


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

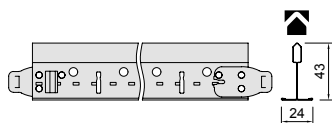
Application area

Classrooms / Meeting rooms / Individual offices

Physical data

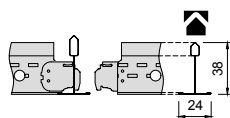
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

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



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

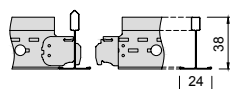
PRELUDE 24 - TLS CROSS TEES (hook system, butt cut)



Cross Tees slotted

08 30 31	1200	24	38	300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 31 31	1250	24	38	312.5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 33 31	1350	24	38	337.5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 34 32	1800	24	38	300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 36 32	1500	24	38	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 10 32	1875	24	38	312.5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 50 32	1724	24	38	300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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



Cross Tees unslotted

08 20 31	600	24	38	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 21 31	625	24	38	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 23 31	675	24	38	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 18 32	900	24	38	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 24 32 C	300	24	38	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 25 32 C	312.5	24	38	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

SUSTAINABILITY



FIRE REACTION



EEA Euroclass A1
EN 13501-1

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

OTHER PERFORMANCES & FEATURES



30YEAR
system
guarantee

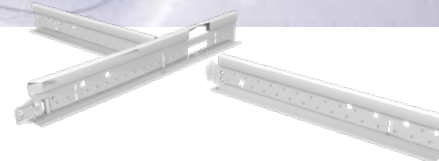
CUSTOM OPTIONS



Colours



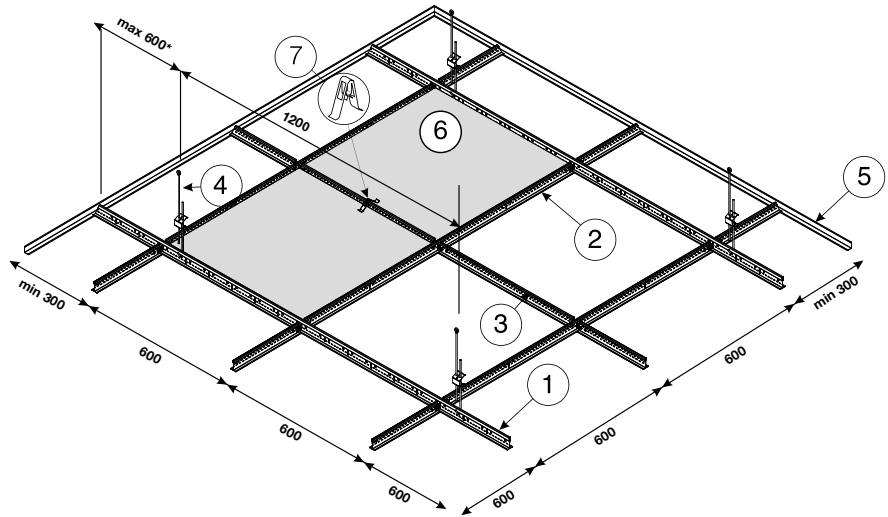
Dimensions



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)	08 34 32 08 20 31	08 30 31 08 20 31	08 20 31

Configuration (Main Runner horizontal)	Maximum suspension spacing along Main Runner (mm)		
	1800	1200	600
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.

www.armstrongceilings.co.uk