

PRELUDE 24 - TLS

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 TLS clip for strength, fire performance and better alignment
- Rotary stitched: strength and extra stability

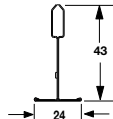
Application area

Classrooms / Meeting rooms / Individual offices

Physical data

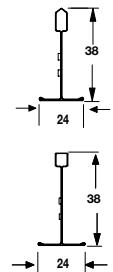
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in global White
- Other standard colours available on popular items

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



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

PRELUDE 24 - TLS CROSSTEES (hook system, butt cut)



Cross Tees slotted								
	09 30 31 ⁽¹⁾	1200	38	300	60	72,00	18,10	72
	09 34 32	1800	38	300	60	54,00	17,10	20
	09 36 32	1500	38	*	60	45,00	14,50	20
	09 32 32	1000	38	250	60	60,00	19,40	72
Cross Tees unslotted								
	09 20 31 ⁽¹⁾	600	38	-	60	36,00	9,10	144
	09 22 32	500	38	-	60	30,00	9,70	80
	09 24 32 C	300	38	-	60	18,00	6,88	144

(*) slotted at 150mm, 500mm, 750mm, 1000mm, 1350mm

SUSTAINABILITY



FIRE REACTION



EEA Euroclass A1
EN 13501-1

OTHER PERFORMANCES & FEATURES



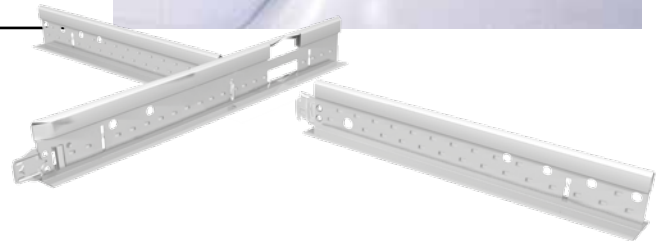
CUSTOM OPTIONS



Colours



Dimensions

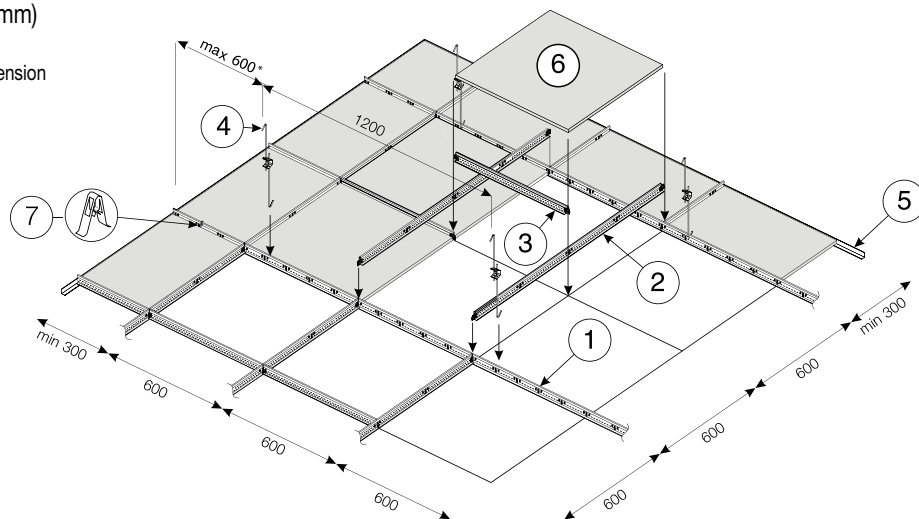


(1) Colours available : BK (Black), BS (Brass), CE (Chrome), SG (RAL 9006), WR (RAL 9010)
All measurements in millimeters. All sizes are nominal.
Availability of products may vary according to location.
Please contact Armstrong Technical Sales for further details.

SYSTEM DRAWING (module 600 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 1m ² (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	1200 mm	1200 mm	0.84 lm	1.67 lm	-	0.70 pcs	5.56 pcs
1.39 pcs	600 mm	1200 mm	1.67 lm	-	0.84 lm	1.40 pcs	
600 x 600 mm	1200 mm	1200 mm	0.84 lm	1.67 lm	0.84 lm	0.70 pcs	
2.78 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 -TLS

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)	09 34 32 09 20 31	09 30 31 09 20 31	09 20 31

Configuration (Main Runner horizontal)	MR	MR	MR
1800	MR	MR	MR
1200	MR	MR	MR
600	MR	MR	MR
-600--600--600--MR	MR	MR	MR

Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)		
2.5 kg/m ²	1650	1900	2100
3.0 kg/m ²	1600	1800	2100
3.5 kg/m ²	1500	1750	2100
4.0 kg/m ²	1450	1650	2050
5.0 kg/m ²	1350	1550	2000
5.5 kg/m ²	1350	1550	1950
6.0 kg/m ²	1250	1500	1900
7.0 kg/m ²	-	1400	1800
8.5 kg/m ²	-	1300	1700
10.5 kg/m ²	-	1200	1600
13.0 kg/m ²	-	1050	1500
14.0 kg/m ²	-	1000	1450

- Values in the above table conform to Class 1 as defined in EN 13964:2014 table 6. For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2014 clause 5.
- Values are applicable for 600 x 600 mm tiles assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- Other additional load such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs, etc. can only be applied with extra hanger.
- 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.

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.

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