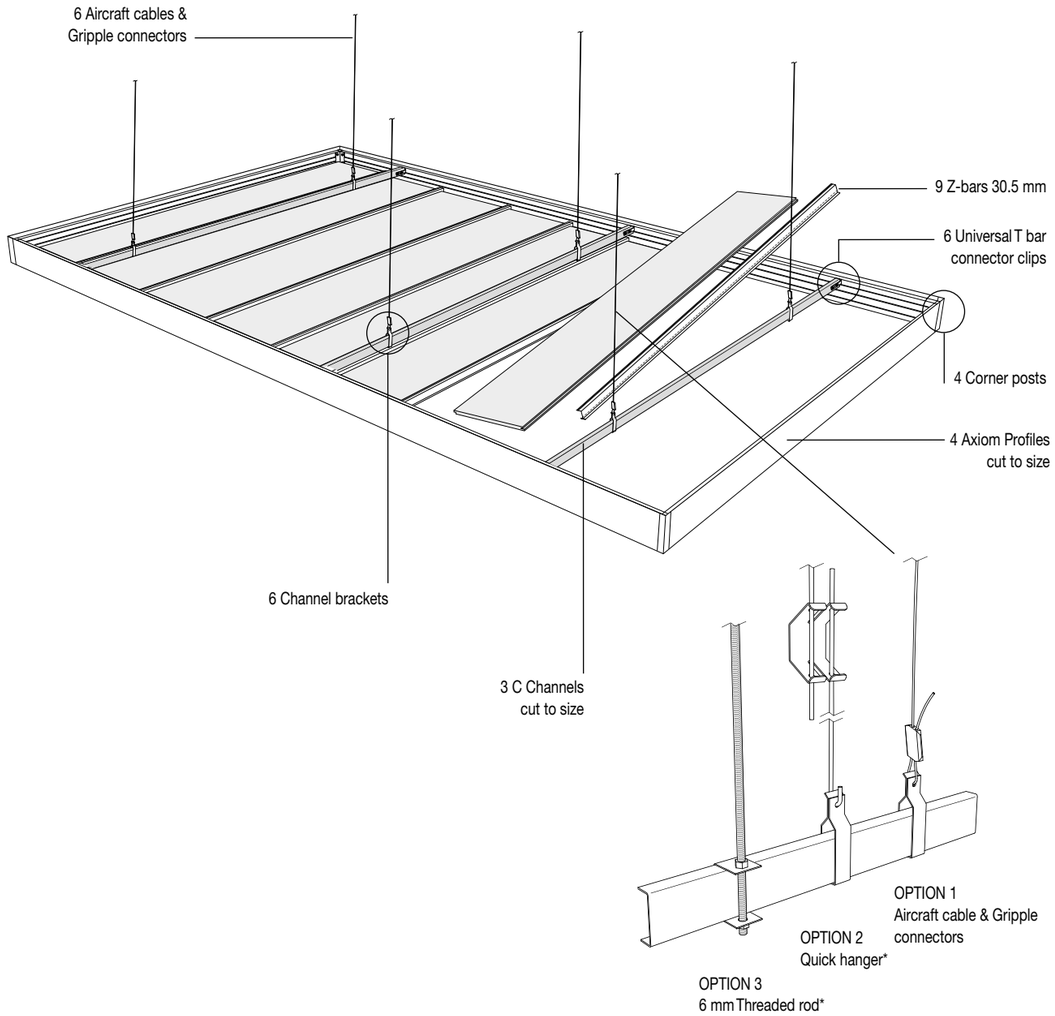
AXIOM C Canopy should always be installed in accordance with all applicable building codes and regulations.

- AXIOM C Canopy should only be installed on a horizontal plane. They are not approved for exterior installations.
- AXIOM C Canopy should always be installed by a minimum of 2 people.
- Read the installation instructions included in the carton carefully before starting the installation.
- Make sure the installation is clean and safe.
- Any additional weights (such as luminaires...) must be independently suspended from the soffit.
- Aircraft cables are included as a standard in the kit but if you require more lateral restraint, we would recommend the use of 6 mm threaded rod or provide diagonal bracing.

SYSTEM DRAWING

The 1800 mm x 3000 mm module is used as an example only.
An installation instruction guide is available.
Please contact Armstrong Technical Sales for further details.





* not included in the kit

Max. tile load: 10kg/m²
All canopies available in Global White. For any other colours / further information on customized size modules, please contact Armstrong Technical Sales.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

AXIOM KE CANOPY

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

Key Attributes

- 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 either Prelude 15 or Prelude 24 grid for installation with full size ceiling tiles
- Pre-fabricated corner sections for high quality corner detailing

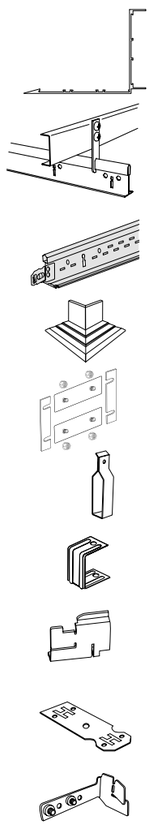
Application area

Reception areas / Meeting areas / Circulation spaces / Retail

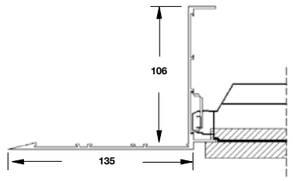
Physical data

- Material: aluminium / galvanised steel
- Surface finish: polyester powder painted
- Colour: Global White
- Other colours available upon request

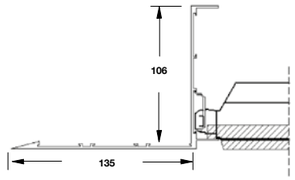
AXIOM KE CANOPY COMPONENTS



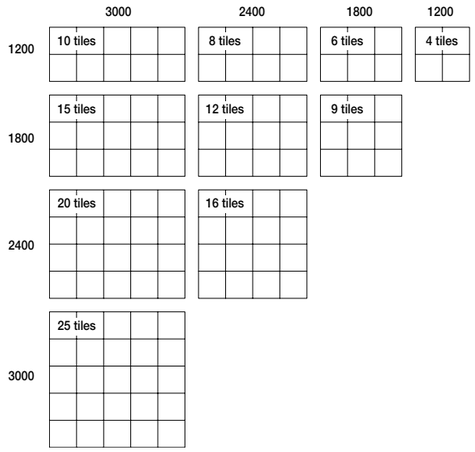
Item Nr.	Description
CS 57 42 06 G	AXIOM KE Profile
C 3000 H	C Channel 19 x 38mm
A WDN 21 H	T bar hanger
	Cut to size Main Runner 600 mm XL² Cross Tees
CS 57 G	Mitre corner piece
A 361 G	Mitre corner splice connector
A 348 G	Channel bracket
CA 97 H	Clamp for C channel
A 347 G	24 mm XL² connector clip
A 346 G	15 mm XL² connector clip
A 338 H	AXIOM Universal splice plate
A 339 H	AXIOM universal T bar connector clip for cut tees with screws



Vector



Tegular / MicroLook



AXIOM KE CANOPY KITS*

Module	Grid system 15 mm XL² Item Nr.	Grid system 24 mm XL² Item Nr.
1200 x 1200 mm	CS AK 22 G15	CS AK 22 G24
1800 x 1200 mm	CS AK 32 G15	CS AK 32 G24
1800 x 1800 mm	CS AK 33 G15	CS AK 33 G24
2400 x 1200 mm	CS AK 42 G15	CS AK 42 G24
2400 x 1800 mm	CS AK 43 G15	CS AK 43 G24
2400 x 2400 mm	CS AK 44 G15	CS AK 44 G24
3000 x 1200 mm	CS AK 52 G15	CS AK 52 G24
3000 x 1800 mm	CS AK 53 G15	CS AK 53 G24
3000 x 2400 mm	CS AK 54 G15	CS AK 54 G24
3000 x 3000 mm	CS AK 55 G15	CS AK 55 G24

*Ceiling tiles are NOT included in the kit.

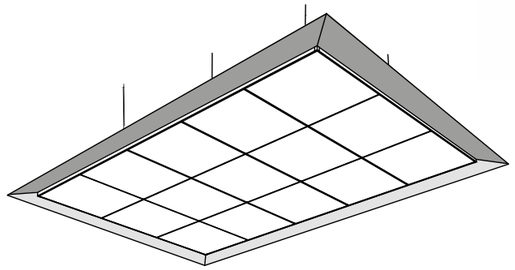
RECOMMENDATIONS

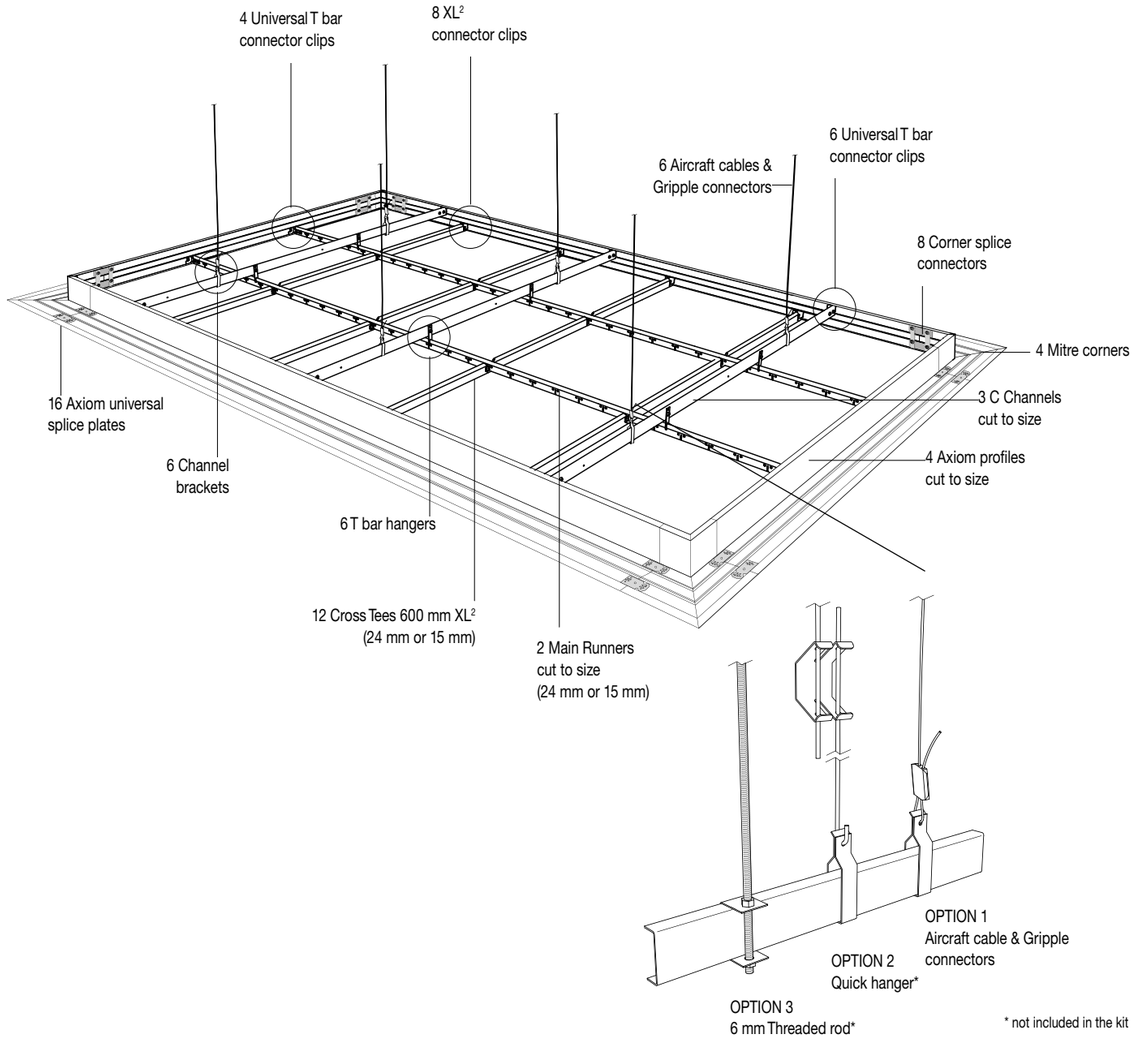
AXIOM KE Canopies should always be installed in accordance with all applicable building codes and regulations.

- AXIOM KE Canopies should only be installed on a horizontal plane. They are not approved for exterior installations.
- AXIOM KE Canopies should always be installed by a minimum of 2 people.
- Read the installation instructions included in the carton carefully before starting the installation.
- Make sure the installation is clean and safe.
- Any additional weights (such as luminaires...) must be independently suspended from the soffit.
- Aircraft cables are included as a standard in the kit but if you require more lateral restraint, we would recommend the use of 6 mm threaded rod or provide diagonal bracing.

