

PeakForm Prelude 24 MAX Industrial Engineered Framing System

Armstrong[®]
CEILING SOLUTIONS

Benefits

- 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.

Application Areas

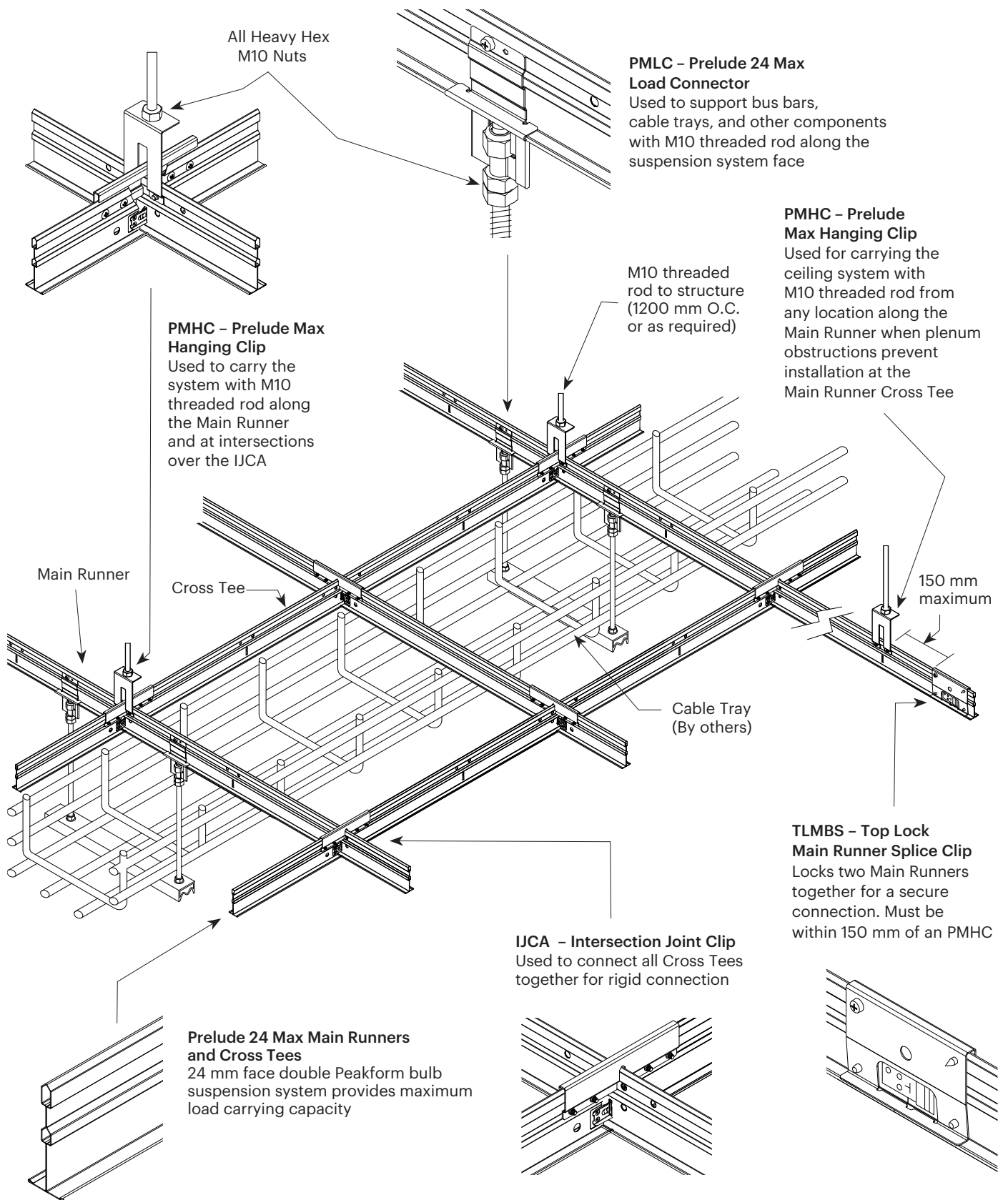
- Industrial / Warehouses to support robotics, cable trays, lighting, services, air conditioning, security cameras, smoke detectors, sensors etc

Physical Data

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



Prelude 24 MAX – How it Works



Prelude 24 MAX™ – Engineered Framing System Components



Sustainability



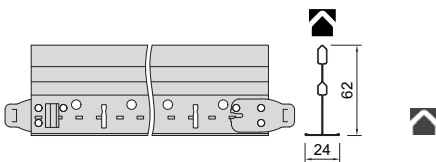
25%

A+ Low VOC

Other Performances & Features

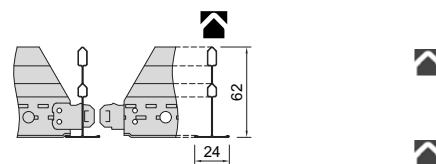


PRELUDE 24 MAX – Double PeakForm Main Runner with Superlock Clip (bulb-to-bulb connection)



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

PRELUDE 24 MAX – XL² Cross Tees (stab system, override)



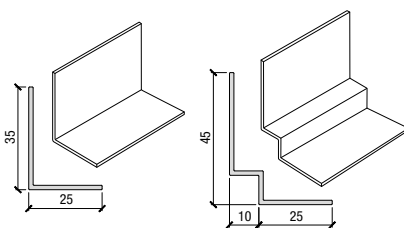
Cross Tees slotted

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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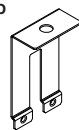
Perimeter Trims



Item No.	Description	Dimensions (mm)			Content / Cart'n pcs	Weight / Cart'n kg
		width	height	length		
ALSWA1	Heavy Duty Wall Angle	25	35	3600	20	17.5
ALSWA4	Heavy Duty Shadow Line Wall Angle	35	45	3600	20	23

Accessories

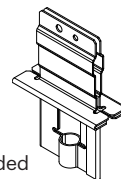
PMHC – Prelude Max Hanging Clip
Used to carry the ceiling system with M10 threaded rod from structure.



