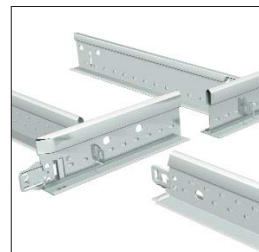
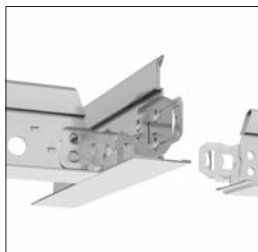



# PeakForm



## SUSPENSION SYSTEMS



# The PeakForm Range: WHERE **INNOVATION** MEETS PERFORMANCE

 **PeakForm** is a comprehensive range of suspended ceiling grid solutions designed to meet most commercial design requirements:

- General Application: Including PRELUDE XL 24mm and SUPRAFINE XL 15mm systems.
- Designer Applications: Including the minimalist SILHOUETTE system.
- Perimeter Trims and Accessories.

**PeakForm** suspension systems meet the requirements of Australian Standard 2785-2000 "Suspended Ceilings Design and Installation" and are designed for use with a wide variety of Armstrong ceiling products including: mineral and soft fibre, metal, wood and special solutions.

## PeakForm Grid Profiles

**PeakForm** is an innovative design for Main Runners and Cross Tees. The taller **PeakForm** profiles are engineered to create a stronger, more stable suspension system making installation both faster and easier. **PeakForm** Main Runners feature a firm, quick and easy assembled Main Runner to Main Runner / bulb to-bulb connection.

The staked-on Superlock joiner clip allows for Main Runners to be disconnected and reconnected laterally in low clearance areas or in the middle of a room. Superlock is an industry first staked-on clip for Main Runners which provide tighter, secure bulb-to-bulb connections; connections are confirmed by an audible click.

## Hot Dipped Galvanized Steel:

Inhibits red rusting better and longer than electro galvanised or painted systems

- Installation of grid can start before the building is enclosed.
- Long term system performance because entire system is hot dipped galvanised steel.

## Thin gauge technology:

A lighter carton weight enables easier handling on site, plus the added benefit of the **PeakForm** bulb allows easy cutting of the grid.

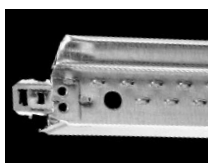


## Physical detail

All grid sections are made from double-web galvanised steel with a surface finish of baked polyester paint.

## Rotary Stitched for strength

All **PeakForm** components feature a unique "rotary stitched" construction. The two metal layers of the vertical web are mechanically locked together in a sophisticated in-line process. Stitching enhances the torsional resistance and general "feel" of the **PeakForm** components.



### Warranty

10-year limited warranty.

30-year limited warranty when used with

Armstrong RH99 ceiling panels.



## PeakForm "click" installation

**PeakForm** Cross Tees in both 24mm and 15mm widths feature an advanced stab system that locates with an audible "click", ensuring a solid installation at all times. The stab end is precision stamped from a separate piece of high grade steel permitting an increased accuracy and economy of production over the more conventional integral forming of the Cross Tee ends. All 1200 long Cross Tees feature the **PeakForm** design.

The Cross Tees are inserted to the right of each other through the Main Runner slots and easily pushed home.



## Sustainability

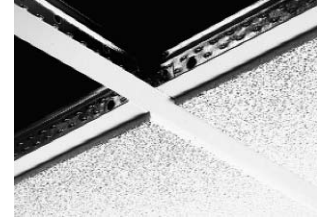
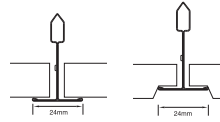
Armstrong **PeakForm** suspension systems contain 30% recycled content and can be fully recycled at the end of life.

**PeakForm** grid systems are modular and can be disassembled and reused.

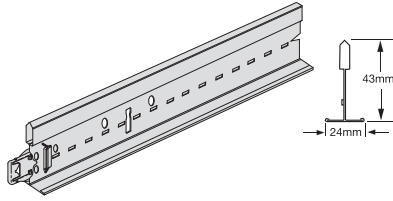
30 Year performance guarantee ensures longevity and low life cycle costs.