SYSTEM DRAWING

The 1800 mm x 3000 mm module is used as an example only.
An installation instruction guide is available.
Please contact Armstrong Technical Sales for further details.





* not included in the kit

All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

AXIOM CIRCLE & CURVED CANOPY

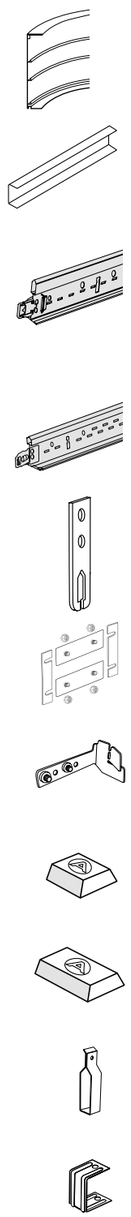
Floating ceiling suspension kits using curved 100mm AXIOM Profile to create attractive rounded ceiling clouds

Key Attributes
- 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 either Prelude 15 or Prelude 24 grid
- Pre-curved sections for high quality finish - no cutting on site

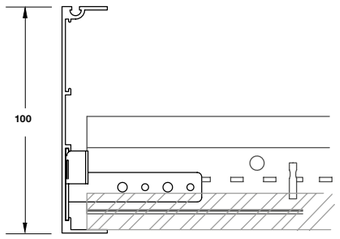
Application area
Reception areas / Meeting areas / Circulation spaces / Retail

Physical data
- Material: aluminium / galvanised steel
- Surface finish: polyester powder painted
- Colour: Global White
- Other colours available upon request

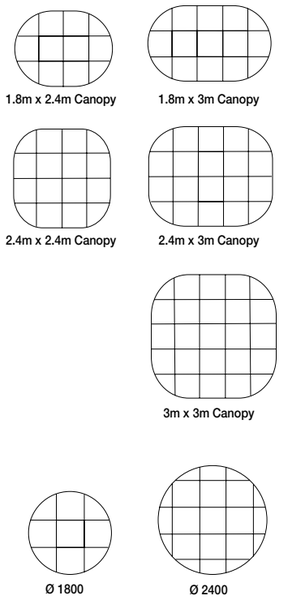
AXIOM CIRCLE COMPONENTS



Item Nr.	Description
62 42 06 G	AXIOM Circle and Curved Profile
C 3000 H	C Channel 19 x 38 mm
30 40 33 A	Prelude Peakform Main Runner T15 or
31 40 32 A	Prelude Peakform Main Runner T24
30 20 33 B	Prelude XL² Cross Tee 600 mm T15 or
31 20 21 A	Prelude XL² Cross Tee 600 mm T24
AWDN 21 H	T bar hanger
A 361 G	Splice connector
A 339 H	AXIOM universal T bar connector clip for cut tees with screws
A 156 G	Perimeter fill-in for 15 mm grid
A 246 G	Perimeter fill-in for 24 mm grid
A 348 G	Channel bracket
CA 97 H	Clamp for C channel



Tegular / MicroLook 8mm



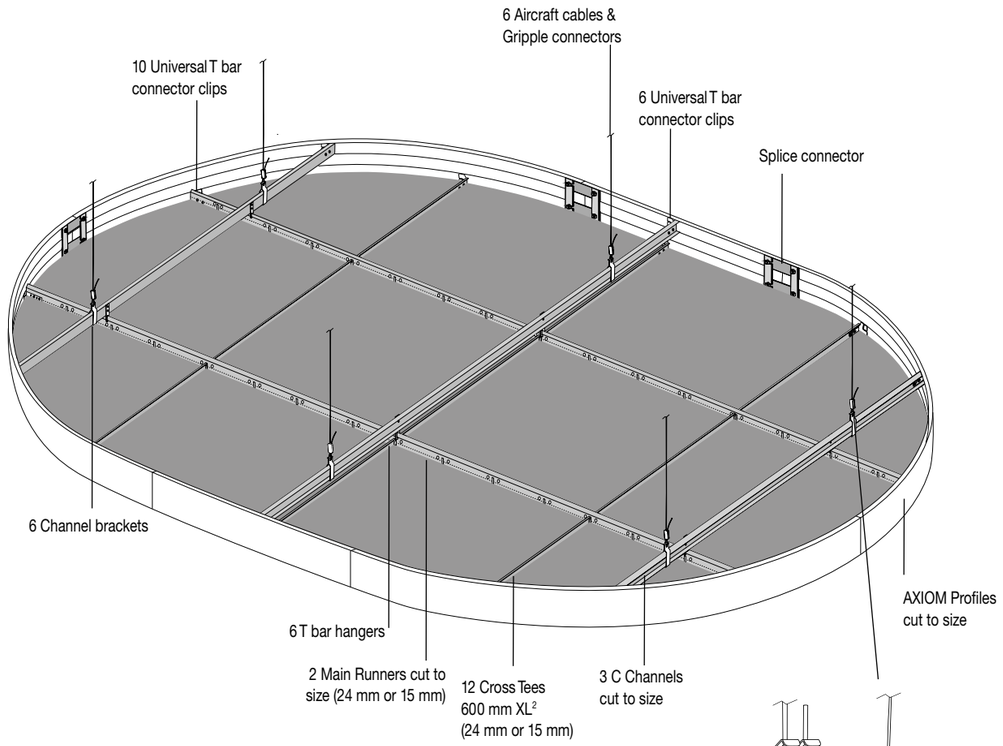
AXIOM CIRCLE & CURVED CANOPY KITS

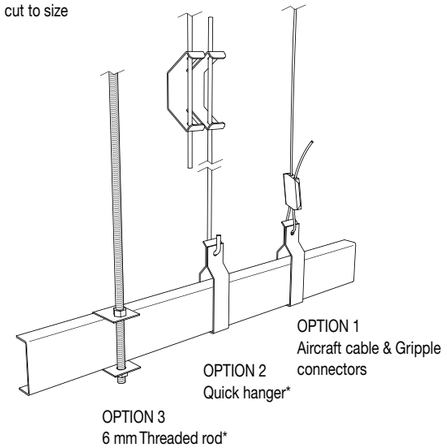
Module	Grid system 15 mm XL² Item Nr.	Grid system 24 mm XL² Item Nr.
Circle 1800	CS ACI 33 G15	CS ACI 33 G24
Circle 2400	CS ACI 44 G15	CS ACI 44 G24
Curved 2400 x 1800	CS ACU 43 G15	CS ACU 43 G24
Curved 2400 x 2400	CS ACU 44 G15	CS ACU 44 G24
Curved 3000 x 1800	CS ACU 53 G15	CS ACU 53 G24
Curved 3000 x 2400	CS ACU 54 G15	CS ACU 54 G24
Curved 3000 x 3000	CS ACU 55 G15	CS ACU 55 G24

*Ceiling tiles are NOT included in the kit.

SYSTEM DRAWING

An installation instruction guide is included within every carton.





* not included in the kit

Max load: 10kg/m²
All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

AXIOM L CANOPY

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

Key Attributes

- 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

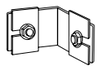
Application area

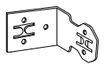
Reception areas / Meeting areas / Circulation spaces / Retail

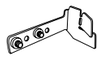
Physical data

- Material: aluminium / galvanised steel
- Surface finish: polyester powder painted
- Colour: Global White only

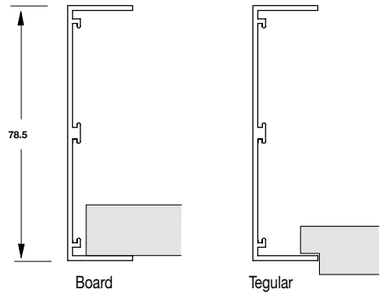
AXIOM L CANOPY COMPONENTS

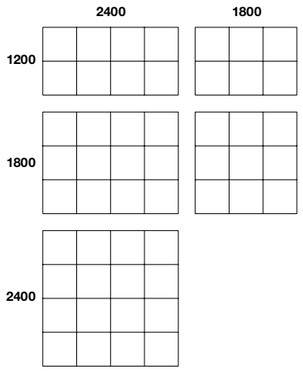






Item Nr.	Description
CS 534205	AXIOM L Profile (78.5 mm height)
404093 G	Prelude Sixty² Main Runner
312021 A	Prelude 24 XL² Cross Tee
A 390	Mitre corner connector
A 340 H	AXIOM Universal corner clip
A 339 H	AXIOM Universal T bar connector clip for cut tees with screws
A 347 G	AXIOM 24mm XL² connector clip





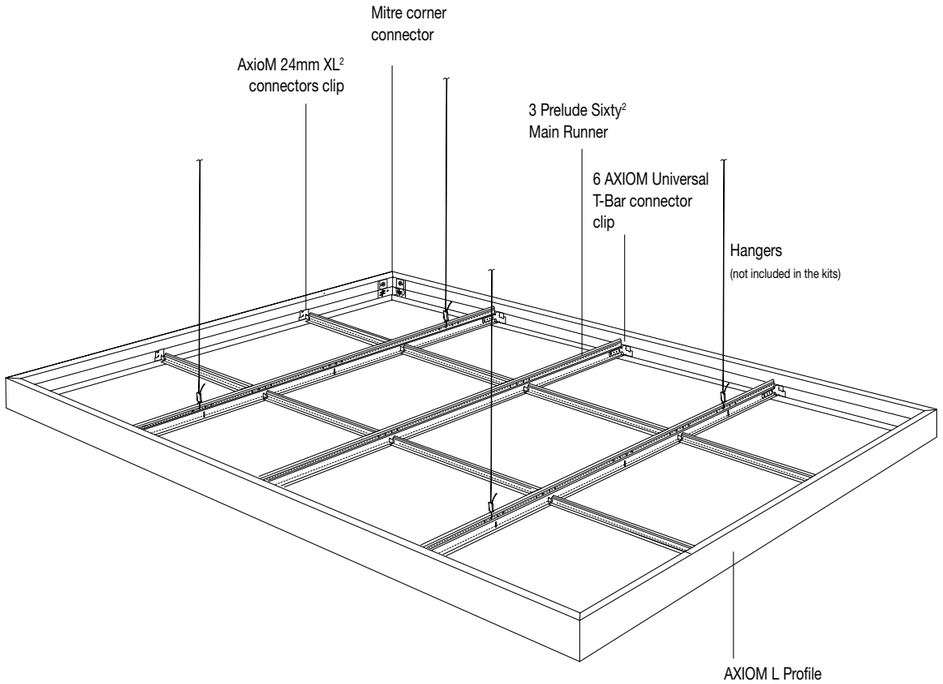
AXIOM L CANOPY KITS

Module	Grid system 24 mm XL² Item Nr.
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 kit.

SYSTEM DRAWING

An installation instruction guide is included within every carton.



Max load: 5kg/m²
All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

AXIOM PROFILES

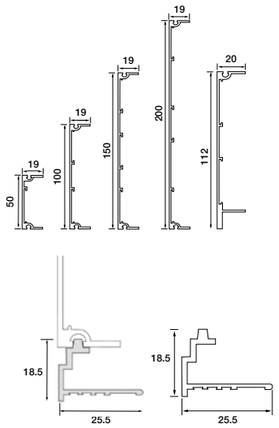
Extruded aluminium sections for perimeter detailing, changes of level and lighting features

Key Attributes
- Available in 5 different heights with Axiom corner posts and universal accessories for secure and easy installation
- Compatible with Armstrong exposed ceilings grid systems including Silhouette and Interlude HRC designer grids
- Plasterboard trims for seamless integration with plasterboard ceings and Armstrong Drywall Grid System
- Factory finished - no on-site decoration required - save time on plastering, sanding and painting

Application area
All ceilings - Perimeters / Changes in level / Lighting features

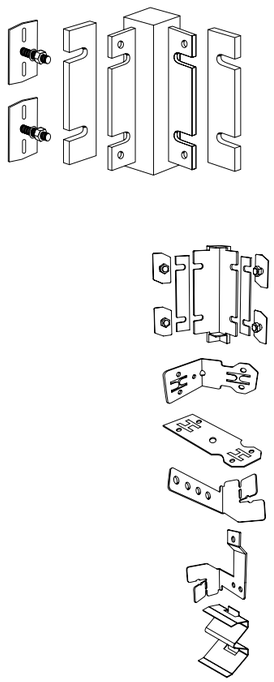
Physical data
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE



