

# PRELUDE 24 SIXTY<sup>2</sup>

Taller exposed 24mm grid system for longer spanning capability

## Key Attributes

- Double Peakform: patented design for longer spans, stability and easier to cut
- Superlock clip: secure Main Runner connection for better alignment and easier to disconnect
- Compatible with Prelude 24 Sixty<sup>2</sup> XL<sup>2</sup> Cross Tees and Prelude 24 TLX & XL<sup>2</sup> Cross Tees
- Rotary stitched: strength and extra stability

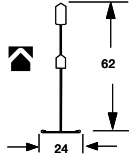
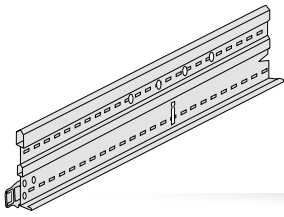
## Application area

Circulation areas / Buildings with limited suspension points

## Physical data

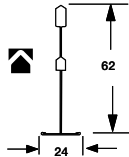
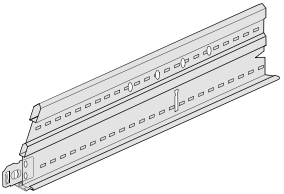
- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in Global White

### ● PRELUDE 24 SIXTY<sup>2</sup> - UNIVERSAL DOUBLE PEAKFORM MAIN RUNNER WITH SUPERLOCK CLIP (bulb-to-bulb connection)



Item Nr.	Dimensions length (mm)	height (mm)	Content / pcs	Carton lm	Weight / Carton kg	Cartons / Pallet
40 40 93 G <sup>(1)</sup>	3600	62	12	43.20	21.90	36
40 41 93 G <sup>(1)</sup>	3750	62	12	45.00	22.80	36
40 43 93 G <sup>(1)</sup>	3375	62	12	40.50	20.60	36

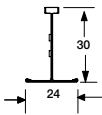
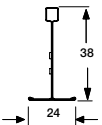
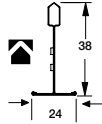
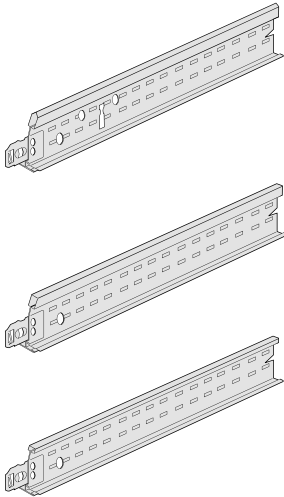
### ● PRELUDE 24 SIXTY<sup>2</sup> - CROSSTEES (stab system, override)



#### Cross Tees slotted at 300mm

40 09 93 <sup>(1)</sup>	2400	62	20	48	22.90	20
40 34 93 <sup>(1)</sup>	1800	62	20	36	17.15	20

### ● PRELUDE 24 - XL<sup>2</sup> CROSSTEES (stab system, override)



#### Cross Tees slotted

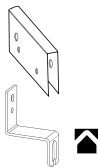
31 33 31	1350	38	60	81.00	17.20	20
31 31 51 B <sup>(1)</sup>	1250	38	60	75.00	18.90	72
31 30 51 B <sup>(1)</sup>	1200	38	60	72.00	18.20	72
31 32 31 <sup>(2)</sup>	1000	38	60	60.00	15.10	42

31 34 31 A	1800	38	30	54.00	17.00	20
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#### Cross Tees unslotted

31 16 32	750	38	60	45.00	14.70	72
31 25 32	312.5	38	60	18.75	4.60	144
31 24 32	300	38	60	18.00	4.60	144
31 23 21	675	30	60	40.50	7.70	144
31 21 23 A <sup>(1)</sup>	625	30	60	37.50	8.60	144
31 20 21 A <sup>(1)</sup>	600	30	60	36.00	8.20	144
31 22 21 <sup>(2)</sup>	500	30	60	30.00	6.80	84