# PeakForm PRELUDE 24 XL<sup>2</sup>

PeakForm Prelude XL<sup>2</sup> suspension system is a robust, general purpose, exposed 24mm “tee” grid, suitable for square edge and tegular edge ceiling panels.

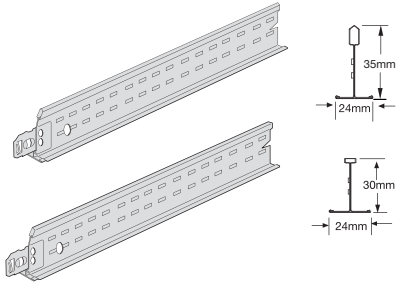


## Main Runner: PRELUDE 24 with Superlock Clip (bulb-to-bulb connection)



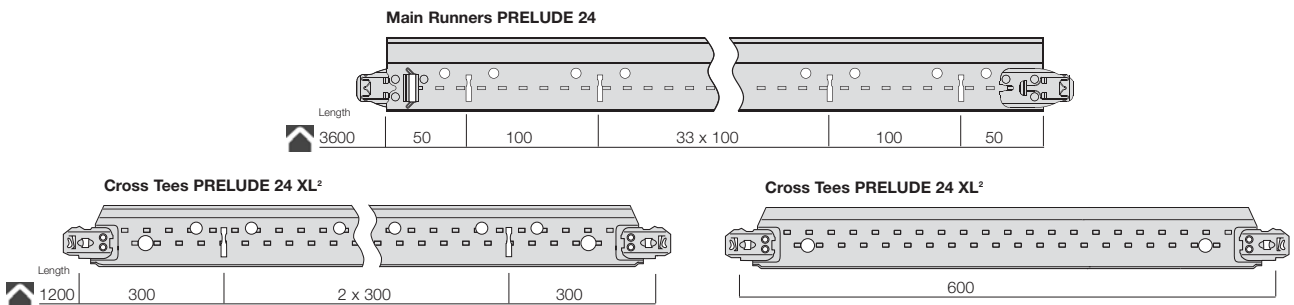
Item Number	Dimensions length (mm) height (mm) width (mm)			Rout Centres mm	Content / Carton pcs lm		Weight / Carton kg
BP 73 40 42 P	3600	43	24	100	20	72,00	22

## Cross Tees: PRELUDE 24 XL<sup>2</sup> (stab system, override)



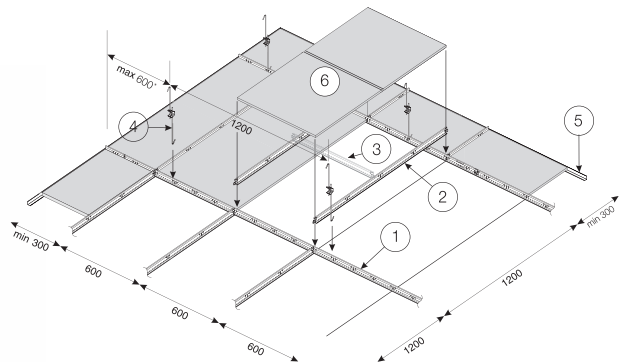
BP 31 30 52 P	1200	35	24	300	60	72,00	21
BP 31 20 22 A	600	30	24	-	60	36,00	10

## Section Drawings



## System Drawing and Installation (Typical modules are 1200 x 600mm and 600 x 600mm. Special sizes available upon request.)

Standard lay-in installation of 24mm exposed suspension system using Board or Tegular tiles.



Module	Installation n		Quantities required per 100m <sup>2</sup> (no waste included)			
6 Ceiling Panels	Main Runner centres	Hangers centres	1 Main Runner	2 Cross Tee 1200mm	3 Cross Tee 600mm	4 Hanger
1200 x 600mm 139 pcs	1200mm	1200mm	23 pcs	139 pcs	-	70 pcs
	600mm	1200mm	48 pcs	-	139 pcs	140 pcs
600 x 600mm 278 pcs	1200mm	1200mm	23 pcs	139 pcs	139 pcs	70 pcs
	600mm	1200mm	48 pcs	-	278 pcs	140 pcs

5 Perimeter trim quantity depends upon room geometry

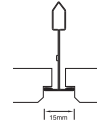
The chart is for general guidance only.