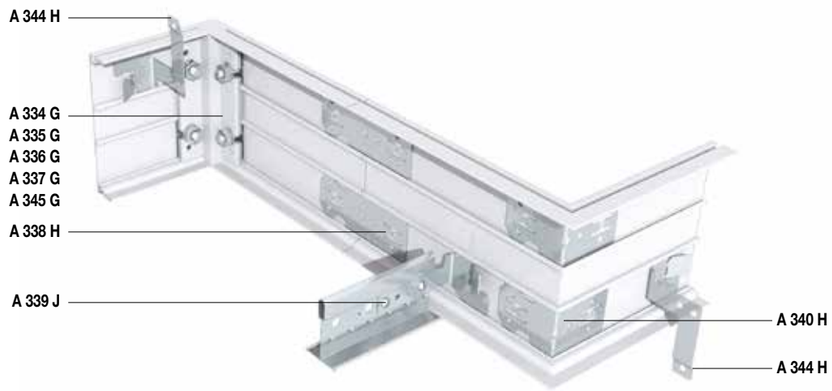
Item Nr.	Designation	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
52 42 06 G(1)	AXIOM Profiles 50 mm	3000	50	5	15,00	7,80	60
54 42 06 G(1)	AXIOM Profiles 100 mm	3000	100	5	15,00	11,20	36
56 42 06 G(1)	AXIOM Profiles 150 mm	3000	150	5	15,00	14,70	30
58 42 06 G(1)	AXIOM Profiles 200 mm	3000	200	5	15,00	17,80	24
55 14 11 G(1)	AXIOM Vector Profiles 112 mm	3000	112	5	15,00	12,20	15
T 3213 H(1)	AXIOM Profiles plasterboard trim	3000	18,5	10	30,00	5,80	36

ACCESSORIES

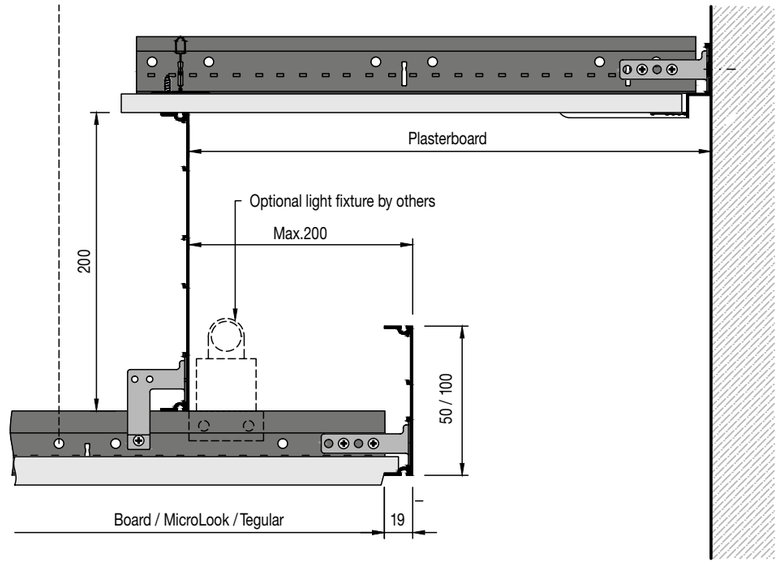


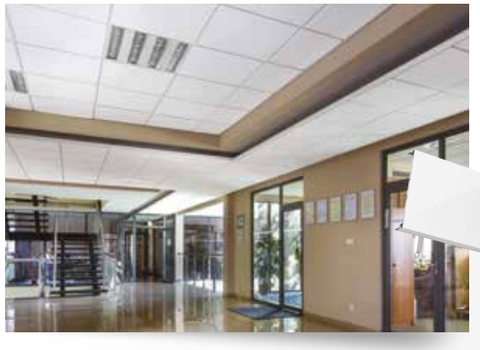
Item Nr.	Designation	Dimensions height (mm)	Content / Carton pcs	Weight / Carton kg
A 334 G(1)	AXIOM Profiles corner post 50 mm	50	2	0,30
A 335 G(1)	AXIOM Profiles corner post 100 mm	100	2	0,50
A 336 G(1)	AXIOM Profiles corner post 150 mm	150	2	0,70
A 337 G(1)	AXIOM Profiles corner post 200 mm	200	2	0,90
A 345 G(1)	AXIOM Vector corner post 112 mm	112	2	0,60
A 340 H	AXIOM Universal corner clip	-	100	2,10
A 338 H	AXIOM Universal splice plate	-	100	2,10
A 339 J	AXIOM Universal T bar connector clip	-	100	2,10
A 344 H	AXIOM Universal hanging clip	-	100	2,10
A 7935	AXIOM Universal Hold down clip for cut metal tiles	-	100	0,80

SYSTEM DRAWING



CONCEALED LIGHTING DETAIL





All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
(1) Also available in RAL 9010.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

AXIOM TRANSITIONS

Extruded aluminium sections to provide a seamless transition between plasterboard margins and suspended ceilings

Key Attributes

- 12 sections designed for compatibility with different edge details using Axiom universal accessories for secure and easy installation
- Compatible with Armstrong exposed ceiling grid systems including Silhouette and Interlude HRC designer grids
- Plasterboard jointing flange for seamless integration with plasterboard ceings and Armstrong Drywall Grid System

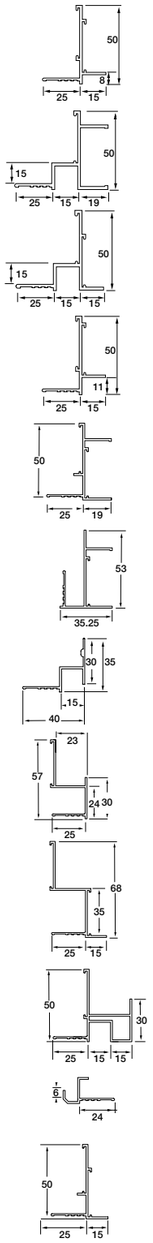
Application area

All ceilings - Perimeters

Physical data

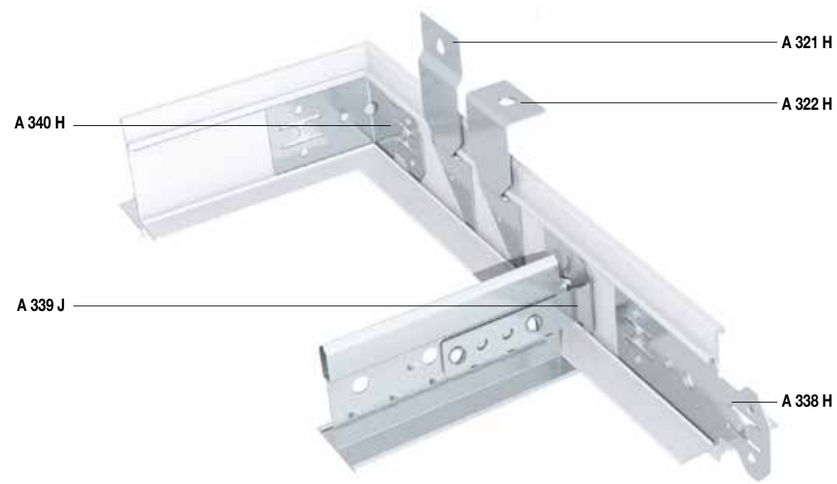
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE

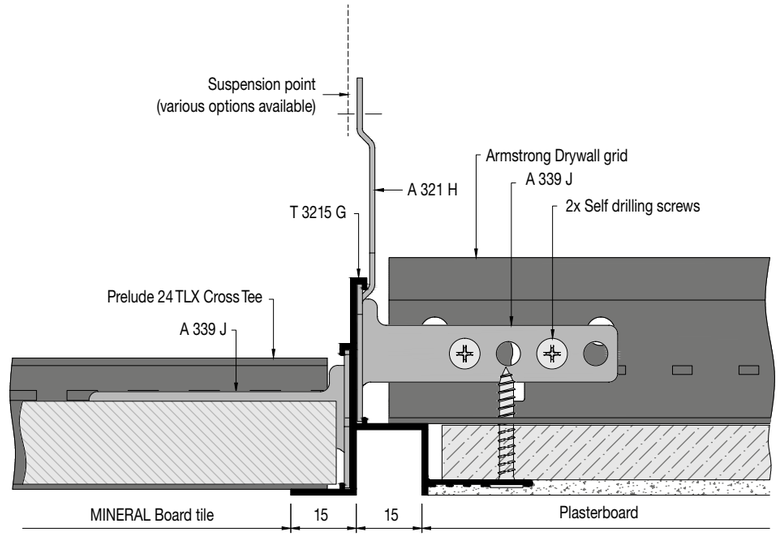


Item Nr.	Designation	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
T 3208 G(1)	AXIOM Transitions for Tegular/MicroLook	3000	50	10	30,00	11,80	36
T 3219 G(1)	AXIOM Transitions channel	3000	50	10	30,00	17,10	36
T 3215 G(1)	Axiom Transitions shadowline angle	3000	50	10	30,00	15,00	36
T 3210 G(1)	AXIOM Transitions for Vector tiles	3000	50	10	30,00	11,80	36
T 3228(1)	Axiom Transitions shadowline channel	3000	50	10	30,00	13,50	36
T 3230(1)	AXIOM Transitions upstand Channel 13mm Board	3000	53	10	30,00	13,80	36
T 3270(2)	AXIOM Transitions Shadowline for T-Clip F (full tiles)	3000	35	10	30,00	8,85	36
T 3272(2)	AXIOM Transitions channel for B-H 300 (full tiles)	3000	57	10	30,00	12,45	36
T 3273(2)	AXIOM Transitions angle with offset 25mm	3000	68	10	30,00	14,95	36
T 3276(2)	AXIOM Transitions Shadowline for B-H 300 (full tiles)	3000	51	10	30,00	19,65	36
T 3277(2)	AXIOM Transitions for S-Clip F, Q-Clip F, R-Clip F (full tiles)	3000	18	10	30,00	6,03	36
T 3271(1)	AXIOM Transitions angle	3000	51	10	30,00	12,00	36

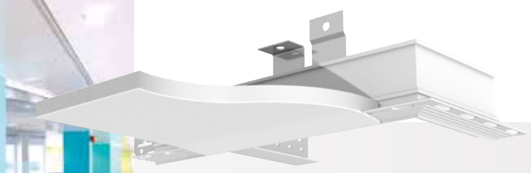
SYSTEM DRAWING



CROSS SECTION



All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
(1) Also available in RAL 9010.
(2) Standard colour RAL 9010 (WR), Global White on request.
All measurements in millimeters. All sizes are nominal



Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.

AXIOM BLIND BOXES

Extruded aluminium profiles for detailing perimeter blind boxes or concealed lighting features

Key Attributes

- 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

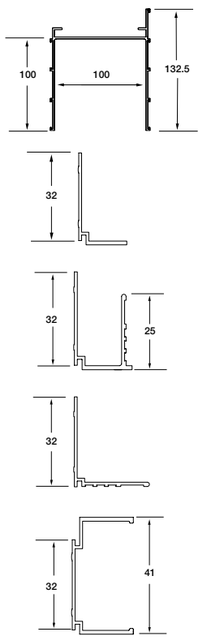
Application area

All ceilings - Perimeters / Lighting features

Physical data

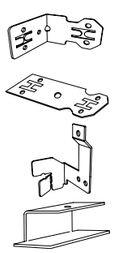
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE



Item Nr.	Designation	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
T 3250[1]	AXIOM Blind Box - 100mm	3000	132,5	5	15,00	31,20	20
T 3251[1]	AXIOM Blind Box Perimeter angle	3000	32	10	30,00	4,60	36
T 3252[1]	AXIOM Blind Box Transition upstand 13mm Board	3000	32	10	30,00	7,10	36
T 3253[1]	AXIOM Blind Box Transition angle	3000	32	10	30,00	5,00	36
T 3254[1]	AXIOM Blind Box Perimeter channel	3000	41	10	30,00	8,00	36

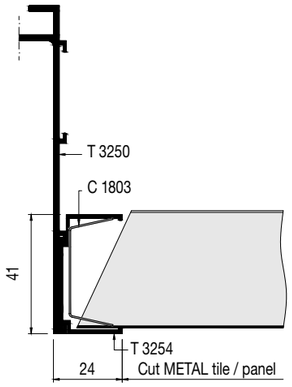
ACCESSORIES



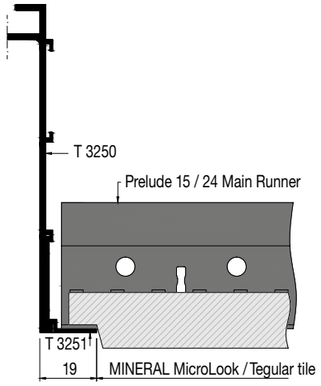
Item Nr.	Designation	Dimensions height (mm)	Content / Carton pcs	Weight / Carton kg
A 340 H	AXIOM Universal corner clip	-	100	2,10
A 338 H	AXIOM Universal splice plate	-	100	2,10
A 344 H	AXIOM Universall hanging clip	-	100	2,10
A 3255	Hanger for AXIOM Blind Box	25	10	2,10

