



## PRELUDE™ 24 MAX™ – INDUSTRIAL ENGINEERED FRAMING SYSTEM

### KEY ATTRIBUTES

- Prelude™ 24 Max™ is a pre-engineered ceiling suspension system designed specifically for high load capacity applications.
- Supports load from the face of the suspension system using M10 threaded rod and integrated hanging clips:
  - Allows for application of point loads for suspension of heavy services and signage without accessing the ceiling plenum.
- Double Peakform, 62mm high profile for heavy duty applications (See page 4 for load capacities).
- C2C Silver certified suspension system for contribution to WELL Building Rating.
- Cost effective and quick and easy to install.
- Seismic Solutions Available.

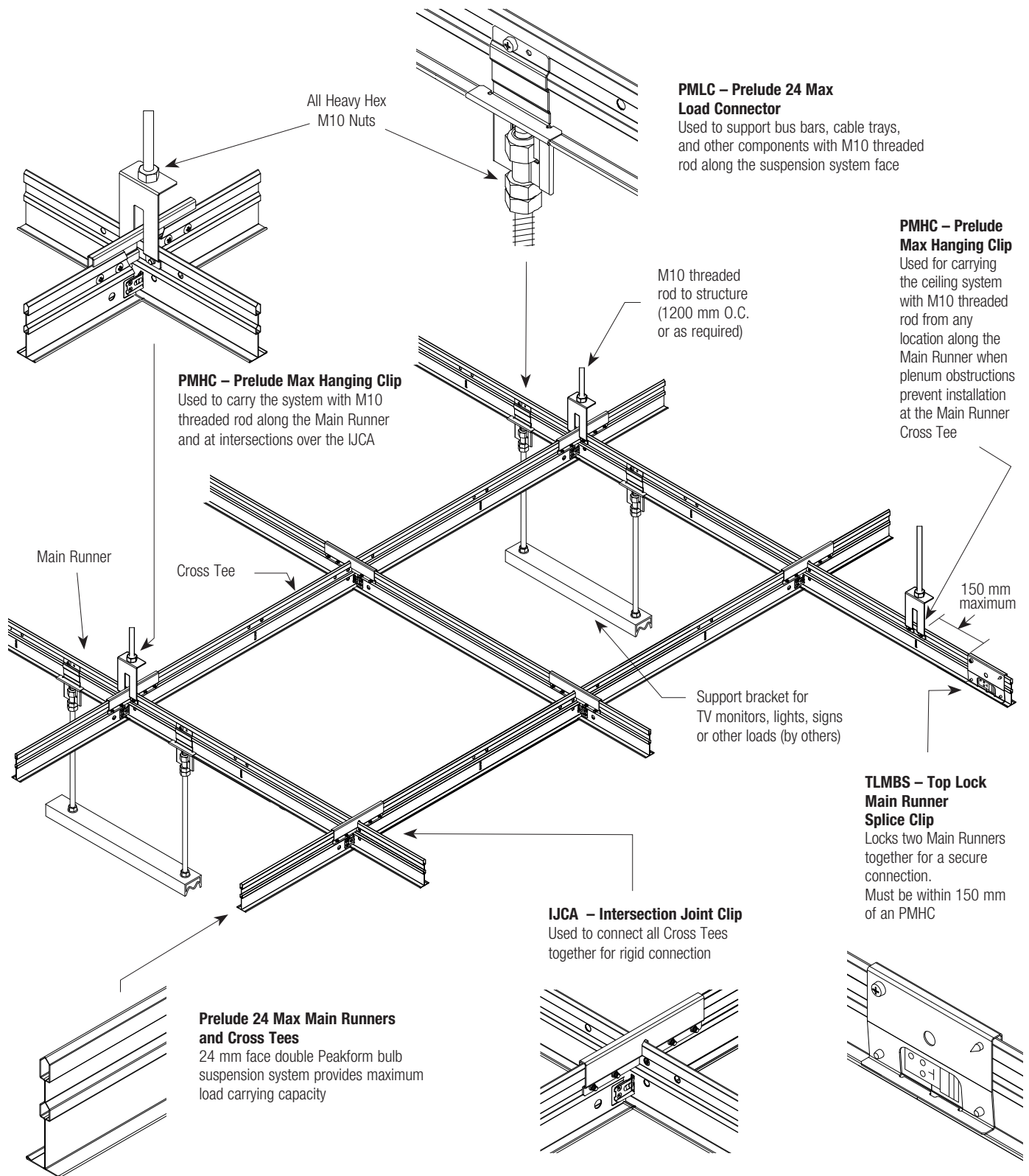
### PHYSICAL DATA

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

### APPLICATIONS

- Industrial / Warehouses to support robotics, cable trays, lighting, services, air conditioning, security cameras, smoke detectors, sensors etc.