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.  
For perimeter details, hangers and accessories, please refer to pages 6 – 7.

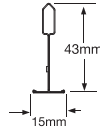
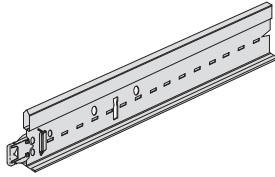
For additional information and drawings, please refer to [www.armstrongceilings.com.au](http://www.armstrongceilings.com.au)

# PeakForm SUPRAFINE 15 XL<sup>2</sup>

PeakForm SUPRAFINE XL<sup>2</sup> suspension system is a refined narrow profile, exposed 15mm “tee” grid, suitable for tegular edge ceiling panels.

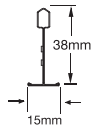
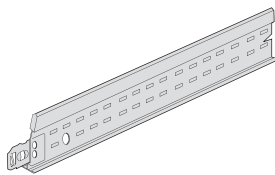


## Main Runner: SUPRAFINE 15 with Superlock Clip (bulb-to-bulb connection)



Item Number	Dimensions length (mm) height (mm) width (mm)			Rout Centres mm	Content / Carton pcs lm		Weight / Carton kg
BP 75 40 42 P	3600	43	15	100	20	72,00	22,50

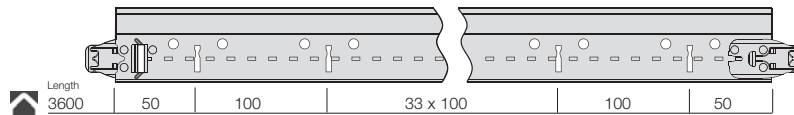
## Cross Tees: SUPRAFINE 15 XL<sup>2</sup> (stab system, override)



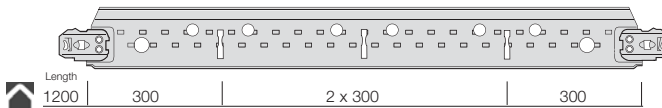
BP 75 30 42	1200	38	15	300	60	72,00	20,70
BP 75 20 42	600	38	15	—	60	36,00	10,30

## Section Drawings

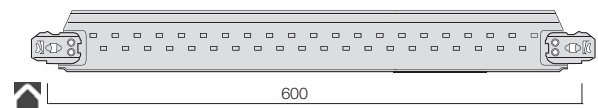
Universal Main Runners SUPRAFINE 15



Cross Tees SUPRAFINE 15 XL<sup>2</sup>

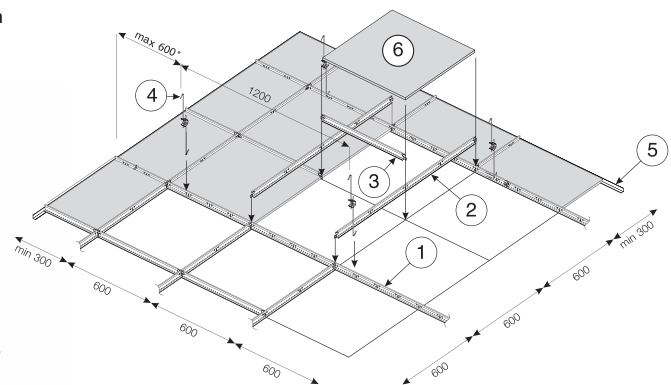


Cross Tees SUPRAFINE 15 XL<sup>2</sup>



## System Drawing and Installation (Typical modules are 1200 x 600mm and 600 x 600mm. Special sizes available upon request.)

Standard lay-in installation of 15mm exposed suspension system for Tegular Edge Panels.



Module		Installation		Quantities required per 100m <sup>2</sup> (no waste included)			
6	Ceiling Panels	Main Runner centres	Hangers centres	1 Main Runner	2 Cross Tee 1200mm	3 Cross Tee 600mm	4 Hanger
1200 x 600mm 139 pcs	1200mm	1200mm	23 pcs	139 pcs	-	70 pcs	
	600mm	1200mm	48 pcs	-	139 pcs	140 pcs	
600 x 600mm 278 pcs	1200mm	1200mm	23 pcs	139 pcs	139 pcs	70 pcs	
	600mm	1200mm	48 pcs	-	278 pcs	140 pcs	

5 Perimeter trim quantity depends upon room geometry

The chart is for general guidance only.