CROSS SECTION

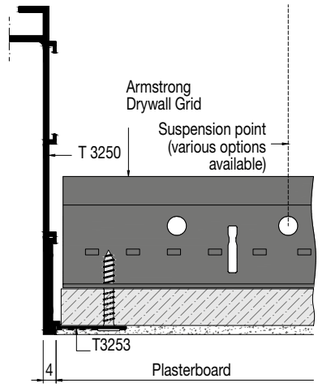
Cross Section
Cut Metal Tile



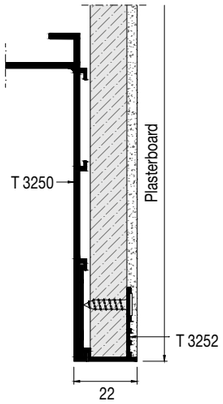
Cross Section
MicroLook / Tegular



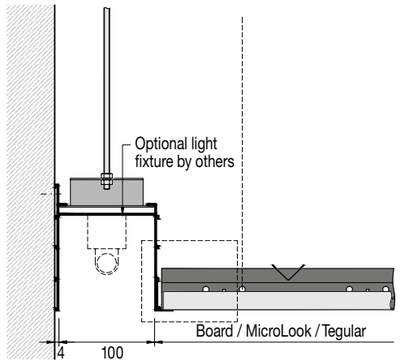
Cross Section
Plasterboard Horizontal

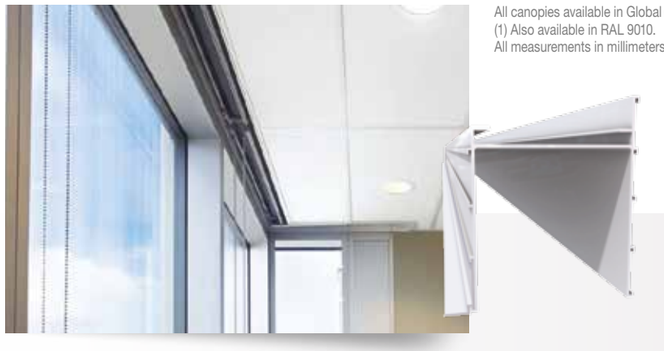


Cross Section
Plasterboard Vertical



AXIOM Blind Box to Wall





All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
(1) Also available in RAL 9010.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

AXIOM PERIMETER ANGLES / CHANNELS

Extruded aluminium sections for classic perimeter solutions with mineral, metal , wood or plasterboard ceilings

Key Attributes

- Angle and channel sections designed for compatibility with Axiom universal accessories for secure and easy installation
- Compatible with Armstrong ceiling grid systems including Silhouette and Interlude HRC designer grids
- Plasterboard perimeter trim for finishing plasterboard ceings and Armstrong Drywall Grid System

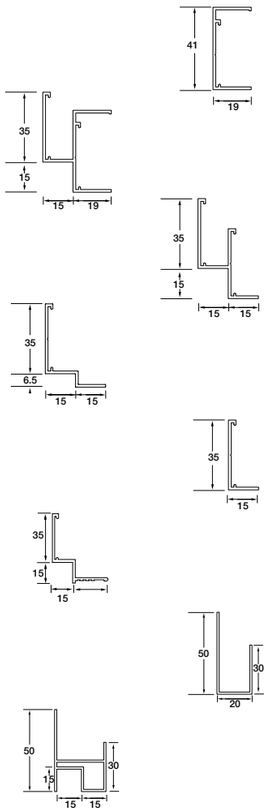
Application area

All ceilings - Perimeters

Physical data

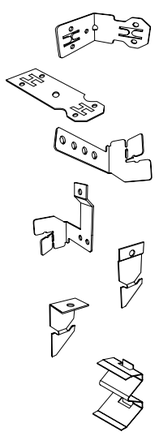
- Material: aluminium
- Surface finish: polyester powder painted
- Colour: Global White / RAL 9010
- Other colours available upon request

PRODUCT RANGE



Item Nr.	Designation	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
T 3249 (1)	AXIOM Perimeter C profile 41 x 19mm	3000	41	10	30,00	9,00	36
T 3226 (1)	AXIOM Perimeter Shadowline channel 35 x 15 x 15 x 19mm	3000	50	10	30,00	15,90	36
T 3227 (1)	AXIOM Perimeter Shadowline angle 35 x 15 x 15 x 15mm	3000	50	10	30,00	12,00	36
T 3248 (1)	AXIOM Perimeter Shadowline angle 35 x 15 x 6,5 x 15mm	3000	40	10	30,00	8,10	36
T 3235 (1)	AXIOM Perimeter angle 35 x 15mm	3000	35	10	30,00	5,70	36
T 3235 G (1)	AXIOM Perimeter plasterboard trim	3000	50	10	30,00	11,30	36
T 3274 (2)	AXIOM Perimeter for B-H 300 (full tiles)	3000	50	10	30,00	10,85	36
T 3275 (2)	AXIOM Perimeter Shadowline for B-H 300 (full tiles)	3000	50	10	30,00	16,55	36

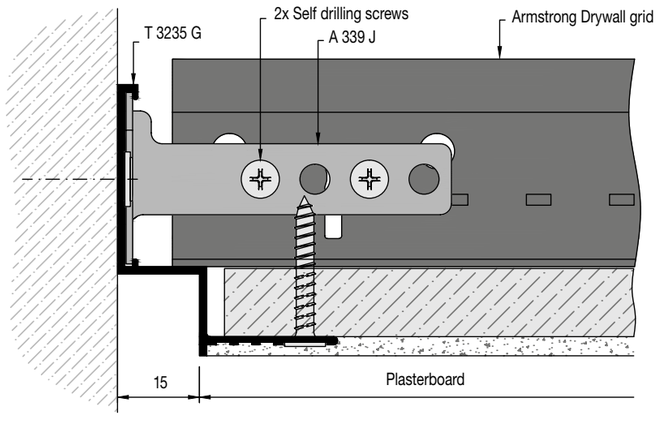
ACCESSORIES



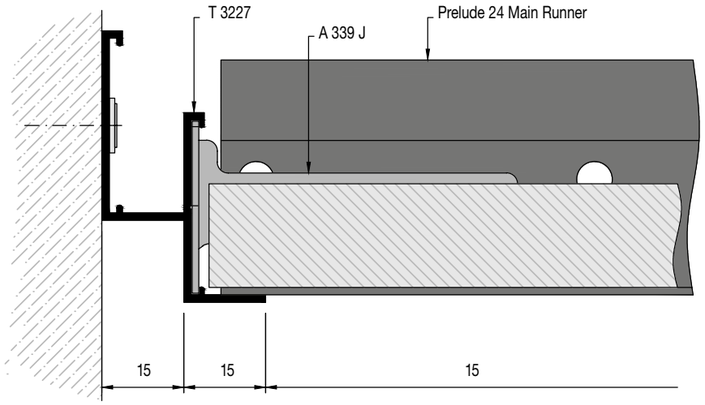
Item Nr.	Designation	Dimensions height (mm)	Content / Carton pcs	Weight / Carton kg
A 340 H	AXIOM Universal corner clip	-	100	2,10
A 338 H	AXIOM Universal splice plate	-	100	2,10
A 339 J	AXIOM Universal T bar connector clip	-	100	2,10
A 344 H	AXIOM Universall hanging clip	-	100	2,10
A 321 H	AXIOM Transitions suspension clip – straight	79	100	2,10
A 322 H	AXIOM Transitions suspension clip – angled	62	100	2,10
A 7935	AXIOM Universal Hold down clip for cut metal tiles	-	100	0,80

CROSS SECTION

Connector Clip



Board to Wall



All canopies available in Global White. For any other colours, please contact Armstrong Technical Sales.
(1) Also available in RAL 9010.
(2) Standard colour RAL 9010 (WR), Global White on request.
All measurements in millimeters. All sizes are nominal

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PERIMETER TRIMS & BULKHEADS

Perimeter trims for metal tiles: Steel and extruded aluminium sections designed specifically for perimeter detailing of metal ceiling systems

Key Attributes: a variety of different angle and channel sections for a wide choice of perimeter design options
Application area: all ceilings - perimeters

Physical data: material: galvanised steel / aluminium
- Surface finish: polyester powder painted
- Colour: RAL 9010
- Other colours available upon request

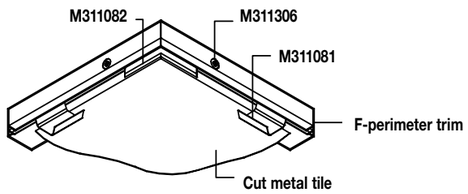
Bulkheads: Engineered steel bulkhead sections primarily for installation with metal ceiling systems

Key Attributes: choice of bulkhead type for full tile or cut-tile integration
- Post-coated for colour match with Amstrong metal ceiling systems
- Accessories and bracing profile for complete system solution

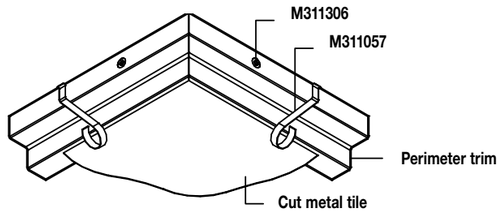
Application area: all ceilings - perimeters / changes in level

Physical data: material: galvanised steel
- Surface finish: polyester powder painted
- Standard colour: RAL 9010
- Other colours available upon request

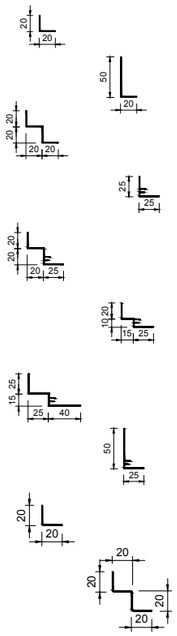
F-PERIMETER TRIMS SYSTEM DRAWING



PERIMETER TRIMS SYSTEM DRAWING

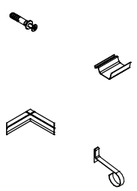


PERIMETER TRIMS



Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
M215110	RA 1 perimeter trim	Aluminium	4000 x 20 x 20	10	40	5,2
M215111	RA 2 perimeter trim	‘’	4000 x 20 x 50	10	40	9,2
M215112	RA 3 shadowline perimeter trim	‘’	4000 x 20 x 20 x 20 x 20	10	40	11,2
M215013	RA 4 F perimeter trim	‘’	4000 x 25 x 25	10	40	8,0
M215014	RA 5 F shadowline perimeter trim	‘’	4000 x 20 x 20 x 20 x 25	10	40	13,5
M215015	RA 6 F shadowline perimeter trim	‘’	4000 x 20 x 15 x 10 x 25	10	40	11,0
M215206	RA 8 F shadowline perimeter trim	‘’	4000 x 25 x 25 x 15 x 40	10	40	19,3
M215233	RA 9 F perimeter trim	‘’	4000 x 50 x 25	10	40	11,0
M215213	RA 1 S perimeter trim	Galvanised steel	3000 x 20 x 20	10	30	9,2
M215214	RA 3 S shadowline perimeter trim	‘’	3000 x 20 x 19 x 19 x 20	10	30	22,6

ACCESSORIES

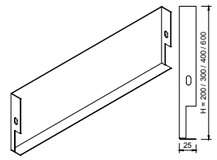


Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
M311306	Percussion dowel HPS-1	Steel / plastic	5 x 25	100	-	0,3
M311081	Pressure spring	Spring steel	54 x 30 x 10	100	-	0,3
M311082	Corner connector	Plastic	50 x 50 x 3	100	-	0,3
M311057	Fixing spring	Spring steel	55 x 27 x 6	100	-	0,3

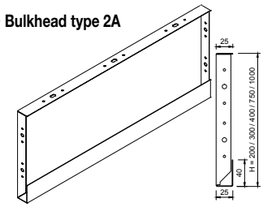
BULKHEADS

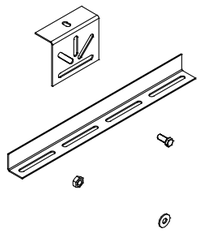
Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Content / Carton lm	Weight / Carton kg
M216000	Bulkhead 200 mm type 1B	Galvanised steel	2000 x 200 x 25	2	4	7,4
M216001	Bulkhead 300 mm type 1B	‘’	2000 x 300 x 25	2	4	10,7
M216002	Bulkhead 400 mm type 1B	‘’	2000 x 400 x 25	2	4	14,0
M216003	Bulkhead 600 mm type 1B	‘’	2000 x 600 x 25	2	4	20,5
M215060	Bulkhead 200 mm type 2A	‘’	2400 x 200 x 25	2	4,8	11,4
M215061	Bulkhead 300 mm type 2A	‘’	2400 x 300 x 25	2	4,8	15,3
M215062	Bulkhead 400 mm type 2A	‘’	2400 x 400 x 25	2	4,8	23,1
M215063	Bulkhead 750 mm type 2A	‘’	1200 x 750 x 25	2	2,4	16,8
M215064	Bulkhead 1000 mm type 2A	‘’	1200 x 1000 x 25	2	2,4	27,3