# PRELUDE™ 24 MAX™ – HOW IT WORKS



# PRELUDE™ 24 MAX™ – ENGINEERED FRAMING SYSTEM COMPONENTS



## SUSTAINABILITY



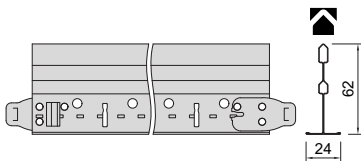
25%

A+ Low VOC

## OTHER PERFORMANCES & FEATURES

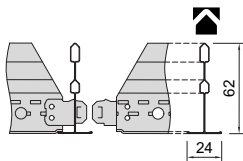


### PRELUDE 24 MAX – DOUBLE PEAKFORM MAIN RUNNER WITH SUPERLOCK CLIP (bulb-to-bulb connection)



Item Number	Dimensions (mm)			Content / Carton		Weight / Carton
	length	height	slot centres	pcs	lm	kg
48 40 94	3600	62	300	10	36,00	23.60

### PRELUDE 24 MASX – XL<sup>2</sup> CROSS TEES (stab system, override)



#### Cross Tees slotted

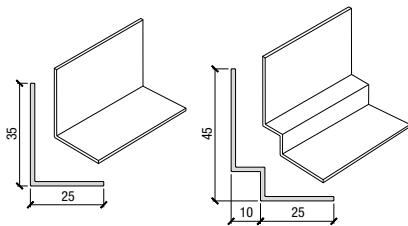
48 30 94	1200	62	300	30	36,00	23.60
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#### Cross Tees unslotted



48 20 94	600	62	–	30	18,00	11.80
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## PERIMETER TRIMS

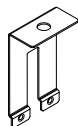


Item Number	Description	Dimensions (mm)			Content / Carton	Weight / Carton
		width	height	length	pcs	kg
ALSWA1	Heavy Duty Wall Angle	25	35	3600	20	17.5
ALSWA4	Heavy Duty Shadow Line Wall Angle	35	45	3600	20	23

## ACCESSORIES

**PMHC – Prelude Max Hanging Clip** – Used to carry the ceiling system with M10 threaded rod from structure.

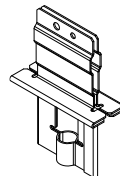
\*Machine Screws, Heavy Hex Nut, and Locknut included



□ **PMHCM10** – 150 pcs

**PMLC – Prelude 24 Max Load Connector** – Used to support bus bars, cable trays, and other components with M10 threaded rod from the suspension system face.

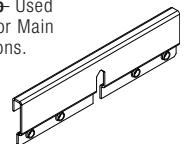
\* Heavy Hex Nut & Locknut included



□ **PMLCM10** – 100 pcs

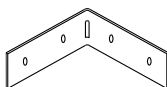
**IJCA – Intersection Joint Clip**– Used at all Cross Tee-to-Cross Tee or Main Runner-to-Cross Tee connections.

\* Machine screws included



□ **IJCA** – 250 pcs

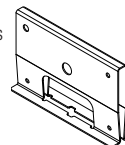
**XTAC – Cross Tee Adapter Clip** – Securely attaches Cross Tees or Main Runners to the Structural Wall Angle around the perimeter of the ceiling installation.



□ **XTACAG** – 100 pcs

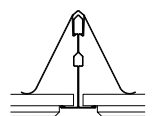
**TLMBS – Top Lock Main Runner Splice Clip** – Locks two Main Runners together for a secure connection.

10 pcs (included with item 730145 Main Runner)



□ **TLMBS** – 10 pcs

**PMHDC – Maximum Hold Down Clip** – Attaches to the top bulb of the Prelude 24 Max suspension system to hold ceiling panels in place; helps to prevent ceiling panel movement.