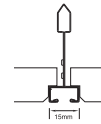
Cross tee alignment is achieved by locating the tees to the right-hand side of the adjoining section.  
All measurements in millimetres. All sizes are nominal.  
For perimeter details, hangers and accessories, please refer to pages 6 - 7.

For additional information and drawings, please refer to [www.armstrongceilings.com.au](http://www.armstrongceilings.com.au)

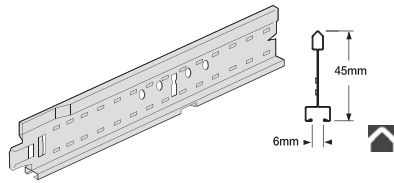
# PeakForm SILHOUETTE 15 XL<sup>2</sup>

Exposed 15 mm grid system (nominal).

Silhouette XL<sup>2</sup> is a suspension system designed to create a crisp, clean look in conjunction with Tegular B15 tiles to provide an enhanced aesthetic.

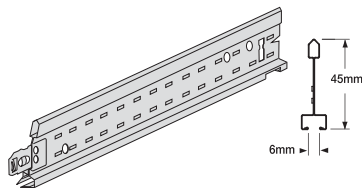


## Main Runner: SILHOUETTE 15 (by-pass connection)



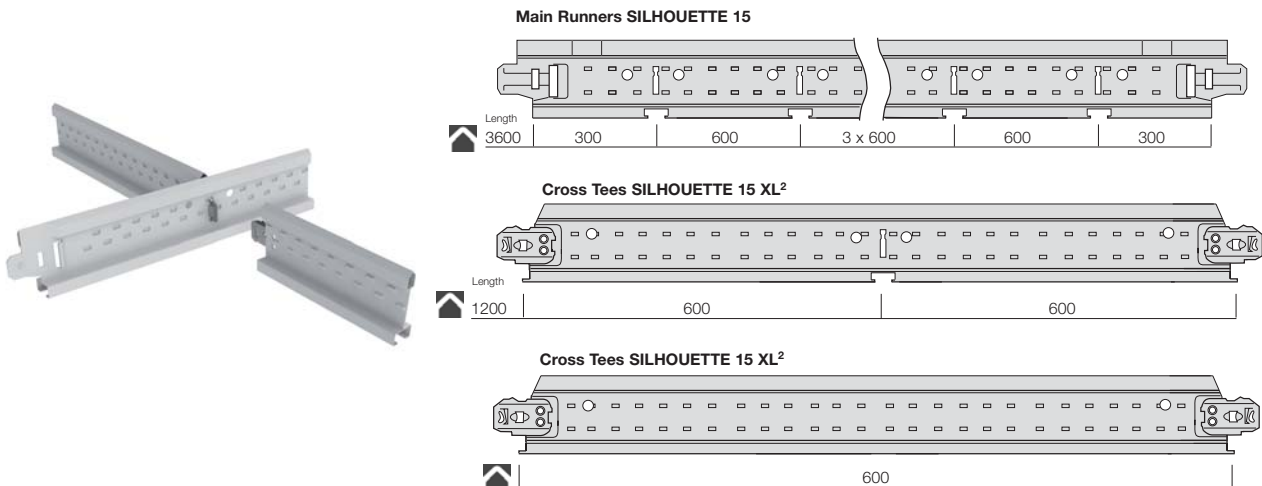
Item Number	Dimensions			Rout & Mitre Centres mm	Content / Carton		Weight / Carton kg
	length (mm)	height (mm)	width (mm)		pcs	lm	
with 6mm reveal							
BP 80 40 80	3600	45	15	600	20	72,00	24,50

## Cross Runners: SILHOUETTE 15 XL<sup>2</sup> (stab system)



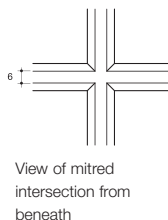
<b>with 6mm reveal</b>							
BP 80 30 82	1200	45	15	600	60	72,00	24,50
BP 80 20 82	600	45	15	—	60	36,00	12,70