- **Bulkhead type 1B**



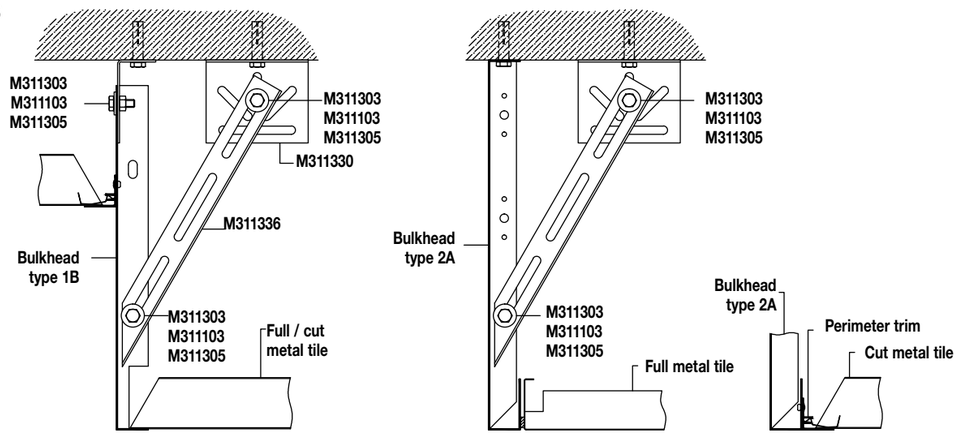
- **Bulkhead type 2A**





Accessories					
M311330	Attachement bracket	Galvanised steel	80 x 65 x 30	10	0,8
M311336	Slotted L-profile	‘’	3000 x 25 x 25	10	15,0
M311303	Hexagonal bolt M6 x 16 mm	‘’	M6 x 16	100	0,5
M311103	Hexagonal nut M6	‘’	M6 x 5	100	0,3
M311305	Washer M6 18 x 1,6 mm	‘’	Ø18 x 1,6	100	0,3

STEEL BULKHEADS SYSTEM DRAWING



All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

PERIMETER TRIMS

Standard perimeter trims for classic perimeter solutions with mineral and wood ceilings

Key Attributes

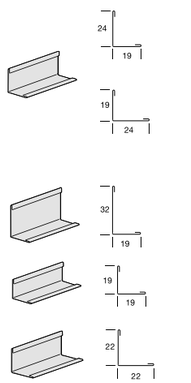
- Comprehensive range including angle trims, shadowline trims, channels and F-upstand trims

Application area

All ceilings - Perimeters

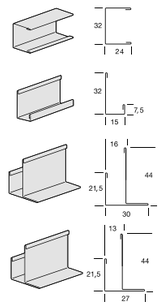
Physical data

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



Item Nr.	Description	Dimensions length (mm)	Dimensions thickness (mm)	Content /Unit pcs	Content /Unit lm	Weight/Carton kg
T 1924 HD	Perimeter angle, painted	3000	0,54	36	108,00	22,70
T 1924 CA(1)	Perimeter angle, capped	3050	0,60	36	109,80	27,60
T 1924 LB	Perimeter angle, corrosive resistant	3050	0,55	36	109,80	27,60
T 2419 H WR	Perimeter angle, painted 24 x 19 RAL 9010	3000	0,45	36	108,00	18,30
T 2419 H SG	Perimeter angle, painted 24 x 19 RAL 9006	3000	0,45	36	108,00	18,30
T 2419 H BK	Perimeter angle, painted 24 x 19 Black	3000	0,45	36	108,00	18,30
T 1932 HA	Perimeter angle, painted	3000	0,45	36	108,00	21,80
T 1919 HC	Perimeter angle, painted	3000	0,45	36	108,00	21,80
T 2222 HA(2)	Perimeter angle	3000	0,45	36	108,00	19,00
T 2401 HA	Perimeter angle, painted heavy duty	3050	0,70	30	91,50	22,00
T 2424 HD	Perimeter angle, painted	3050	0,45	36	109,80	21,60
T 3024 HA	Perimeter angle, painted	3000	0,45	30	90,00	21,40
T 3030 H	Perimeter angle, painted	3000	0,54	30	90,00	25,00
T 3030 H UP	Perimeter angle, painted	3000	0,54	30	90,00	25,00
T 3030 H BK	Perimeter angle, painted	3000	0,54	30	90,00	25,00
T 1506 H	Shadowline, painted	3050	0,45	36	109,80	26,30
T 1508 HB(3)	Shadowline, painted	3050	0,45	36	109,80	27,10
7875 G	Shadowline, painted, for OPTIMA Vector, ULTIMA+ Vector, SAHARA Vector	3050	0,45	30	91,50	26,80
T 2020 HH	Shadowline, painted	3000	0,65	20	60,00	27,00
T 2121 HH	Shadowline, air circulation length of slot: 50 mm Distance between slots 20 mm (ca, 16% open area)	3000	0,60	15	45,00	20,00
T 2040 HB	C channel, painted	3050	0,45	20	61,00	18,10
T 2040 HWRA	C channel, painted, RAL 9010	3050	0,45	20	61,00	18,10
T 2040 HSGA	C channel, painted, RAL 9006	3050	0,45	20	61,00	18,10

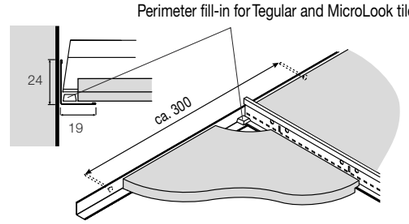
PERIMETER TRIMS



Item Nr.	Description	Dimensions lenght (mm)	Dimensions thickness (mm)	Content /Unit pcs	Content /Unit lm	Weight/Carton kg
7837	C Channel, painted	3050	0,45	40	73,10	24,00
T 1575 HA	Unequal U-Profile, painted	3050	0,45	36	109,80	24,20
7856 H	F Upstand trim, painted, for 16 mm thick panels	3050	0,45	20	61,00	23,70
7852 H	F Upstand trim, painted, for 13 mm thick panels	3050	0,45	20	61,00	23,00

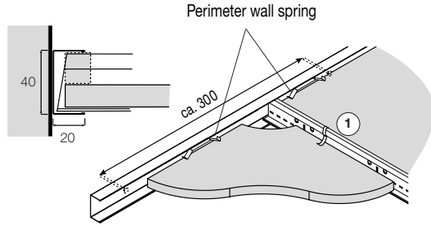
PERIMETER DETAILING

A 156 G / A 246 G
Perimeter fill-in for Tegular and MicroLook tiles

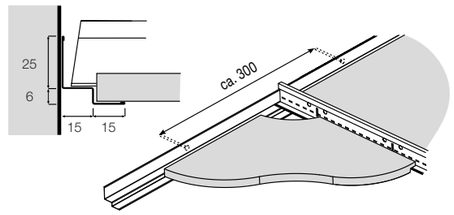


Standard perimeter finish with perimeter angle **T 1924 HD**

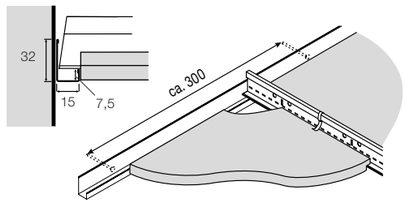
A 1796 G
Perimeter wall spring



Perimeter finish with C channel **T 2040 HB**
① **A 7890 G** Universal retaining clip

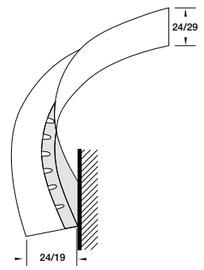


Perimeter finish with shadowline **T 1506 H**



Perimeter finish with unequal U-Profile **T 1575 HA**

FLEXIBLE PERIMETER TRIMS



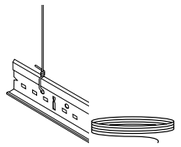
Item Nr.	Dimensions length (mm)	Dimensions height (mm)	Content / Carton pcs	Content / Carton lm	Weight / Carton kg	Cartons / Pallet
White						
FT 2424	2500	24	10	25,00	5,50	50
FT 2424	2500	29	10	25,00	5,50	50
Black						
FT 2424 BK	2500	24	10	25,00	5,50	50
FT 1929 BK	2500	29	10	25,00	5,50	50

All products standard in Global White, if not mention differently. Other standard colours available for item numbers with index (1). See details below.
(1) Colours available : Carrara (CA), Platinum (PN), Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE), White RAL 9010 (WR).
(2) Only available for the Scandinavian and Spanish markets.
(3) Also available in Black (BK), RAL 9006 (SG) and RAL 9010 (WR).
All measurements in millimetres. All sizes are nominal.

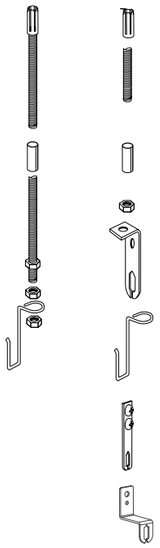
Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

ACCESSORIES

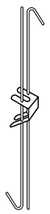
SUSPENSION & ACCESSORIES



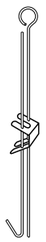
Item Nr.	Description	Dimensions length (mm)	Content /Carton pcs	Weight/Carton kg
A W950 G	Suspension wire dia, 2 mm	ca, 200 metres	1 coil	4,70



A 1843 G	Expanded bolt for threaded rod dia, 6 mm	25	100	0,50
A 1829 G	Threaded rod dia, 6 mm	1000	50	8,50
A 1839 G	Connection for threaded rod dia, 6 mm	20	100	0,60
A 1827 G	Nut for threaded rod		100	0,20
A WDN20 H	Bent tee bar hanger for threaded rod	57	100	1,40
A 14 G	Universal clip	40	100	1,00
A WDN21 H	T bar hanger	-	20	0,30
A WDN23 G	Double bent T bar hanger with 2 sizes of diameter hole	57	100	2,30

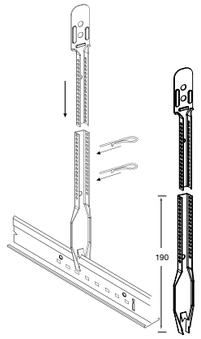


A 11030 G	Quick hanger - hook (2 hooks)	165-280	100	5,40
A 11020 G	Quick hanger - hook (2 hooks)	215-380	100	4,10
A 11040 G	Quick hanger - hook (2 hooks)	315-580	100	8,50
A 11070 G	Quick hanger - hook (2 hooks)	415-780	100	10,50
A 11090 G	Quick hanger - hook (2 hooks)	515-980	100	13,00

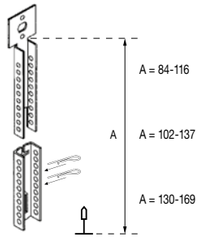


A 12030 G	Quick hanger - eye (1 hook +1 eye)	165-280	36	5,20
A 12020 G	Quick hanger - eye (1 hook +1 eye)	215-380	36	4,10
A 12040 G	Quick hanger - eye (1 hook +1 eye)	315-580	36	8,30
A 12070 G	Quick hanger - eye (1 hook +1 eye)	415-780	36	10,50
A 12090 G	Quick hanger - eye (1 hook +1 eye)	515-980	36	13,00

* **Note:** These admissible loads have been determined from laboratory tests in accordance with EN 13964 : 2004 + A1 : 2006 and apply to the hangers and their grid connections only.
No account has been taken of the strength of top fixings which must be selected as appropriate for the supporting structure and estimated load.

