

# **ProLock**

CEILING SUSPENSION SYSTEM



# PROLOCK CEILING SUSPENSION SYSTEM

## PRODUCT INFORMATION

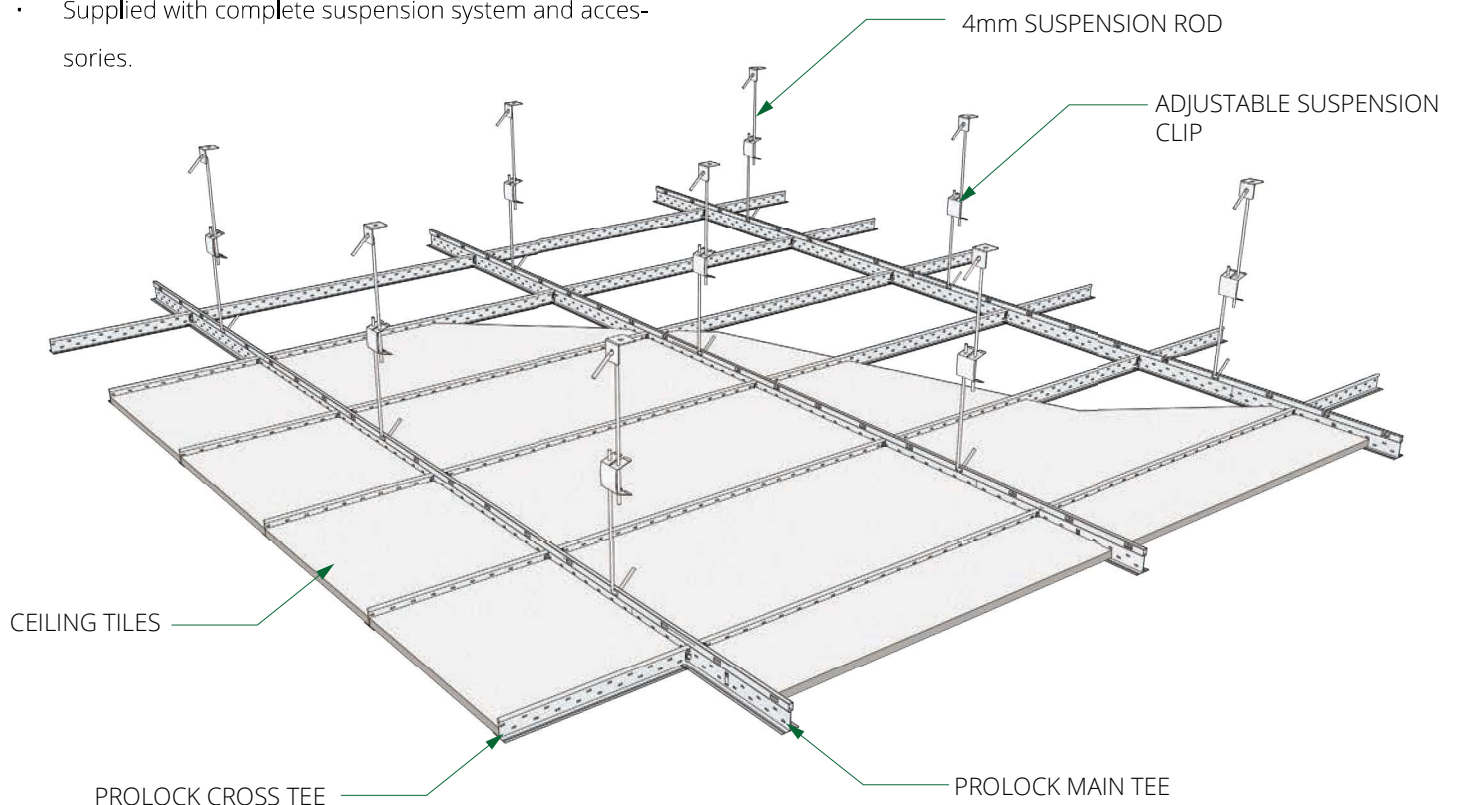
The ProLock Ceiling Suspension System is an exposed ceiling grid system, consisting of easy-to-use components, comprising of robust Main Tees, Cross Tees and Wall Angles. Together, these components form a suspension system which is not only functional but also aesthetically appealing. The system is manufactured and tested in accordance to ASTM C-645, and is suitable for applications in commercial, industrial and institutional projects.

## MANUFACTURING PROCESS

All sections are manufactured from high quality hot dip galvanised steel conforming to BS 2989 and JIS G3302 SGCC standards. The profiles are roll-formed, stamped and cut to specific lengths on our state of the art production line, which ensures precision and quality in our products. The exposed flange is capped with a strip of pre-painted galvanised steel, finished in white polyester coating.