## Section Drawings

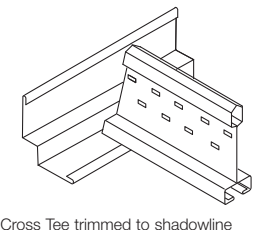
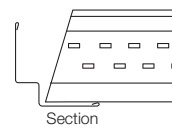
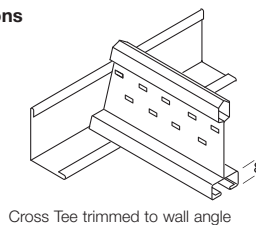
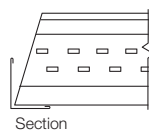


## SILHOUETTE 15 XL<sup>2</sup>

- Pre-mitred intersections

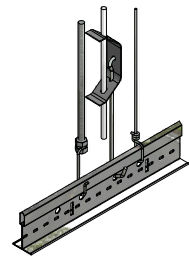


### Perimeter Solutions

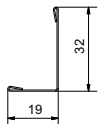
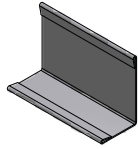


All measurements in millimetres. All sizes are nominal.  
For perimeter details, hangers and accessories, please refer to pages 6 –7.  
For additional information and drawings, please refer to [www.armstrongceilings.com.au](http://www.armstrongceilings.com.au)

# PERIMETER TRIMS AND ACCESSORIES

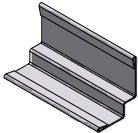


## Perimeter Trims

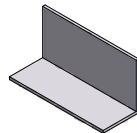


BPT1932H

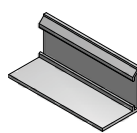
Item Number	Description	Length (mm)	Content / Carton pcs / lm	Weight / Carton kg
BPT1932H BP 784003	<b>Steel Perimeter Trims: Roll Formed and Prepainted</b>			
	Long Leg Wall Angle	3600	30 / 108	21
	Shadow Line Wall Angle	3600	30 / 108	20
AL008GW AL008RCPGW AL009GW AL009RCPGW ALBULK AL*CURVE COLRING*	<b>Aluminium Perimeter Trims: Extruded and Powdercoated</b>			
	Std Wall Angle	3600	20 / 72	14
	Wall Angle for Roll In Clip Attachment	3600	20 / 72	14
	Std Shadow Line Wall Angle	3600	20 / 72	14
	Shadow Line Wall Angle for Roll In Clip Attachment	3600	20 / 72	14
	Bulkhead Trim (suits both 10 and 13mm Pb)	3600	10 / 40	10
	Curved Wall Angle (* any of above Wall Angles)	3600	- / -	-
	Column Ring (* any of above Wall Angles)	Defined by column radius		



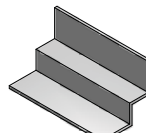
BP 784003



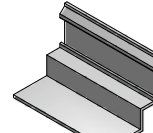
AL008GW



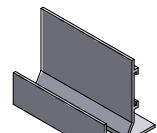
AL008RCPGW



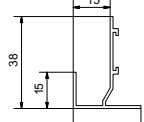
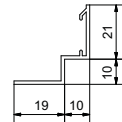
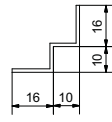
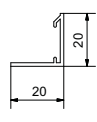
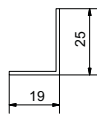
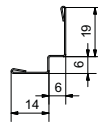
AL009GW