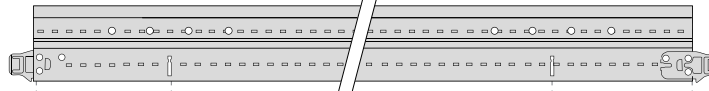
### ● ACCESSORIES



Item Nr.	Description	Dimensions length (mm)	height (mm)	Content / Carton pcs	Weight / Carton kg
A 401 G	Top Connector Clip accessory for Prelude Sixty <sup>2</sup> (Included in the carton)	-	-	-	-
A WDN 23 G	Double bent tee bar hanger	57	36	100	2.30

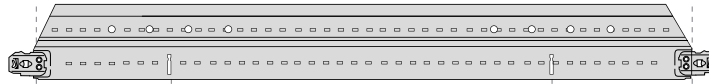
● SECTION DRAWINGS

**Prelude 24 Sixty<sup>2</sup> - Universal Double Peakform Main Runners**



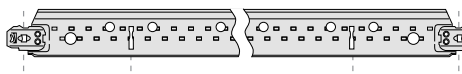
Length			
▲ 3750	156.25	11 x 312.5	156.25
▲ 3600	150	11 x 300	150
▲ 3375	168.75	9 x 337.5	168.75

**Prelude 24 Sixty<sup>2</sup> - Cross Tees**



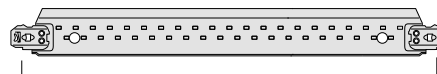
Length			
▲ 2400	300	6 x 300	300
▲ 1800	300	4 x 300	300

**Prelude 24 - XL<sup>2</sup> Cross Tees**



Length			
▲ 1800	300	4 x 300	300
▲ 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

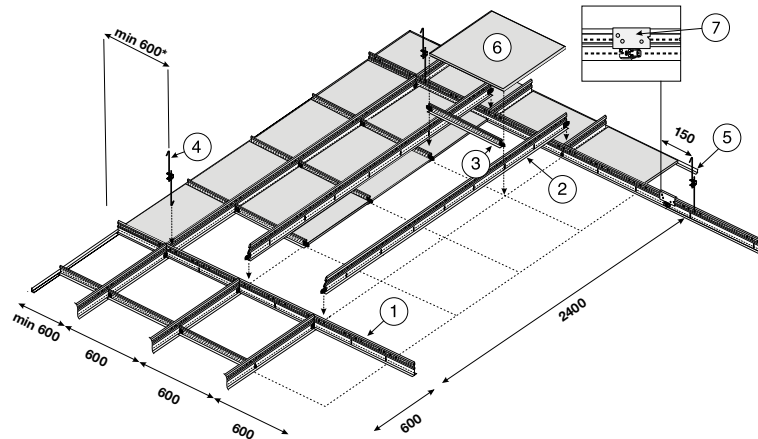
**Prelude 24 - XL<sup>2</sup> Cross Tees**



750 / 675 / 625 / 600 / 500 / 312.50 / 300

● **SYSTEM DRAWING** (module 2400 x 600 mm)

- ① Main Runner
- ② Cross Tee 2400 mm
- ③ Cross Tee 600 mm
- ④ Hanger
- ⑤ Perimeter Trim
- ⑥ Tile
- ⑦ Top Connector Clip (TCC)



⑥ Tiles	Main Runner centres	Quantities required per 1m <sup>2</sup> (no waste included)			
		① Main Runner	② Cross Tee 2400 mm	② Cross Tee 1800 mm	③ Cross Tee 600 mm
600 x 600 mm	2400 mm	0.42 lm	1.67 lm	-	1.25 lm
	1800 mm	0.56 lm	-	1.67 lm	1.11 lm
	1200 mm	0.84 lm	-	-	1.84 lm
	600 mm	1.67 lm	-	-	1.67 lm

⑤ Perimeter trim approx. 0.70 lm/m<sup>2</sup>

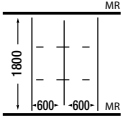
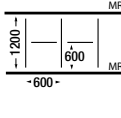
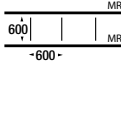
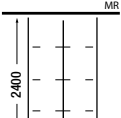
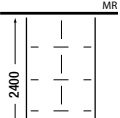
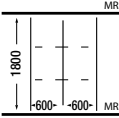
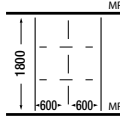
The chart is for general guidance only.