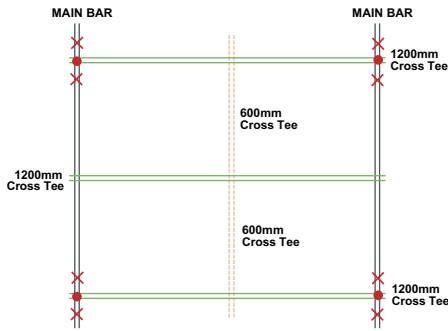


□ **PMHDC** – 100 pcs

## SYSTEM: SERVICEABILITY AND LOAD CAPACITIES

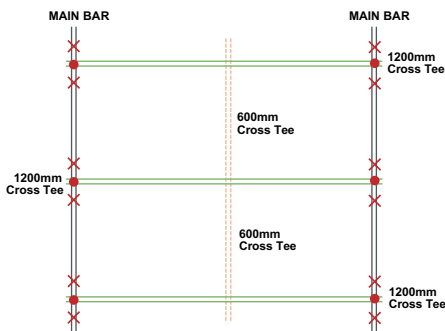
### SYSTEM 1

**Main Bar Spacing** 1200mm centres  
**Suspension Points** 1200mm centres along Main Bar  
**Point Loads** X See table below



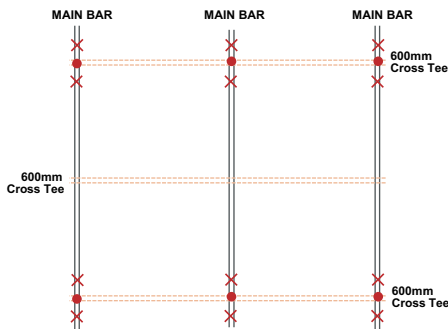
### SYSTEM 2

**Main Bar Spacing** 1200mm centres  
**Suspension Points** 600mm centres along Main Bar  
**Point Loads** X See table below



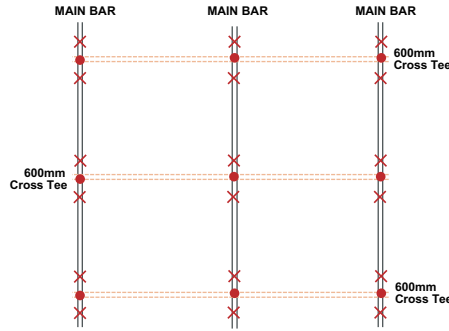
### SYSTEM 3

**Main Bar Spacing** 600mm centres  
**Suspension Points** 1200mm centres along Main Bar  
**Point Loads** X See table below



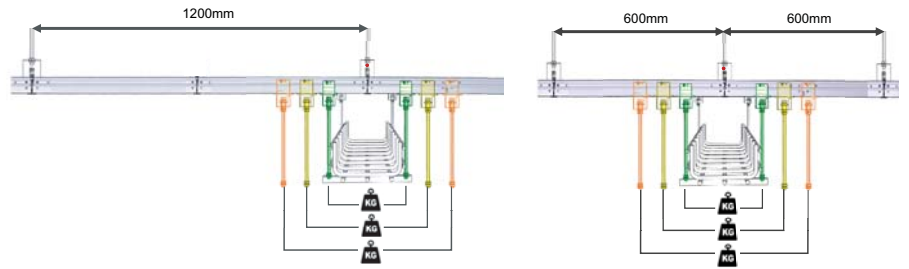
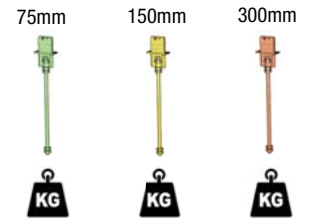
### SYSTEM 4

**Main Bar Spacing** 600mm centres  
**Suspension Points** 600mm centres along Main Bar  
**Point Loads** X See table below



### POINT LOADS

Max. Distance from Suspension Hanger



## Grid System Load Capacities

System Type	Main Bar Centres (mm)	Suspension Point Centres (mm)	Distance of Load Hanger From Suspension Points (mm)	Point Load (Kg)	Panel Load (kg/m <sup>2</sup> )
1/75	1200	1200	75	178	56
1/150	1200	1200	150	80	56
1/300	1200	1200	300	42	56
2/75	1200	600	75	178	119
2/150	1200	600	150	80	119
2/300	1200	600	300	42	119
3/75	600	1200	75	195	119
3/150	600	1200	150	144	119
3/300	600	1200	300	119	119
4/75	600	600	75	195	230
4/150	600	600	150	144	230
4/300	600	600	300	119	230

**Note:** Point Load Designs also includes an allowance for a ceiling panel of (max) 5kg/m<sup>2</sup>

Allowable Deflection at L/360: AS/NZS 2785:20200

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