AL009RCPGW



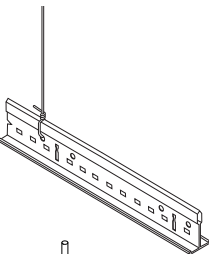
ALBULK



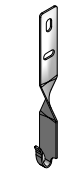
## Suspension & Accessories

### Grid Accessories

Item Number	Description	Dimensions length (mm)	Content / Carton pcs	Weight / Carton kg
2424	Hook Suspension Clip for 5mm Rod	165	100	2.2
ARM-051	Direct Fix Clip	175	100	2.6
Tclip	Suspension Clip for 6mm Threaded Rod	80	100	2.0
M6 Rod	6mm Threaded Rod	1200	50	11.0
M6 Nuts	6mm nuts for Threaded Rod	-	200	0.4
DLCC	Direct Load Ceiling Clip	80	250	5.5
UHDC	Universal Hold Down Clip	-	1000	4.065
ALRICS	Roll In Clip	65	100	5
5mm	5mm Suspension Rod	4000	40	24.2
2.5mm	2.5mm Suspension Wire	4000	160	25.0
188	Angle Bracket	47 x 47	100	1.2
247	Suspension Rod Angle Bracket	55	100	2.1
274	Suspension Rod Bracket	80	100	2.1
254	Suspension Rod Joiner	-	100	0.9
ES4	4" Expansion Sleeve	100	100	5.0
DW50	Drywall Transition Clip	-	200	11.0
MBAC	Main Beam Adapter Clip	-	100	7.1
7895	Grid Touch Up Paint (128g net)	-	6	1.3
UPC	UPC - Partition Clip	-	200	10



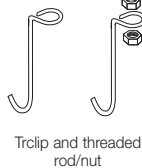
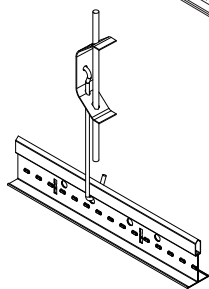
2424



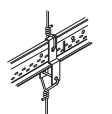
ARM-051



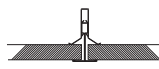
ALRICS



Tclip and threaded rod/nut



DLCC



UHDC



188



247



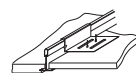
UPC Partition Clip



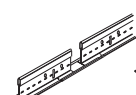
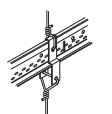
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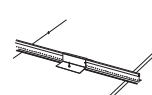
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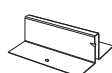
DW50



ES4



MBAC



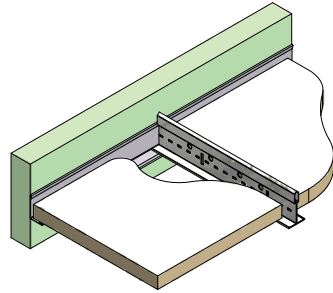
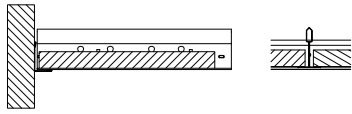
TOUCH UP PAINT

# PERIMETER SOLUTIONS

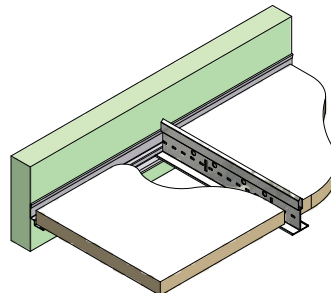
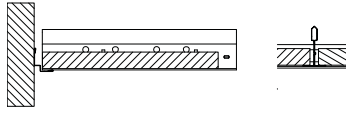
Mineral suspension system.

## Perimeter Detailing Recommendations

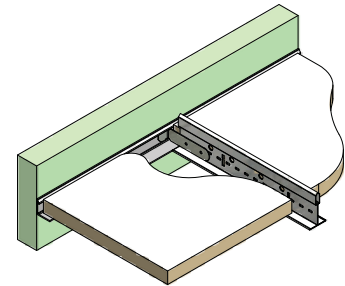
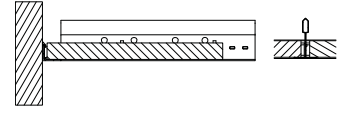
### Square Edge Panels



Grid, Wall Angle and "Square Edge Panel" at same level



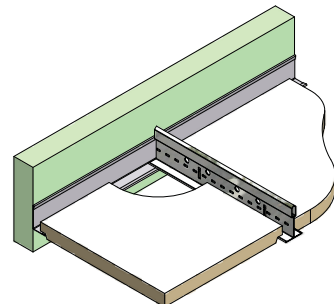
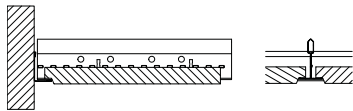
Grid, Wall Angle and "Square Edge Panel" at same level