All products standard in Global White. Other standard colours available for item numbers with index (1), (2) or (3). See details below.  
 (1) Also available in RAL 9010 (WR), RAL 9006 (SG) and Black (BK).  
 (2) Colours available: Black (BK), RAL 9006 (SG), Brass (BS), Chrome (CE), White RAL 9010 (WR).  
 (3) Also available in RAL 9010 (WR).  
 All measurements in millimetres. All sizes are nominal.

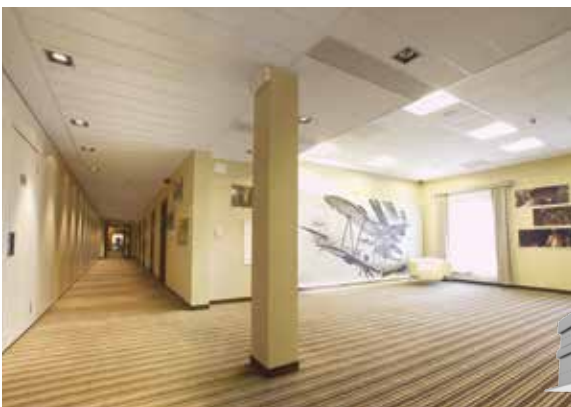
## ● GRID LOAD CAPACITIES

### Prelude 24 Sixty<sup>2</sup> System

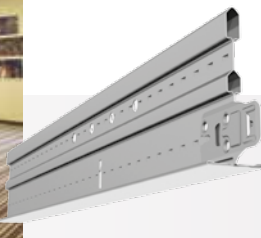
The following table gives the maximum permitted hanger distance (mm) along the double Peakform Main Runner (40 40 93 G) for the tile weights and Main Runner spacings noted.

Prelude 24 XL <sup>2</sup> - Cross Tees				Prelude 24 Sixty <sup>2</sup> - Cross Tees			
Main Runner centres (mm)	1800	1200	600	2400	2400	1800	1800
Cross Tee(s)	31 34 31 A 31 20 21 A	31 30 51 B 31 20 21 A	31 20 21 A	40 09 93 31 20 21 A	40 09 93 31 30 51 B 31 20 21 A	40 34 93 31 20 21 A	40 34 93 31 30 51 B 31 20 21 A
Configuration (Main Runner horizontal)							
Weight of ceiling tile (kg/m <sup>2</sup> )	Maximum suspension spacing along Main Runner (mm)						
2.5 kg/m <sup>2</sup>	2250	2400	2400	2100	2150	2250	2300
3.0 kg/m <sup>2</sup>	2200	2400	2400	2050	2050	2200	2200
3.5 kg/m <sup>2</sup>	2150	2350	2400	2000	2000	2150	2150
4.0 kg/m <sup>2</sup>	2050	2300	2400	1900	-	2050	2100
5.0 kg/m <sup>2</sup>	2000	2200	2400	1750	-	2000	2000
5.5 kg/m <sup>2</sup>	1900	2150	2400	1650	-	1900	1900
6.0 kg/m <sup>2</sup>	1850	2100	2400	1600	-	1850	1850
7.0 kg/m <sup>2</sup>	-	2050	2400	1500	-	1700	1700
7.5 kg/m <sup>2</sup>	-	2000	2350	1400	-	1650	1650
8.5 kg/m <sup>2</sup>	-	1900	2300	-	-	1550	1550
9.5 kg/m <sup>2</sup>	-	1800	2250	-	-	1450	1450
10.5 kg/m <sup>2</sup>	-	1700	2200	-	-	1400	-
13.0 kg/m <sup>2</sup>	-	1550	2100	-	-	1250	-

- 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 products standard in Global White. Other standard colours available for item numbers with index (1), (2) or (3). See details below.  
 (1) Also available in RAL 9010 (WR), RAL 9006 (SG) and Black (BK).  
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 (3) Also available in RAL 9010 (WR).  
 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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