

Prelude 24 Corrosive Resistant



Exposed 24mm grid system for higher humidity environments.

KEY FEATURES

- Special paint finish and coated integral Cross Tee hook system for enhanced corrosion resistance
- 700 hours salt spray test (EN ISO 9227)
- Durability Class C (EN 13964)

APPLICATION AREA

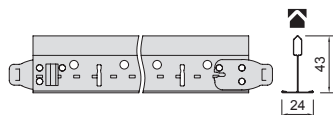
Higher humidity areas

PHYSICAL DATA

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

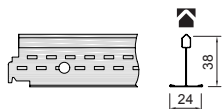


PRELUDE 24 CORROSIVE RESISTANT - UNIVERSAL PEAKFORM MAIN RUNNER AND SUPERLOCK CLIP (BULB-TO-BULB CONNECTION)



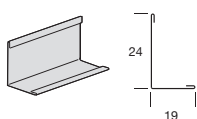
Item No.	Dimensions (mm)		Content / Carton		Weight / Carton	Cartons / Pallet
	Length	Height	pcs	lm	kg	
28 40 42	3600	43	20	72.00	21.00	30

PRELUDE 24 CORROSIVE RESISTANT - TL* CROSS TEES (HOOK SYSTEM, BUTT CUT)



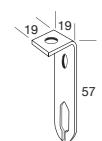
15 30 32	1200	38	60	75.00	18.90	72
15 20 32	600	38	60	36.00	9.10	144

PERIMETER SOLUTION



Item No.	Description	Dimensions (mm)		Content / Carton	Weight / Carton
		Length	Height	pcs	kg
T 1924 LB	Corrosive resistant perimeter angle	3050	24	36	109.80

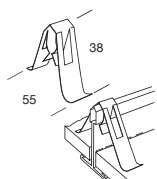
ACCESSORIES



A WDNCR 20 H
Bent tee bar hanger
for threaded rod

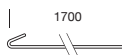


A CR1829 G
1000mm Threaded
rod dia. 6mm



A CR1827 G
Nut for threaded rod

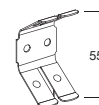
A CR7890
Universal retaining clip



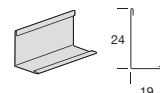
A CR827 G
1700mm hanger
with hook



A CR11 G
Small hook



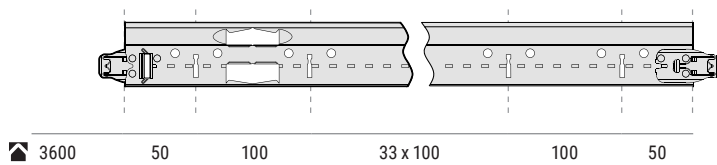
A CR12 G
Butterfly



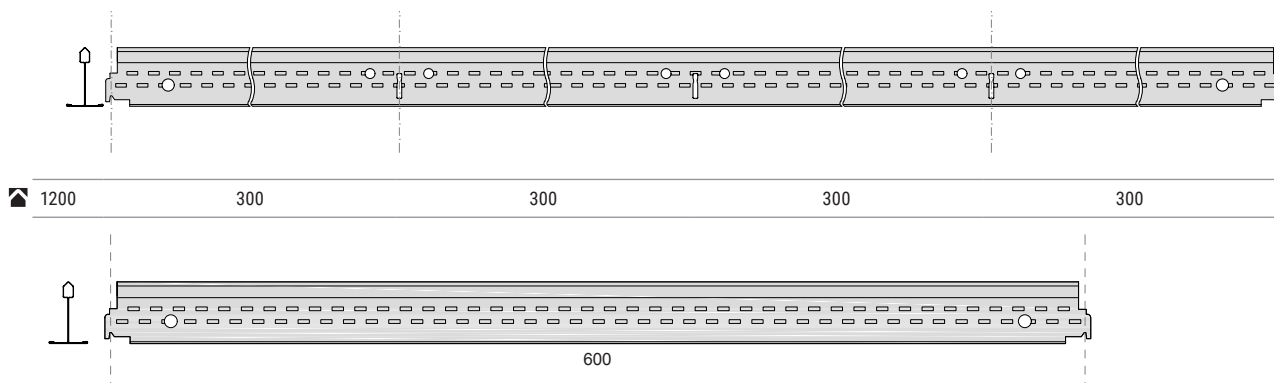
T 1924 LB
Corrosive resistant
perimeter angle

SECTION DRAWINGS

PRELUDE 24 CORROSIVE RESISTANT - UNIVERSAL PEAKFORM MAIN RUNNERS



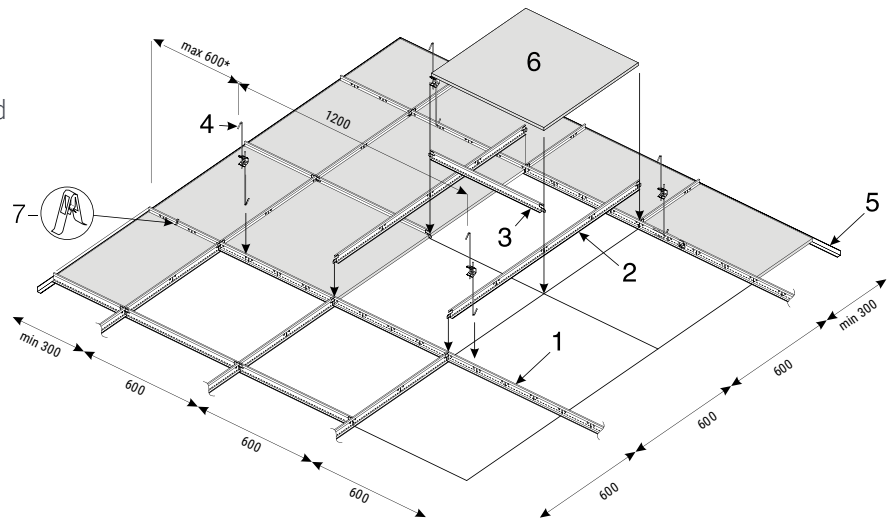
PRELUDE 24 CORROSIVE RESISTANT - TL* CROSS TEES



SYSTEM DRAWING (MODULE 1200 x 600mm)

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 1200mm	(3) Cross Tee 1600mm	(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	1.67m	-	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.

- Values in the table conform to Class 1 as defined in EN 13964 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 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



Prelude 24 Corrosive Resistant Main Runner – 28 40 42		
Main Runner centres (mm)	1200	600
Cross Tees(s)	15 30 32	15 20 32

Configuration
(Main Runner horizontal)



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

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