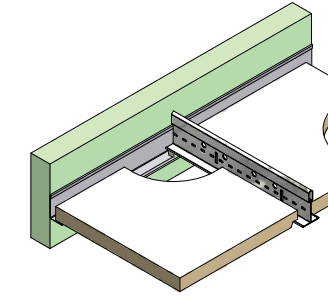
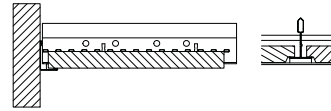
Tee Bar is secured to Wall Angle via Roll In Clip

Note: Wall Angles should be fixed to wall at 450mm centres

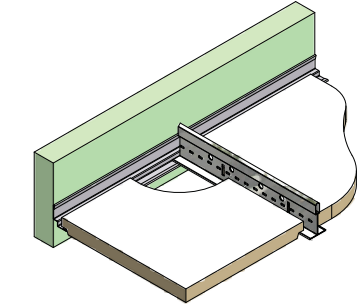
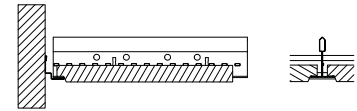
### Tegular Edge Panels



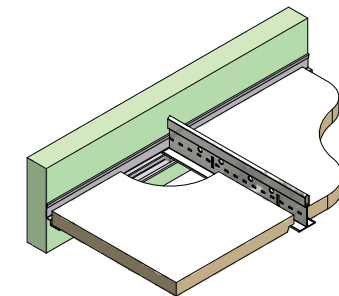
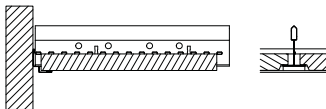
Panel edge is field "tegulated" at Wall Angle



Wall Angle position is dropped to level of face of Panel; Tee Grid is packed at Wall Angle and Panel is square cut at wall angle

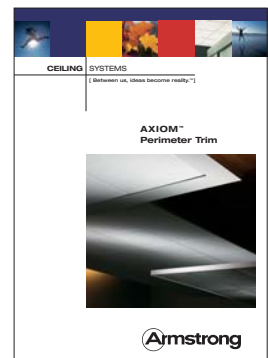
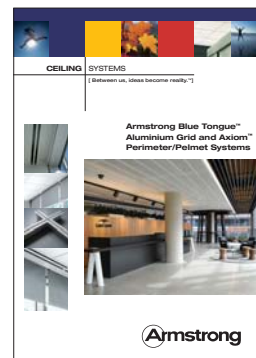


Panel edge is field "tegulated" at Wall Angle



Wall Angle position is dropped to level of face of Panel; Tee Grid is packed at Wall Angle and Panel is square cut at wall angle

For information on Armstrong Aluminium Grid and Axiom Perimeter / Pelmet systems, refer to the following brochures.



## Specifications

### Scope

The contractor to furnish all materials, labour and equipment for the erection of the exposed ceiling system where so indicated on the architectural drawings.

### Material

Ceiling suspension shall be Armstrong PeakForm two way exposed, hot dipped galvanised steel system; (either): Prelude XL<sup>2</sup> 24mm Tee, SupraFine XL<sup>2</sup> 15mm Tee, or Silhouette XL<sup>2</sup> 15mm "shadowline hat" profiles. All materials supplied by Armstrong meet the requirements of Australian Standard 2785-2000 "Suspended Ceilings Design and Installation".

### Perimeter Detail

Wall Angles should be fixed to wall at 450mm centres. Exposed ceiling grid members intersecting with the Wall Angle or Shadowline Wall Angle, may either be unfixed, or fastened with a Roll In Clip.

### Installation

The Main Tee shall be hung with a 5mm galvanised rod and clip system or 2.5mm wire, accurately levelled. Suspension points shall be spaced at 1200mm\* centres along the Main Tee. Cross Tees shall intersect and be positively locked to Main Tees. Panel Hold Down Clips to be used as required. Hangers, Main Tees and Cross Tees shall be spaced so as

not to exceed the design ceiling load or as may otherwise be required to prevent deflection in excess of 1/360 of the span of the spacers or Main Tees. Where light fittings, air conditioning fixtures etc are to be supported by the grid system, extra hangers may be required. Down bracing to be incorporated in ceiling systems when used externally or adjacent to opening prone to sudden uplift caused by external wind forces.