## ADVANTAGES

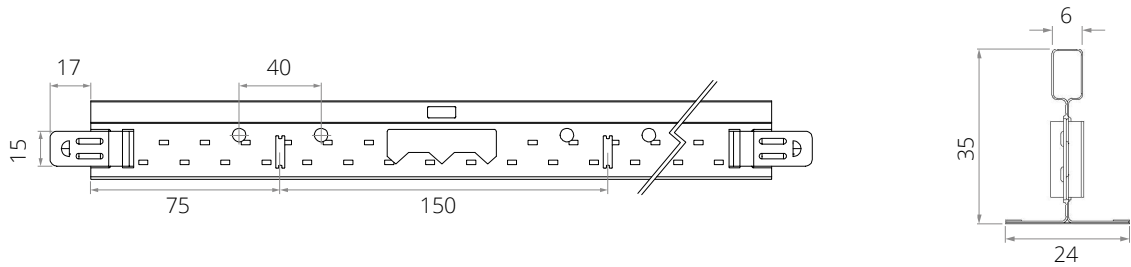
- The Main Tee is manufactured with integral locking mechanisms on both ends to allow easy and straight entry for joining.
- Cross Tees are stepped up at both ends with integral splices to allow easy connection to the Main Tees.
- The Cross Tees sit on the flange of the Main Tee which eliminates gaps between the exposed Main and Cross Tees, providing a flush joint.
- The profiles are designed with strength and aesthetic in mind.
- Available in both metric and imperial sizes.
- Able to support different type of tiles.
- Supplied with complete suspension system and accessories.



PRODUCT SPECIFICATIONS

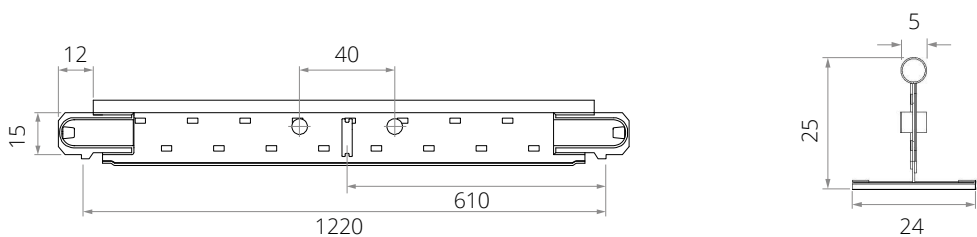
MAIN TEE

- Double webbed cold-rolled sections
  - Integral interlocking splice at both ends for easy extensions
  - 6mm perforated holes at 150 mm intervals along Main Tee
- Slots at 75 mm from each end to secure Cross Tee and at 150 mm intervals
  - Available lengths : 12 ft, 3600 mm

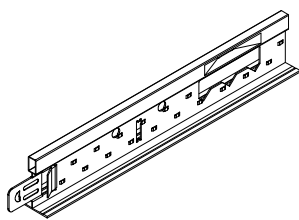


CROSS TEE

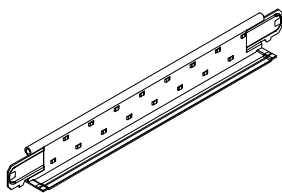
- Double web sections with joggled flanges at ends
  - Splices at both ends enables cross tee to be inserted into slots of main tee, securing system
- Available lengths : 2 ft, 4 ft, 600 mm, 1200 mm