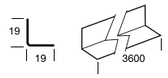


Item Nr.	Description	Dimensions length (mm)	Content /Carton pcs	Weight/Carton kg
A 10202 H	Upper part of nonius	300	100	5,10
A 10203 H	Upper part of nonius	400	100	7,20
A 10204 H	Upper part of nonius	500	100	9,00
A 10205 H	Upper part of nonius	600	100	11,00
A 10206 H	Upper part of nonius	700	100	12,80
A 10208 H	Upper part of nonius	800	100	15,50



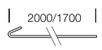
A 10230 G	Bottom part of nonius hanger	190	100	4,30
A 10300 G	Short Nonius hanger (upper & lower part) 84-116 mm	-	100	2,3
A 10301 G	Short Nonius hanger (upper & lower part) 102-137 mm	-	100	2,4
A 10302 G	Short Nonius hanger (upper & lower part) 130-169 mm	-	100	3,2

A 10229 G	Pin to connect bottom & upper part of nonius	60	100	0,80



A 952 G	Suspension angle	3600	20	13,30

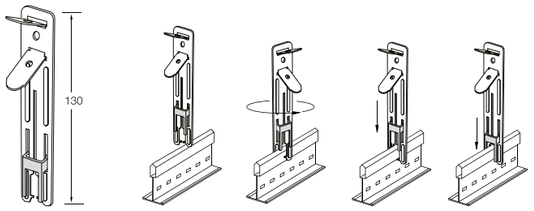
A 1052 G	Bent Residential strap hanger	73	100	2,50



A 826 G	2 m hanger with hook	2000	100	20,00
A 827 G	1,7 m hanger with hook	1700	100	20,00

A 11 G	Small hook	120	100	2,00

A 12 H	Butterfly	55	100	1,00
A 829 H	Suspension hanger for T bar	130	100	2,80



* **Note:** These admissible loads have been determined from laboratory tests in accordance with EN 13964 : 2004 and apply to the hangers and their grid connections only.
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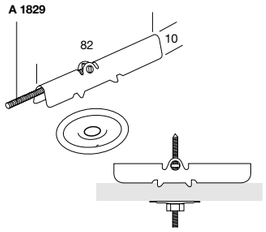
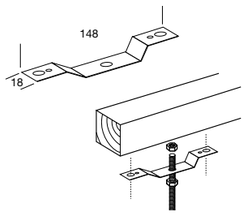
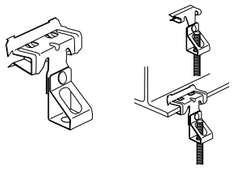
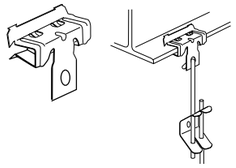
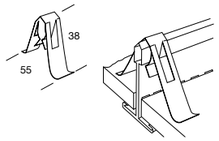
SUSPENSION & HOLD DOWN CLIPS

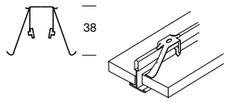


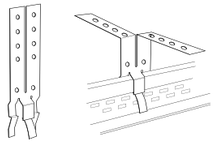






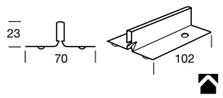


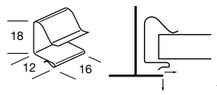


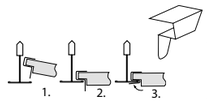


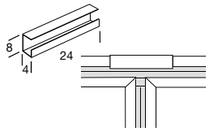
Item Nr.	Description	Dimensions length (mm)	Content /Carton pcs	Weight/Carton kg
A 1837 G	Rocking hanger	80	100	2,00
A 1838 G	Hanger for wooden beam	148	100	3,20
A 1820 G	Beam flange clip 1,6 - 4,8 mm thickness	-	100	2,20
A 1821 G	Beam flange clip 4,8 - 9,5 mm thickness	-	100	3,20
A 1822 G	Clip for quick hanger 1,6 - 4,8 mm thickness	-	100	0,80
A 1823 G	Clip for quick hanger 4,8 - 9,5 mm thickness	-	100	3,00
A 7890 G	Universal retaining clip	-	100	0,40
A 819 G	Locking hold down clip, 6-30 mm tiles (Peakform & Square bulb)	64	500	2,40
A 1060	T35 Hold down clip for panels up to 110 mm thick	-	250	3,10

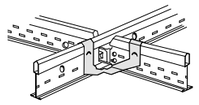
HOLD DOWN CLIPS & ACCESSORIES

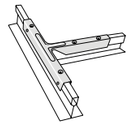










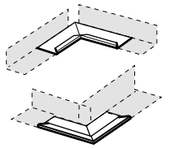


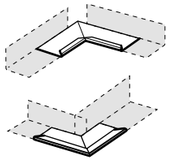
Item Nr.	Description	Dimensions length (mm)	Content /Carton pcs	Weight/Carton kg
EHDC 58 AG	Exterior hold down clip (Peakform & Square bulb)	102	125	7,00
A 7912 G	Hold down clip for 40 mm soft fibre panels	68	100	1,10
A 7902 G	Hold down clip for 18-25 mm soft fibre panels	40	100	1,10
A 425 G	Board Access clip for standard 24mm T-bar	-	100	0,40
A 7930 G	Last tile clip Tegular	40	25	0,05
A 7931 G	Last tile clip MicroLook	40	25	0,05
MCC4 G	Mitre closure clip for 6 mm Silhouette	-	200	0,30
LFC G	Peakform Corner support of lay-in light (Silhouette & 15 mm grid)	-	50	0,45
A 131 G	T bar saddle clip (Peakform & Square bulb)	98	100	2,70

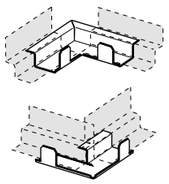
Availability of products may vary according to location. All measurements in millimetres. All sizes are nominal. Please contact our Armstrong Technical Sales for further details.

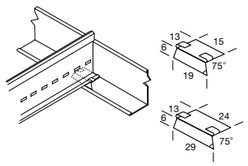
ACCESSORIES

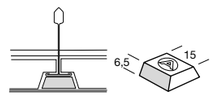
PERIMETER ACCESSORIES

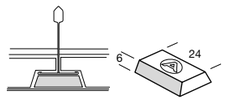


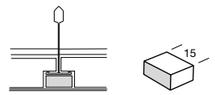


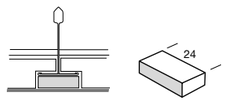








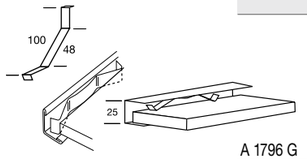


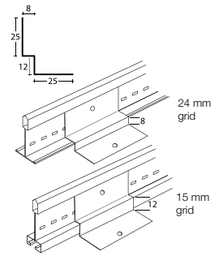


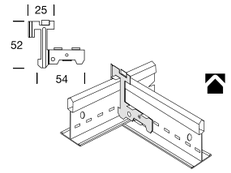
Item Nr.	Description	Dimensions length (mm)	Content /Carton pcs	Weight/Carton kg
A 328 G	Inside corner 19 mm	58	100	0,90
A 329 G	Outside corner 19 mm	65,5	100	1,20
A 330 G	Inside corner 24 mm	58	100	0,90
A 331 G	Outside corner 24 mm	65,5	100	1,20
A 332 G	Inside corner for shadowline T 1508 HB	72	100	1,60
A 333 G	Outside corner for shadowline T 1508 HB	57,2	100	1,20
A 0415 G	MicroLook border clip	19	500	0,80
A 0324 G	Tegular border clip	29	500	1,20
A 156 G	Perimeter fill-in for 15 mm grid	-	500	0,40
A 246 G	Perimeter fill-in for 24 mm grid	-	500	0,50
A 157	Perimeter fill-in clip for 15 mm grid - MicroLook 90 / Metal MicroLook 8	15	500	0,45
A 247	Perimeter fill-in clip for 24 mm grid- Tegular 90 / Metal Tegular 8	24	500	0,6

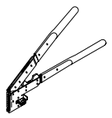
* **Note:** These admissible loads have been determined from laboratory tests in accordance with EN 13964 : 2004 + A1 : 2006 and apply to the hangers and their grid connections only. No account has been taken of the strength of top fixings which must be selected as appropriate for the supporting structure and estimated load.

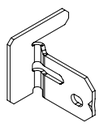
ADDITIONAL ACCESSORIES









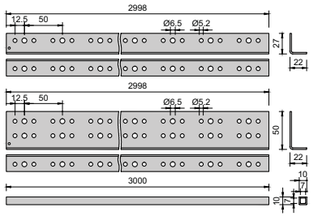


Item Nr.	Description	Dimensions length (mm)	Content /Carton pcs	Weight/Carton kg
A 1796 G	Border wedge	-	200	1,50
UPC AG	Universal partition clip for 24 and 15 mm incl, Silhouette and Interlude grids	-	200	4,10
C 1430 G	Variable placement hook end detail to suit on site	63,5	200	2,00
A 7876 A	Slot tool for hour glass slots	-	1	1,10
A SP H	Grid touch-up paint	-	1	0,20
STAC	Single Tee Adapter Clip	-	120	2

Availability of products may vary according to location. All measurements in millimetres. All sizes are nominal. Please contact our Armstrong Technical Sales for further details.

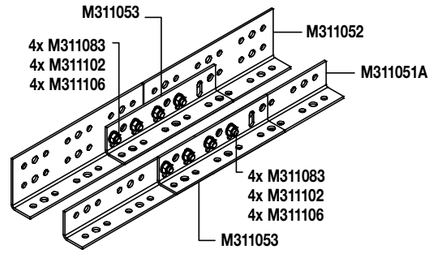
ACCESSORIES

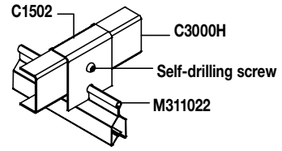
POST-COATED METAL CEILINGS

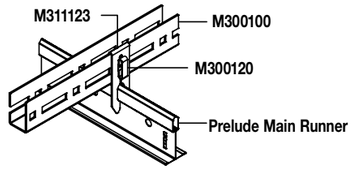


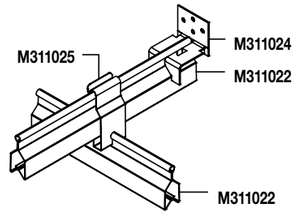
Item Nr.	Description	Material	Dimensions mm	Content /Carton pcs	lm	Weight/Carton kg
Profiles						
M311051A	Primary angle	Galvanised steel	3000 x 27 x 22	10	30	21,2
M311052	Primary angle	‘’	3000 x 50 x 22	10	30	30,0
M311224	Jacket tube 10 x 10 mm	‘’	125 x 27 x 22	10	30	12,0
Various						
C1502	Hanger for DP12 A-bar	Galvanised steel	52 x 40 x 50	100	-	3,5
M300123	Hanger for Prelude	‘’	63 x 20 x 4	100	-	0,7
M311024	Wall anchor for DP12 A-bar	‘’	50 x 35 x 35	100	-	2,5
M311025	Cross-connector for DP12 A-bar	‘’	50 x 35 x 35	100	-	1,0
M311053	Connector for primary angle	‘’	54 x 30 x 13	100	-	7,9
M311062	Hold-down clip	Spring steel	60 x 58 x 20	100	-	0,9
M311334	Level sheet	Galvanised steel	60 x 33 x 1	10	-	0,1
M900019	Double-sided adhesive tape G2000	PUR foam self-adhesive	19	1	50	0,6
Fasteners						
M311083	Hexagonal bolt M5 x 12 mm	Galvanised steel	M5 x 12	100	-	0,5
M311102	Hexagonal nut M5	‘’	M5 x 4	100	-	0,1
M311106	Washer M5	‘’	Ø10 x 1	100	-	0,1
M311222	Expansion bolt M6 x 30 mm A4	‘’	M6 x 30	100	-	0,8
M311231	Hexagonal bolt M6 x 30 mm	‘’	M6 x 30	100	-	0,8