\* For suspension points greater than 1200mm centres along the Main Tee, contact your local Armstrong representative for load ratings.

## Maximum Fixture Weight

Main Tee to Main Tee (Fixture / Panel Orientation)					
<b>Main Tee</b> <b>Cross Tee x 600</b> <b>Cross Tee x 1200</b>					
	1200 CT	1200 CT	1200 CT	1200 CT	1200 CT
	1200 x 600	600 x 600	1200 x 300	600 x 600	1200 x 600
	1200 x 1200	1200 x 1200	1200 x 600	1200 x 600	1200
<b>Max Fixture Weight (kgs)</b>					
1. FIXTURE* (mm)	1200 x 600	600 x 600	1200 x 300	600 x 600	1200 x 600
2. PLANNING MODULE (mm)	1200 x 1200	1200 x 1200	1200 x 600	1200 x 600	1200
3. HANGER SPACING (mm)	1200	1200	1200	1200	1200
4. PRELUDE 24	21.2 kg	14.0 kg	17.4 kg	14.0 kg	14.2 kg
5. SUPRAFINE 15	27.9 kg	13.9 kg	24.9 kg	13.9 kg	14.2 kg
6. SILHOUETTE 15	-	-	-	-	-

Cross Tee to Cross Tee (Fixture / Panel Orientation)					
<b>Main Tee</b> <b>Cross Tee x 600</b> <b>Cross Tee x 1200</b>					
	1200 CT	1200 CT	600 CT	1200 CT	1200 CT
	1200 x 600	600 x 600	600 x 600	1200 x 300	1200 x 1200
	1200 x 1200	1200 x 1200	600 x 600	1200 x 1200	1200
<b>Max Fixture Weight (kgs)</b>					
1. FIXTURE* (mm)	1200 x 600	600 x 600	600 x 600	1200 x 300	1200 x 1200
2. PLANNING MODULE (mm)	1200 x 1200	1200 x 1200	600 x 600	1200 x 1200	1200
3. HANGER SPACING (mm)	1200	1200	1200	1200	1200
4. PRELUDE 24	10.6 kg	10.6 kg	37.5 kg	17.4 kg	-
5. SUPRAFINE 15	-	-	37.3 kg	-	-
6. SILHOUETTE 15	-	-	37.9 kg	-	-

## Connection Strength (SEISMIC)

**Main Tee**  
BP734042

**Minimum KGS to Pull Out**  
**Compression / Tension**  
174 kg / 133 kg

**Cross Tees**  
All cross tees exceed 136 kg in both compression / tension.

### Loading Parameters

- Main Tees at 1200mm centres
- Cross Tees 1200mm at 600mm spacing
- Suspension points spaced at 1200mm on Main Tee

\*Note: Additional independent support of heavy fixtures should be considered for safety purposes.

The above data is based on 1200mm hanger spacing, board weight of 4.8kg/m<sup>2</sup>, maximum deflection of tees not to exceed 1/360 of the span and suspension system installed in accordance with AS2785-2000.

# Armstrong, the Global Leader in Acoustic Ceiling Systems

### NSW

Armstrong World Industries Pty. Ltd.  
99 Derby Street,  
Silverwater NSW 2128

Telephone (02) 9748 1588  
Facsimile (02) 9748 8449

### VIC/TAS

Armstrong World Industries Pty. Ltd.  
29-39 Mills Road,  
Braeside VIC 3195

Telephone (03) 9580 9633  
Facsimile (03) 9587 5139

### QLD/NT

Armstrong World Industries Pty. Ltd.  
6 Barrinia Street,  
Slacks Creek QLD 4127

Telephone (07) 3809 5565  
Facsimile (07) 3809 5507

### SA

Up-Side Building Systems  
376 Cormack Road,  
Wingfield SA 5013

Telephone 1300UPSIDE  
Facsimile (08) 8349 5956

### WA

Ceiling Manufacturers of Australia Pty. Ltd.  
5 Irvine Street,  
Bayswater WA 6053

Telephone (08) 9271 0777  
Facsimile (08) 9272 2801

### New Zealand

Forman Building Systems Ltd.  
PO Box 12349,  
Penrose, Auckland

Telephone 64-9-276 4000  
Facsimile 64-9-276 4141