

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)

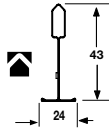
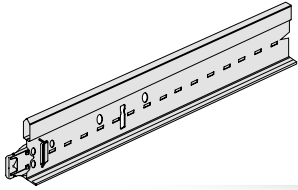
Application area

Higher humidity areas

Physical data

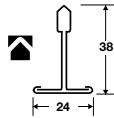
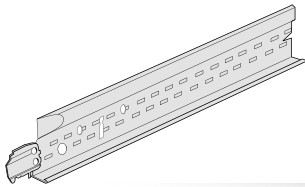
- Material: galvanised steel with additional protective treatment
- Surface finish: baked polyester paint
- Colour: Global White

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



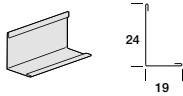
Item Nr.	Dimensions length (mm)	height (mm)	Content / pcs	Carton / lm	Weight / Carton kg	Cartons / Pallet
28 40 42	3600	43	20	72.00	21.00	30
28 41 42	3750	43	20	75.00	21.90	30

● PRELUDE 24 CORROSIVE RESISTANT - TLX CROSSTEES (Hook system, butt cut)



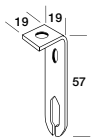
14 31 32	1250	38	60	72.00	18.20	72
14 30 32	1200	38	60	75.00	18.90	72
14 20 32	600	38	60	36.00	9.10	144
14 21 32	625	38	60	37.50	9.50	144

● 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

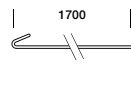
● ACCESSORIES



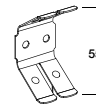
A WDNCR 20 H
Bent tee bar hanger for threaded rod



A CR1827 G
Nut for threaded rod



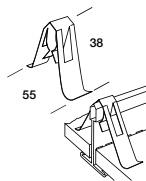
A CR827 G
1700 mm hanger with hook



A CR12 G
Butterfly



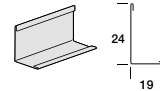
A CR1829 G
1000mm Threaded rod dia. 6 mm



A CR7890 G
Universal retaining clip



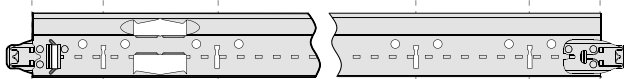
A CR11 G
Small hook



T 1924 LB
Corrosive resistant suspension angle

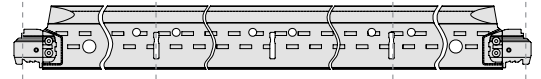
● SECTION DRAWINGS

Prelude 24 Corrosive Resistant - Universal Peakform Main Runners

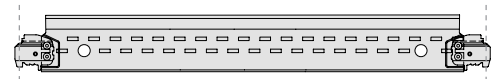


Length	3750	78.125	156.25	21 x 156.25	156.25	78.125
	3600	50	100	33 x 100	100	50

Prelude 24 Corrosive Resistant - TLX Cross Tees



Length	1200	300	300	300	300
	1250	312.5	312.5	312.5	312.5

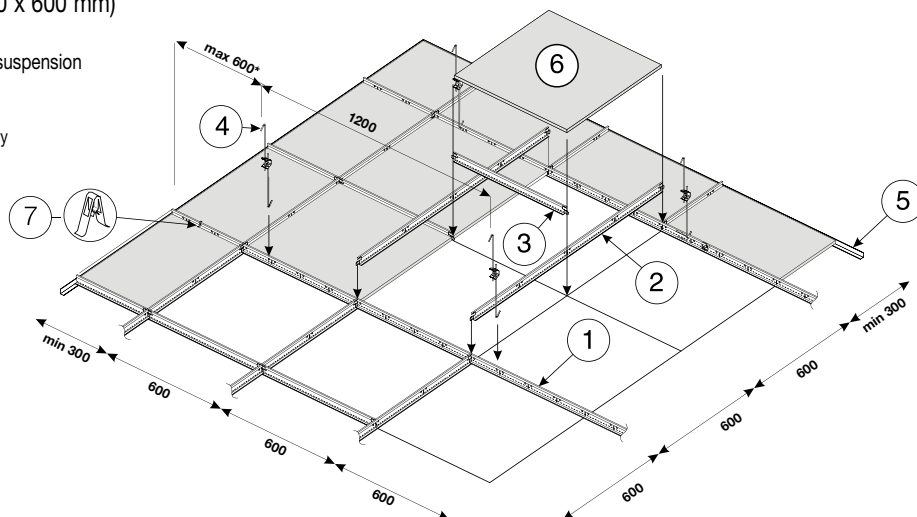


600/ 625

● 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 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

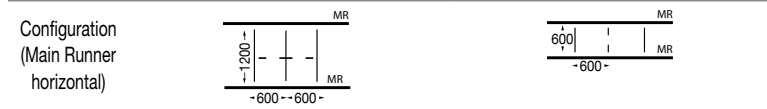
The chart is for general guidance only.

● GRID LOAD CAPACITIES

Prelude 24 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

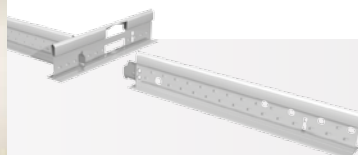


Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)	
2.5 kg/m ²	1900	2100
3.0 kg/m ²	1800	2100
3.5 kg/m ²	1750	2100
4.0 kg/m ²	1650	2050
5.0 kg/m ²	1550	2000
5.5 kg/m ²	1550	1950
6.0 kg/m ²	1500	1900
7.0 kg/m ²	1400	1800
8.5 kg/m ²	1300	1700
10.5 kg/m ²	1150	1600
13.0 kg/m ²	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 102-103.



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



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