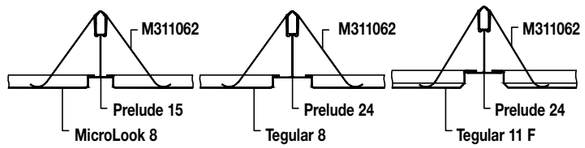
INSTALLATION DETAILS

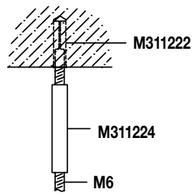


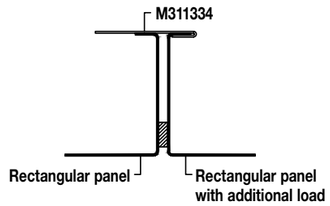




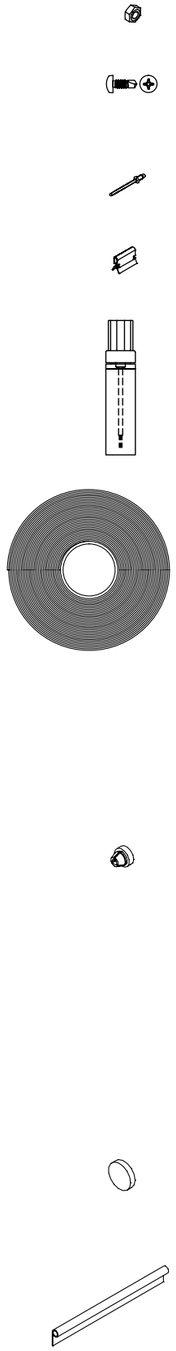






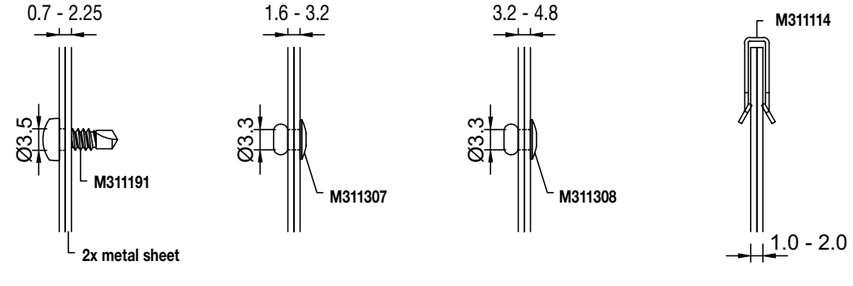


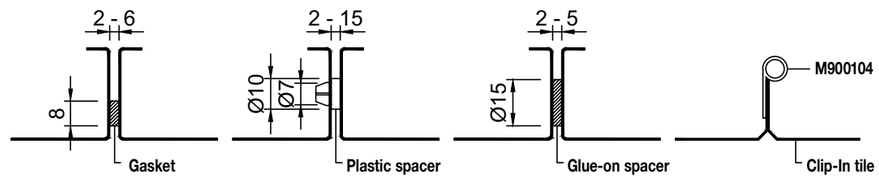
POST-COATED METAL CEILINGS



Item Nr.	Description	Material	Dimensions mm	Content / Carton pcs	Content / Carton lm	Weight/ Carton kg
M311358	Hexagonal secure nut M6	Galvanised steel	M6 x 5	100	-	0,3
M311191	Self-drilling screw 3,5 x 9,5 mm (for 0,7 - 2,25 mm gauge)	‘’	Ø3,5 x 9,5	100	-	0,1
M311307	Pop-rivet TAPD 44 BS (for 1,6 - 3,2 mm gauge)	Galvanised steel / aluminium	37	100	-	0,1
M311308	Pop-rivet TAPD 46 BS (for 3,2 - 4,8 mm gauge)	‘’	37	100	-	0,1
M311114	U-clamp	Galvanised steel	20 x 14 x 6	100	-	0,3
Touch-up paint						
M681001	Touch-up paint RAL 9010	Liquid paint	100 x 22	1	-	0,1
M681003	Touch-up paint RAL 9006	‘’	100 x 22	1	-	0,1
M681004	Touch-up paint RAL 9016	‘’	100 x 22	1	-	0,1
M681006	Touch-up paint RAL Global White	‘’	100 x 22	1	-	0,1
Gaskets and spacers						
M900001	Gasket 8 x 2 mm black	PE foam	8 x 2	1	20	0,1
M900000	Gasket 8 x 3 mm black	‘’	8 x 3	1	20	0,1
M900003	Gasket 8 x 4 mm black	‘’	8 x 4	1	20	0,1
M900002	Gasket 8 x 5 mm black	‘’	8 x 5	1	10	0,1
M900032	Gasket 8 x 6 mm black	‘’	8 x 6	1	10	0,1
M900005	Plastic spacer 2 mm transparent (max. 1 mm gauge)	Plastic	Ø10 x 2	100	-	0,1
M900006	Plastic spacer 3 mm transparent (max.1 mm gauge)	‘’	Ø10 x 3	100	-	0,1
M900028	Plastic spacer 3 mm black (max.1 mm gauge)	‘’	Ø10 x 3	100	-	0,1
M900007	Plastic spacer 4 mm transparent (max.1 mm gauge)	‘’	Ø10 x 4	100	-	0,1
M900008	Plastic spacer 5 mm transparent (max.1 mm gauge)	‘’	Ø10 x 5	100	-	0,1
M900033	Plastic spacer 5 mm transparent (1,25-1,5 mm gauge)	‘’	Ø10 x 5	100	-	0,1
M900011	Plastic spacer 5 mm black (max.1 mm gauge)	‘’	Ø10 x 5	100	-	0,1
M900009	Plastic spacer 6 mm transparent (max.1 mm gauge)	‘’	Ø10 x 6	100	-	0,1
M900010	Plastic spacer 7,5 mm transparent (max.1 mm gauge)	‘’	Ø10 x 7,5	100	-	0,1
M900026	Plastic spacer 10 mm transparent (max.1 mm gauge)	‘’	Ø10 x 10	100	-	0,1
M900012	Plastic spacer 10 mm black (max.1 mm gauge)	‘’	Ø10 x 10	100	-	0,1
M900031	Plastic spacer 12,5 mm transparent (max.1 mm gauge)	‘’	Ø10 x 12,5	100	-	0,1
M900027	Plastic spacer 15 mm transparent (max,1 mm gauge)	‘’	Ø10 x 15	100	-	0,1
M900101	Glue-on spacer Ø15 x 2 mm black	PE foam	Ø15 x 2	100	-	0,1
M900013	Glue-on spacer Ø15 x 3 mm black	‘’	Ø15 x 3	100	-	0,1
M900030	Glue-on spacer Ø15 x 3 mm white	‘’	Ø15 x 3	100	-	0,1
M900102	Glue-on spacer Ø15 x 4 mm black	‘’	Ø15 x 4	100	-	0,1
M900014	Glue-on spacer Ø15 x 5 mm black	‘’	Ø15 x 5	100	-	0,1
M900104	Rubber profile 10 x 8 mm	Elastomer	10000 x 20 x 8	1	100	4,5

INSTALLATION DETAILS





WOOD CEILINGS

CS5018	Security clip (for Vector Wood)	Spring steel	87 x 41 x 65	6	-	0,1

CS5019	Border clip	Galvanised steel	38 x 19 x 16	100	-	0,5
CS5021	Border clip	Galvanised steeel	38 x 19 x 18	100	-	0,5

CS5020	Screw 3,5 x 6,5 mm	Galvanised Steel	Ø3,5 x 6,5	25	-	0,1

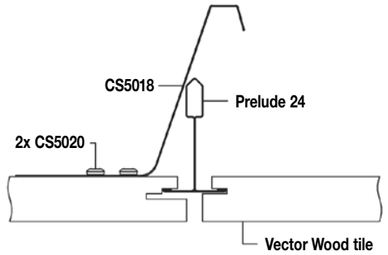
CS5157	T-bar hook (for Concealed Wood)	Galvanised Steel	102 x 92 x 30	8	-	0,6

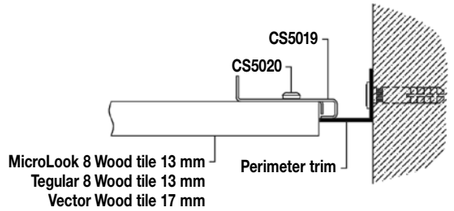
CS5158	Safety cable	Steel	600	4	-	0,1

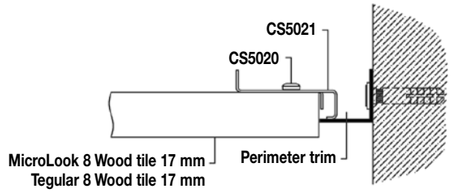
CS5159	Screw 4,8 x 16,5 mm	Galvanised Steel	Ø4,8 x 16,5	50	-	0,1

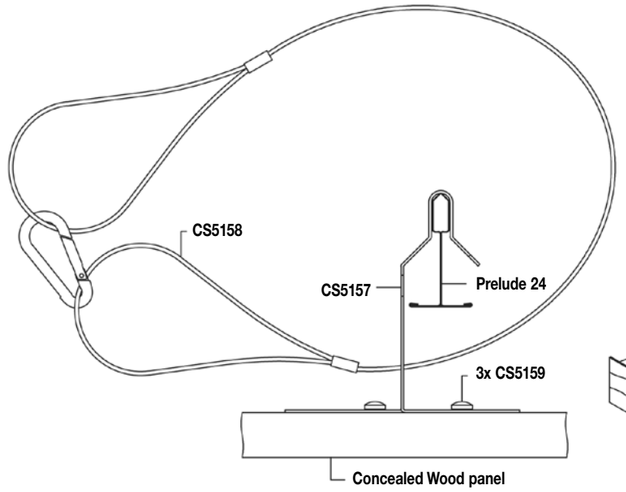
CS5160	Edge banding tape (on request)	Wood veneer	17	1	5	0,5
CS5165	Edge banding tape (on request)	Wood veneer	19	1	5	0,5

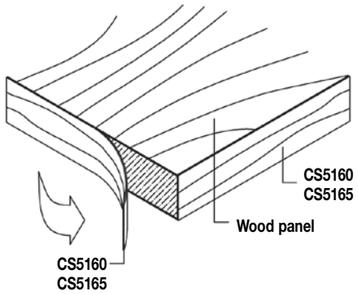
INSTALLATION DETAILS











TECHNICAL INFORMATION

LOAD CAPACITY MATRIX

Loading is an important property of suspended ceiling grid systems both for the mechanical safety of the suspended ceiling and its visual appearance.

In the EAA, table 6 of the suspended ceiling product standard, EN 13964:2004+A1:2006, defines 3 classes of deflection, the best being Class 1 which is L/500 (but no greater than 4mm).

Class	Maximun deflection in mm[A]
1	L[B] / 500 and not greater than 4,0
2	L[B] / 300
3	No limit

[A] The maximun deflection is the accumulative value of the deflection of the substructure component and the deflection of the membrane component.

[B] L is the span in mm between the suspension components or the suspension points.

The test method on which the European calculations of loadbearing capacity are based upon is also defined in EN 13964, and considers the influence of both deflection and bending moment.

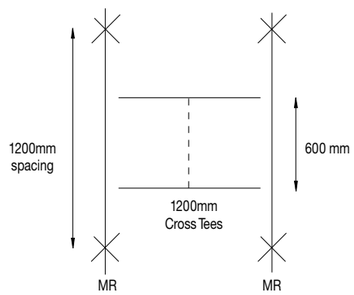
The individual product pages of this brochure include a table giving the maximum uniform distributed load, based on different hanger centres, in accordance with Class 1 deflection, as defined in EN 13964:2004 + A1:2006.

For markets outside of the EAA different deflection limits are sometimes required. The tables on this page show the maximum uniform distributed load for the deflection limits shown, but taking into account deflection only. These values are calculated based upon load values determined from laboratory tests in accordance with the EN 13964 test method.

For longer spans, some of the criteria shown on this page may give quite large deflection values. Armstrong recommends a maximum of 4mm deflection between points of suspension for all grid components, irrespective of span, for aesthetic reasons. Therefore the numbers in the tables on this page are the maximum loads permitted to meet the give a deflection criteria (such as L/400) but up to a maximum value of 4mm.

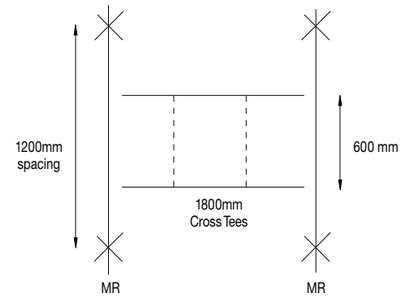
SYSTEM LOAD SUMMARY (1200 x 1200 layout) - Max Load kg/m² - Deflection factor only

System	Main Runner	Primary Cross Tee	Secondary Cross Tee	L/500	L/400	L/360	L/300	L/250
Prelude 24 - XL²	314032 A	313051 B	312021 A	13,3	16,8	18,8	22,7	22,7
Prelude 24 - TLX	314032 A	133031	132031	13,3	16,8	18,7	22,7	22,7
Prelude 15 - XL²	304033 A	303033 B	302033 B	13,1	16,5	18,5	22,3	22,3
Prelude 15 - TL	304033 A	103033 A	102033 A	13,1	16,5	18,5	22,3	22,3
Silhouette - XL²	804042 G	803042 G	802042 G	11,4	14,4	16,1	19,5	19,5
Interlude HRC - XL²	614042 G	613042 G	612042 G	14,5	18,3	20,4	24,7	24,7
Prelude 35 - XL²	224042	243042	242042	13,9	17,7	19,8	24	24
Prelude 24 Corrosive Resistant - TLX	284042	283042	282042	13,3	16,8	18,7	22,7	22,7
Clean Room 24	EA794044	EA793044	EA792044	12,8	16,3	18,2	22,1	22,1



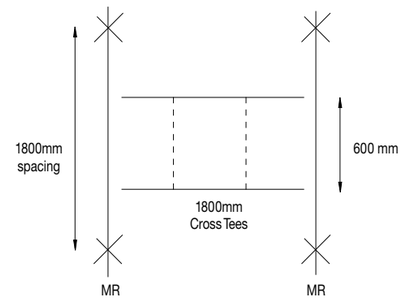
SYSTEM LOAD SUMMARY (1200x1800 layout) - Max Load kg/m² - Deflection factor only

System	Main Runner	Primary Cross Tee	Secondary Cross Tee	L/500	L/400	L/360	L/300	L/250
Prelude 24 - XL² (1800 span)	314032 A	313431 A	312021 A	6,5	7,3	7,3	7,3	7,3
Prelude 24 - TLX (1800 span)	314032 A	133432	132031	6,5	7,3	7,3	7,3	7,3



SYSTEM LOAD SUMMARY (1800x1800 layout) - Max Load kg/m² - Deflection factor only

System	Main Runner	Primary Cross Tee	Secondary Cross Tee	L/500	L/400	L/360	L/300	L/250
Prelude 24 Sixty² - XL²	404093 G	313431 A	312021 A	6,5	7,3	7,3	7,3	7,3
Prelude 24 Sixty² - TLX	404093 G	133432	132031	6,5	7,3	7,3	7,3	7,3



TECHNICAL INFORMATION

SYSTEM GUARANTEE

15 YEAR guarantee — Armstrong suspension systems are covered by a 15 year product warranty.

30 YEAR system guarantee — When installed with Armstrong ceiling tiles they have a 30 year system warranty.

This programme is more than just a performance warranty. It means that the Armstrong systems and products you specify or install:

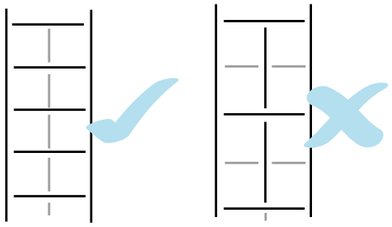
- Will be free from defects in design, material and workmanship if properly installed and used under normal conditions.
- Have the technical expertise and experience from the n°1 global suspended ceiling specialist.
- Have been tested and accredited for the key technical attributes.
- Have been site tested to demonstrate installation integrity and simplicity.
- Will be supported at every stage of the project by the Armstrong team.
- Will be repaired or replaced by Armstrong in the unlikely event of system failure attributed to unsatisfactory product / system performance as defined in the terms and conditions of the warranty.