*Machine Screws, Heavy Hex Nut, and Locknut included

PMHCM10 – 150 pcs

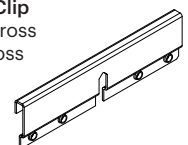
PMLC – Prelude 24 Max Load Connector – Used to support bus bars, cable trays, and other components with M10 threaded rod from the suspension system face.



* Heavy Hex Nut & Locknut included

PMLCM10 – 100 pcs

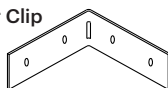
IJCA – Intersection Joint Clip
Used at all Cross Tee-to-Cross Tee or Main Runner-to-Cross Tee connections.



* Machine screws included

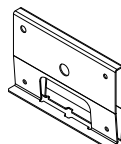
IJCA – 250 pcs

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

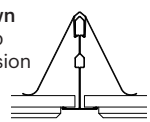
TLMBS – Top Lock Main Runner Splice Clip – Locks two Main Runner together for a secure connection.



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.

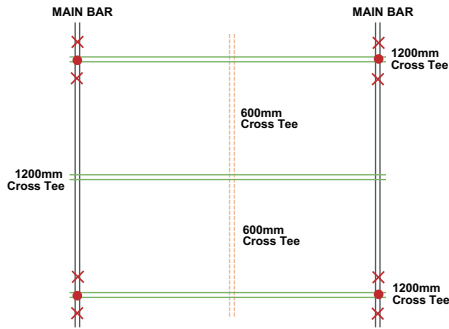


PMHDC – 100 pcs

SYSTEM: Serviceability and Load Capacities

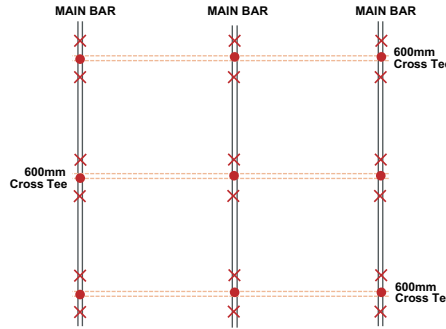
SYSTEM 1

Main Bar Spacing 1200mm centres
 Suspension Points ● 1200mm centres along Main Bar
 Point Loads ✕ See table below



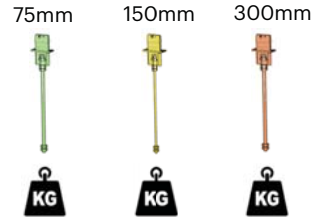
SYSTEM 4

Main Bar Spacing 600mm centres
 Suspension Points ● 600mm centres along Main Bar
 Point Loads ✕ See table below



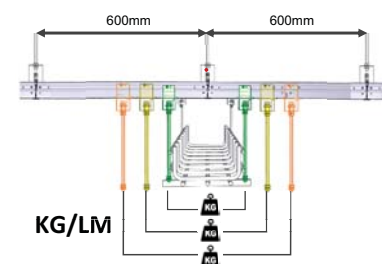
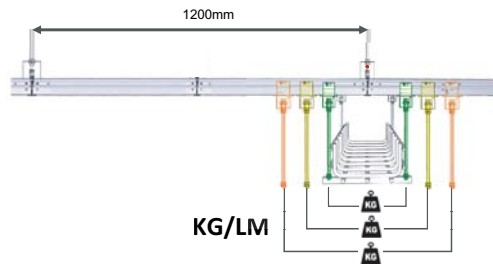
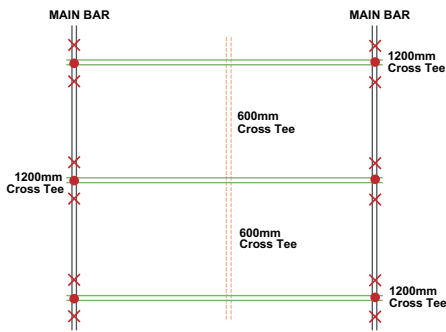
Cable Tray Load: KG/LM

Max. Distance from Hanger



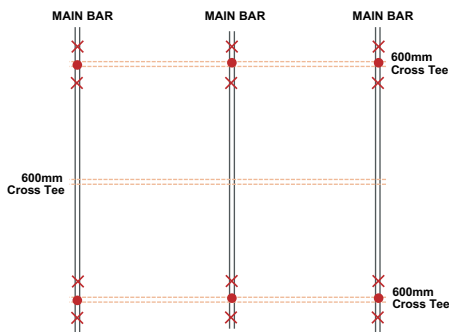
SYSTEM 2

Main Bar Spacing 1200mm centres
 Suspension Points ● 600mm centres along Main Bar
 Point Loads ✕ See table below



SYSTEM 3

Main Bar Spacing 600mm centres
 Suspension Points ● 1200mm centres along Main Bar
 Point Loads ✕ See table below



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 ²)
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: This Design also includes an allowance for a ceiling panel of (max) 5kg/m²

Allowable Deflection at L/360: AS/NZS 2785:2020

Contact us

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