

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

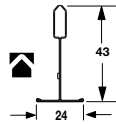
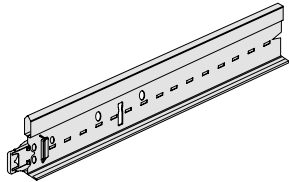
Application area

Classrooms / Meeting rooms / Individual offices

Physical data

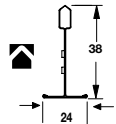
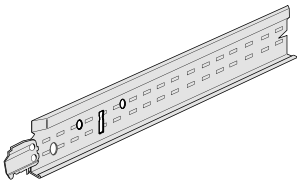
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White
- Other standard colours available on popular items

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



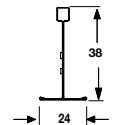
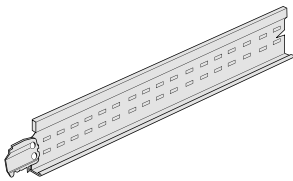
Item Nr.	Dimensions length (mm)	Dimensions height (mm)	Content pcs	Carton lm	Weight / Carton kg	Cartons / Pallet
31 40 32 A ⁽¹⁾	3600	43	20	72,00	21,00	30
31 41 33 B ⁽¹⁾	3750	43	20	75,00	21,90	30
31 43 33 A	3375	43	20	67,50	20,00	30
31 42 32	3000	43	20	60,00	17,50	30

● PRELUDE 24 - 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

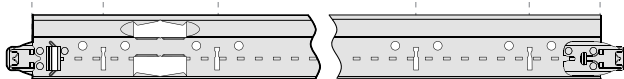


Cross Tees unslotted

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

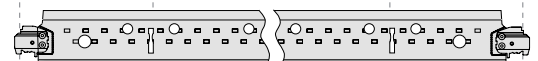
● SECTION DRAWINGS

Prelude 24 - Universal Peakform Main Runners

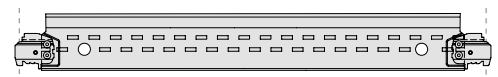


Length	78,125	156,25	21 x 156,25	156,25	78,125
▲ 3750	78,125	156,25	21 x 156,25	156,25	78,125
▲ 3600	50	100	33 x 100	100	50
▲ 3375	337,5	675	2 x 675	675	337,5
▲ 3000	50	100	27 x 100	100	50

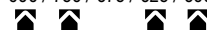
Prelude 24 - TLX Cross Tees



Length	312,5	4 x 312,5	312,5
▲ 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

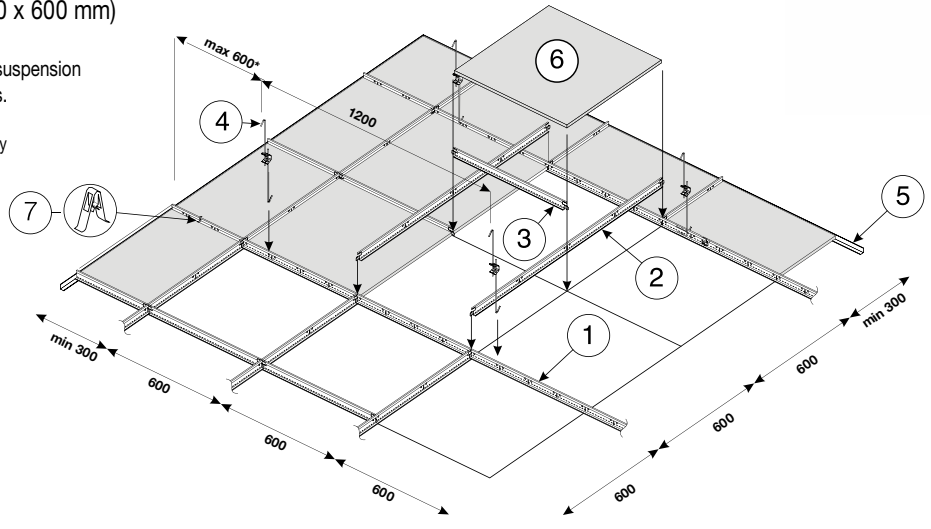




● **SYSTEM DRAWING** (module 1200 x 600 mm)

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 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 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

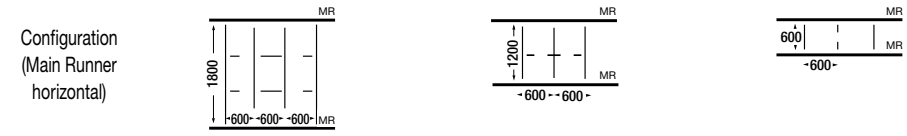
The chart is for general guidance only.

● **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

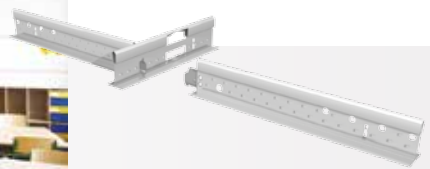


Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)		
	1800	1200	600
2,5 kg/m ²	1650	1900	2100
3,0 kg/m ²	1600	1800	2100
3,5 kg/m ²	1500	1750	2100
4,0 kg/m ²	1450	1650	2050
5,0 kg/m ²	1350	1550	2000
5,5 kg/m ²	1350	1550	1950
6,0 kg/m ²	1250	1500	1900
7,0 kg/m ²	-	1400	1800
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 13964:2004 +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.