MANUFACTURERS RECOMMENDATION

Installation of suspended ceiling systems should be carried out in accordance with Armstrong's current manufacturer's recommendations.

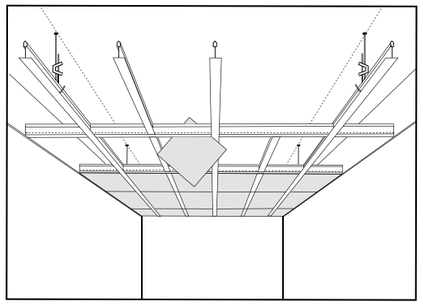
For grid systems there are some specific points that should be considered:

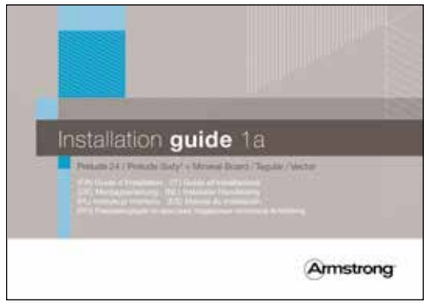
- The appropriate type of Cross Tee for the ceiling tile edge detail must be considered.
- The grid systems should be installed in such a way that the loadbearing performance of the grid is not exceeded.
- 'Dynamic' service fittings should be independently supported so not to transfer vibration into the suspension system.
- Armstrong recommend the use of the 'ladder formation' and all our loading data is based on the 'ladder formation'. Using the «H-formation» will give greater deflection for a given load.



For more information, please visit Armstrong website

INSTALLATION & MAINTENANCE





For more information, please contact us or visit the Installation & Maintenance page on Armstrong website

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. Harmonisied 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 substructure components (grid systems) are:

- Reaction to Fire
- Load bearing capacity
- Durability

It is mandatory to CE mark suspended ceiling grid and provide a Declaration of Performance in order to place it on the market.
All Armstrong Declarations of Performance can be found on the Armstrong website.

FIRE SAFETY

Reaction to Fire is a mandatory CE marking characteristic and a product's performance is classified to EN 13501-1 based on the results of European test methods cited in the classification standard. This gives a "Euroclass" rating which can range from A1 (non-combustible) to F. Depending on the reaction to fire test(s) conducted, the rating may include additional classifications for smoke and flaming droplets. Smoke production is rated for s1 (the least smoke produced) to s3 (no limit). Flaming droplets is rated from d0 (no droplets) to d3 (no limit). Each member state can then set their own building regulation requirement(s) for different areas of a building or diffrent building types using the Euroclass classification system.

Fire Resistance – or structural fire protection – is primarily ensure the structure of a building remains stable during a fire to allow the occupants to escape and so that fire fighters can work without the threat of the building's collapse. There are several ways in which the fire resistance performance of the buildings structure can be enhanced, and a 'fire resistant' suspended ceiling installation is one of them. Fire resistance is typically classified in accordance with EN 13501-2, although there is not yet a single harmonised European fire resistance test method which is acceptable and agreed by all members.
A fire test is a system test, as it is the performance of the ceiling tile, the suspension system and in most case the floor or roof construction above. The complete construction and assembly of the test installation is important to the success of the test so Armstrong always test Armstrong tiles on Armstrong grid.
Armstrong Prelude grids with TL, TLX or XL² Cross Tees have all been tested and are all capable of use in fire resistant ceilings.
There are many details of the test construction that must be understood and adhered to. These include:

- Main Runner type and hanger centres
- Minimum depth of the ceiling void
- Floor loading as a % of the design load

Always consult the full fire test or assessment document for details and limitations. Abridged versions must be regarded as undesirable as they will not show the full test details and construction.

HEALTH AND CLEANLINESS

CLEAN ROOM

A Clean Room is a space or a series of spaces where the concentration of particles is controlled in order to minimise the introduction, generation, retention of particles inside, generally for a specific industrial or research objective, as well as in healthcare environments. Parameters such as temperature, humidity and relative pressure are also maintained at a precise level, as defined in ISO 14644-1.

- Clean rooms are classified ISO 1 (cleanest) to ISO 9 depending on the number of particles measured.
- The performance is tested to ISO 14644-1 which determines the particle cleanliness class. Although US Federal Standard 209E has been officially withdrawn, it is continuously used as a reference.

Armstrong Clean Room grid gives enhanced performance thanks to it's co-extruded PVC gasket which enables a tighter seal to be established between tile and grid and has been tested to ISO 4.

There are 2 types of rooms:
- rooms with over-pressure, to avoid pollutants from entering (dust, bacteria,…)
- rooms with negative pressure, to avoid various contaminants from escaping to the outside (viruses, bacteria, spores,…).

WESTERN EUROPE

Belgium & Luxembourg
Armstrong Building Products B.V.
Postbus 3803
4800 DV Breda
Netherlands
Tel.: +32 02 223 00 72
Fax: +31 (0) 76 521 04 07
e-mail: benelux-info@armstrong.com
www.armstrongplafonds.be

Germany & Switzerland
Armstrong Building Products
Kundenservice
Office Building Quadrium
Claudius Prinsenlaan 126
4818 CP Breda
Netherlands
Tel.: +49 (0) 251 7603 210
Fax: +49 (0) 251 7603 593
e-mail: deutsche-info@armstrong.com
www.armstrong-decken.de
www.armstrong-decken.at
www.armstrong.ch

Firmensitz
Armstrong Building Products GmbH
Robert-Bosch-Str. 10
48153 Münster
Germany

Armstrong Metalldecken AG
Breitfeldstrasse 8
9015 St. Gallen
Switzerland
Tel.: +41 (0) 71 313 63 63
Fax: +41 (0) 71 313 64 00
e-mail: gema@armstrong.com
www.armstrong.ch
www.gema.biz

Zentralschweiz
Armstrong Metalldecken AG
Büro / Lager Zentralschweiz
Grossweid 9
6026 Rain
Switzerland
Tel.: +41 (0) 41 921 63 63
Fax: +41 (0) 41 921 63 80
e-mail: gema@armstrong.com
www.armstrong.ch
www.gema.biz

Armstrong Plafonds Métalliques SA
Bureau et Dépôt Suisse Romande
Avenue de Châtelaine 87
1219 Châtelaine
Suisse
Tel.: +41 (0) 22 731 60 70
Fax: +41 (0) 22 731 60 74
e-mail: gema@armstrong.com
www.armstrong.ch
www.gema.biz

Austria
Armstrong Metalldecken GmbH
Bundesstrasse 70
6830 Rankweil
Austria
Tel.: +43 (0) 55 22 34 44-0
Fax: +43 (0) 55 22 34 44-8
e-mail: gema@armstrong-decken.at
www.armstrong-decken.at
www.gema.biz

Armstrong Metalldecken GmbH
Messendorferstrasse 6
8041 Graz
Austria
Tel.: +43 (0) 316 471 584
Fax: +43 (0) 316 471 584-10
e-mail: gema@armstrong-decken.at
www.armstrong-decken.at
www.gema.biz

Spain & Portugal
Armstrong Building Products SAS
Immeuble Paryseine
3, allee de la Seine
94854 Ivry-sur-Seine Cedex
France
Phone: + 34 91 642 04 99
info-espana@armstrong.com
www.armstrongtechos.es

France
Armstrong Building Products SAS
Bureaux Commerciaux France
Immeuble Paryseine
3 Allée de la Seine
94854 Ivry-sur-Seine
France
Tel.: 0800 41 36 43
Fax: +33 1 45 21 04 11
e-mail: info-France@armstrong.com
www.armstrongplafonds.fr

Siège social
Armstrong Building Products SAS
67 rue de Salins – CS 20089
25302 Pontarlier Cedex
France

Italy & Greece
Armstrong Building Products
Ufficio Commerciale Italia
Immeuble Paryseine
3 Allée de la Seine
94854 Ivry-sur-Seine
France
Tel.: +39 800 118 085
e-mail: info-italia@armstrong.com
www.armstrongsoffitti.it

Netherlands
Armstrong Building Products B.V.
Postbus 3803
4800 DV Breda
Netherlands
Tel.: (+31) 076 523 02 00
Fax: (+31) 076 521 04 07
e-mail: benelux-info@armstrong.com
www.armstrongceilings.nl

United Kingdom
Armstrong World Industries Ltd
Building Products Division
Armstrong House
38 Market Square
Uxbridge UB8 1NG
United Kingdom
Tel.: 0800 371 849
Fax: +44 1895 274287
e-mail: sales-support@armstrong.com
www.armstrongceilings.co.uk

Republic of Ireland
Armstrong World Industries Ltd.
108 Greenlea Road
Terenure
Co Dublin 6W
Ireland
Tel.: 1800 409002
Tel.: (+353) 1 499 1701
Fax: (+353) 1 490 7061
e-mail: sales-support@armstrong.com
www.armstrongceilings.ie

CENTRAL EUROPE NORTH

(DK/EE/FIN/IS/LT/LV/N/PL/S)
Armstrong Building Products BV
Sp. z o.o. Oddział w Polsce
ul. Domaniewska 37
02-672 Warszawa
Poland
Tel.: (+48) 22 337 86 10/ 86 11
Fax: (+48) 22 337 86 12
e-mail: service-ce@armstrong.com
Latvia: www.armstrong.lv
Lithuania: www.armstrong.lt
Norway: www.armstrong.no
Poland: www.armstrongsufity.pl
Sweden: www.armstrong.se

CENTRAL EUROPE SOUTH

(AL/BA/BG/CZ/HR/HU/KO/MD/ME/MK/RO/RS/SK/SI)
Armstrong Building Products
Lighthouse building,
Jankovcova 1569/2c,
170 00 Praha 7,
Czech Republic
Tel.: +420 725 477 588

e-mail: service-ce@armstrong.com
Czech Republic: www.armstrong.cz
Hungary: www.armstrong.co.hu
Romania: www.armstrong.ro
Serbia: www.armstrong.rs
Slovakia: www.armstrong.sk
Slovenia: www.armstrong.si
www.armstrongceilings.eu

EASTERN EUROPE

CIS
Armstrong Moscow GmbH
Mosfi lmovskaya Street 38A,
Moscow 119285,
Russian Federation
Tel.: +7 (495) 258 5100
Fax: + 7 (495) 258 5103
e-mail: info-cis@armstrong.com
Russian Federation:
www.armstrongceilings.ru

MIDDLE EAST / AFRICA / TURKEY

Armstrong World Industries Ltd
Africa Middle East Turkey Division
Armstrong House
38 Market Square
Uxbridge UB8 1NG
Tel.: +44 01895 202097
Fax: +44 01895 272928
e-mail: sales-support@armstrong.com
www.armstrong.eu
Israël: www.armstrong.co.il
South Africa:
www.armstrong-ceilings.co.za

Middle East Regional Office, Dubai, UAE & French Speaking Africa
Office No. 2003, 20th Floor
Gold Crest Executive Tower
Jumeirah Lakes Towers
P.O. Box 73831
Dubai, United Arab Emirates
Tel.: +971 4 453 4545
Fax: +971 4 453 4546
info-me@armstrong.com
www.armstrong.ae

Turkey
Armstrong Europa GmbH
Mimar Sinan Mah. Mimar Sinan
Cad. No: 35/2 Cekmekoy
Istanbul
Turkey
Gsm: +90 542 772 49 22
Gsm: +90 544 293 5931
www.armstrong.com.tr
etulpar@armstrong.com

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Armstrong Building Products - RCS Besançon B 784 131 575 Printed on chlorine free paper.

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