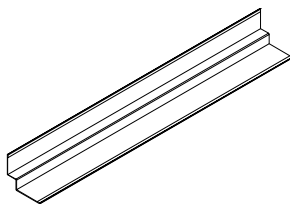
INTER SUSPENSION SYSTEMS



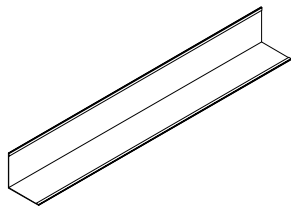
MAIN TEE



CROSS TEE



SHADOW LINE WALL ANGLE



WALL ANGLE

ACCESSORIES



L BRACKET



ADJUSTABLE SUSPENSION CLIP



4mm SUSPENSION ROD

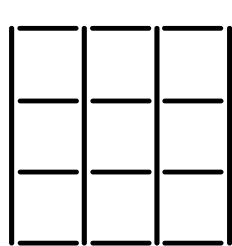


EYE ANCHOR

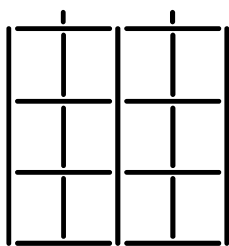


HOLD-DOWN CLIP

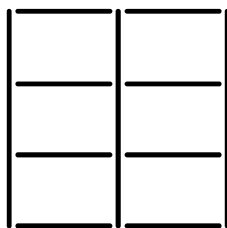
PATTERN CONFIGURATIONS



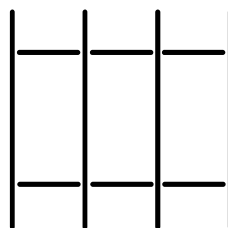
600 x 600  
2FT X 2FT



600 x 600  
2FT X 2FT



600 x 1200  
2FT X 4FT

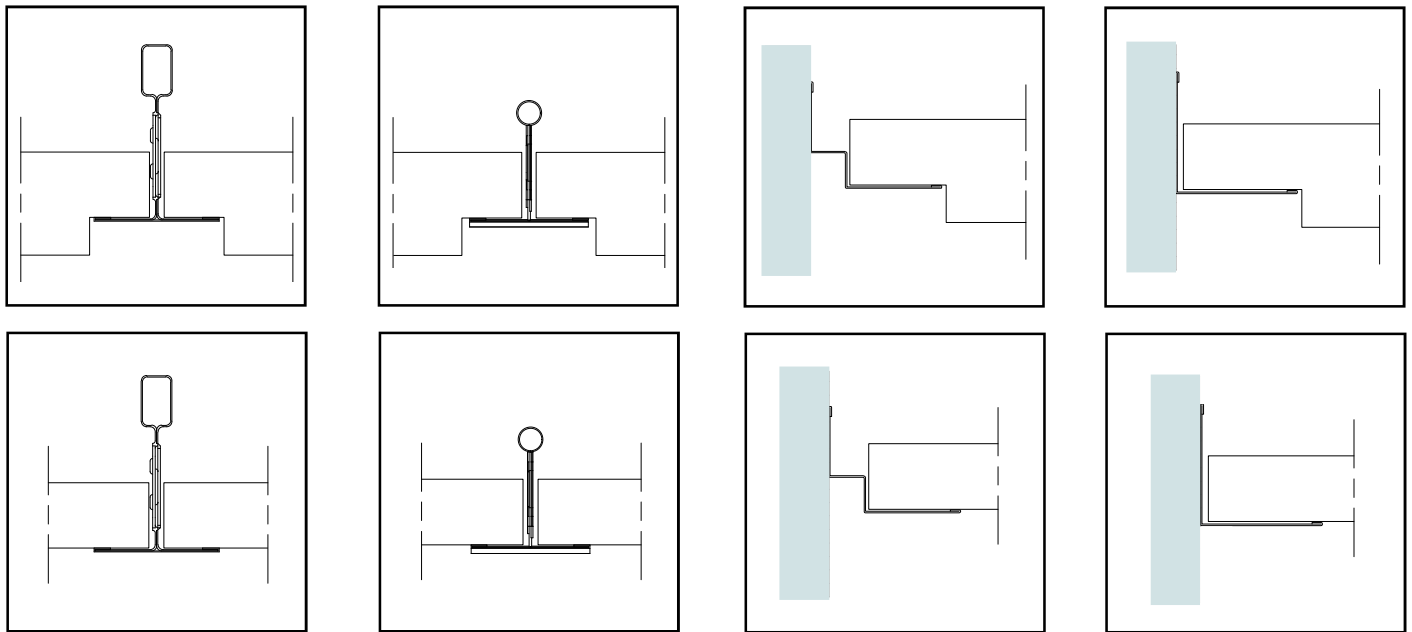


600 x 1200  
2FT X 4FT

## PRODUCT DATA

Component	Length	Height (mm)	Quantity per pack (pcs)	Est. Weight per ctn (kg)
Main Tee	3.6 m / 12 ft	35	25	22
Cross Tee	1.2 m / 4 ft	25	90	19
Cross Tee	0.6 m / 2 ft	25	90	10
Wall Angle	3 m	24	50	20

## GRID TILE OPTIONS



## STANDARD EXPOSED COLOUR

- **White**

## INSTALLATION

### 1. LEVELLING

- The ceiling height should be leveled with a leveling instrument such as the laser level or a water level. The perimeter of the ceiling should be marked on the surrounding walls and columns.

### 2. PERIMETER

- Wall angle or Shadowline wall angle should be fixed at the marked perimeter of the ceiling at maximum level of 600 centres. Use screws, stub nails or drywall fasteners depending on the type of wall used.

### 3. DIVISION OF CEILING

- The centre-to-centre distance for Main Tees and Cross Tees is 600mm x 1200mm or 600mm x 600mm.

### 4. HANGERS

- Maximum distance between hangers is 1220mm. The maximum distance for the wall to first hanger is 400mm.

### 5. MAIN TEE

- Main Tees are connected together by inserting a tab on the end of one section into a slot in the adjoining section.

### 6. CROSS TEE

- Cross Tees are inserted into slots in the Main Tees and locked into position via a protruding flap. Cross Tees are available in 2 standard lengths, 610mm and 1220mm.

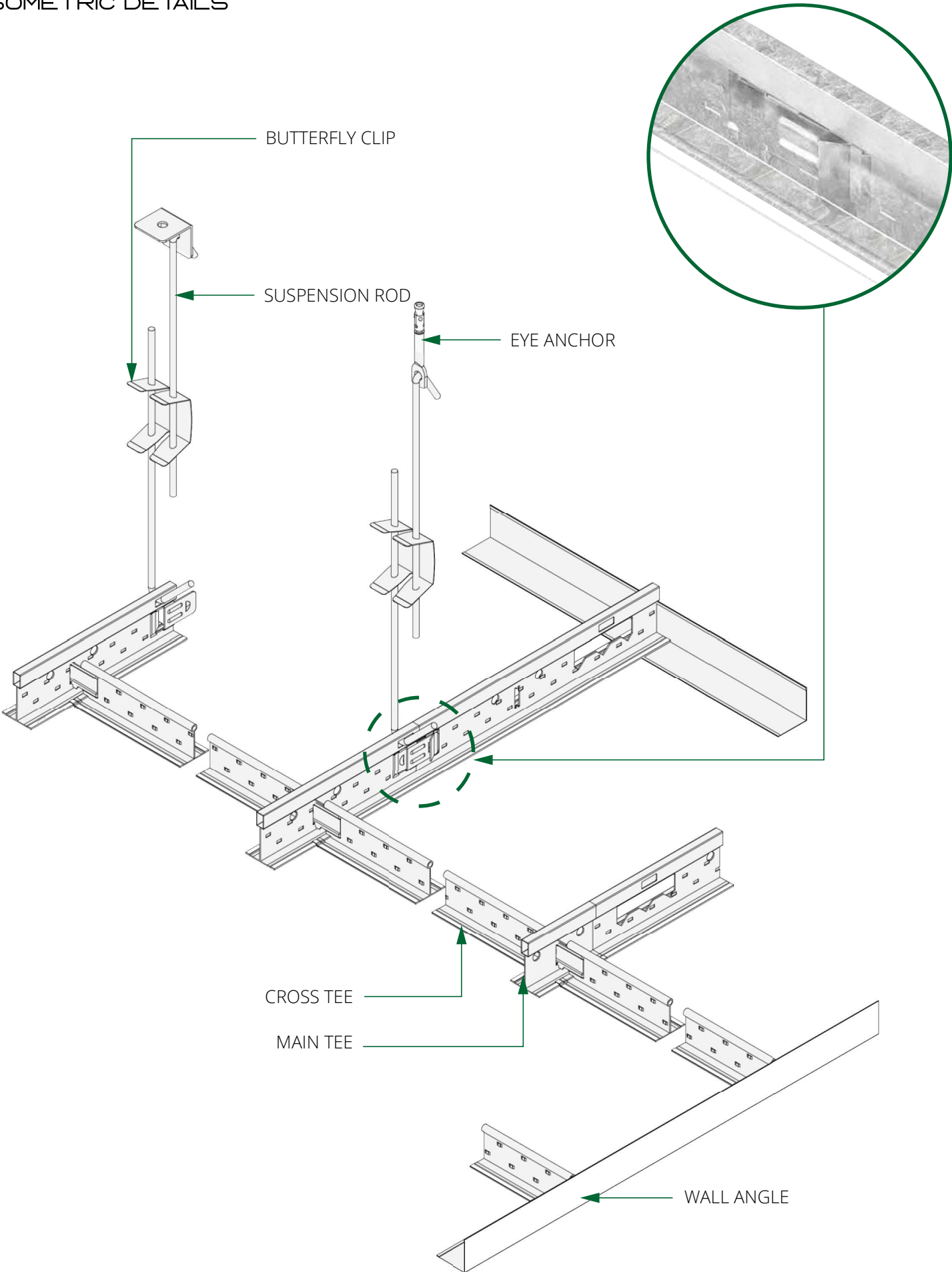
### 7. ADJUSTMENTS

- When all profiles have been installed, adjustments can be made to make sure that the entire suspension is level.

### 8. TILES

- Ceiling tiles are simply laid into the grid. A hold down clip is used to hold the ceiling tiles in place in the presence of uplift. There must be at least 2 clips on each side and one clip at each end of every tile.

CEILING SUSPENSION SYSTEM  
ISOMETRIC DETAILS







Distributed by :

**TECHNO FRAME SOLUTIONS Sdn. Bhd.**

2, Jalan INR 2

Taman Industrial Nautical

48000 Rawang

Selangor, MALAYSIA

Phone : +603 6091 8988; Fax : +603 6091 2988

E-mail : [sales@technoframe.com.my](mailto:sales@technoframe.com.my)