



MOUNTING STRUCTURES



PENNAR INDUSTRIES LIMITED



30
YEARS OF
EXPERIENCE

1,000
PRECISELY
ENGINEERED
PRODUCTS

300
CUSTOMERS

2,500
TOOLS
AND DIES

1,200
EMPLOYEES
AND THE
COUNT IS ON !



Pennar Industries Limited (PIL) is one of the leading engineering organizations in India renowned for providing global innovative engineering solutions. An epitome of quality, precision and perfection, Pennar is a professionally managed company of more than 1200 strong team members, driven by an unrelenting desire to excel with experience and expertise spanning over three decades. Pennar is now a multi-location, multi-product company manufacturing cold rolled steel strips, precision tubes, cold rolled formed sections, electro static precipitators, profiles, railway wagon and coach components, press steel components and road safety systems.

MOUNTING STRUCTURES

Being the largest cold roll formed steel section manufacturers in India, Pennar Industries has supplied mounting structures and structural components to various solar plants, totaling more than 250 MW in the financial year 2011-12. Pennar Industries is also equipped with a strong team of design engineers who have helped optimize the weight of mounting structure by approximately 30% thereby helping greatly in reducing the overall cost of the structure and in turn the cost of the Solar Power Project.

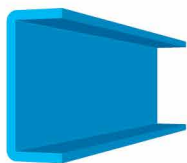


The range of solar sections manufactured by Pennar Industries is quite large with a vast spectrum of sectional dimensions and thickness. The solar structure and structural component manufacturing capacity of Pennar currently stands at 5000 MT per month which translates to approximately 70-80 MW worth of solar structures. One of the most tactical advantages of Pennar for

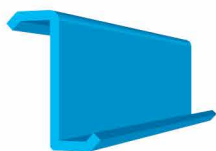
the solar segments is the strategic locations of the manufacturing plants. The Tarapur plant is close to the present epicenter of solar projects (Gujarat and Rajasthan) and our plants in Chennai, Patancheru and Isnapur can cater to the markets in Tamil Nadu, Odisha, Karnataka and other neighboring states.



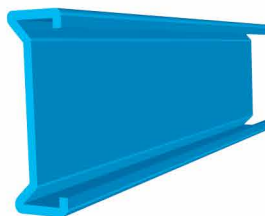
PRODUCTS



C-Channels



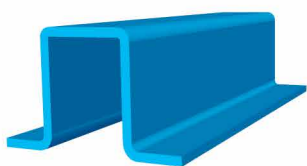
Z-Purlin (45 Lip)



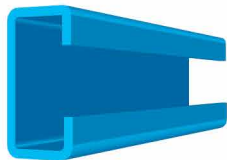
Multi-Beam



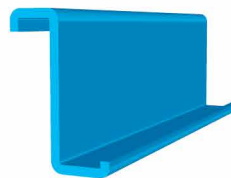
Equal Angle (90)



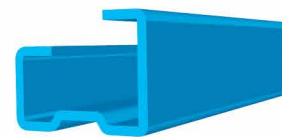
Top Hat



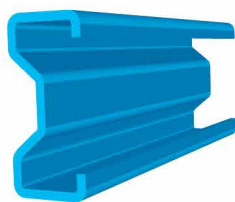
Lip-Channels



Z-Purlin (90 Lip)



Uneven Sigma



Sigma Section



Strut Channel

Thickness: 1.2mm to 8mm

Length: Upto 12000mm

Material: CR Steel, HR Steel, Galvanized Steel

Yield Strength: 245MPa to 345 MPa

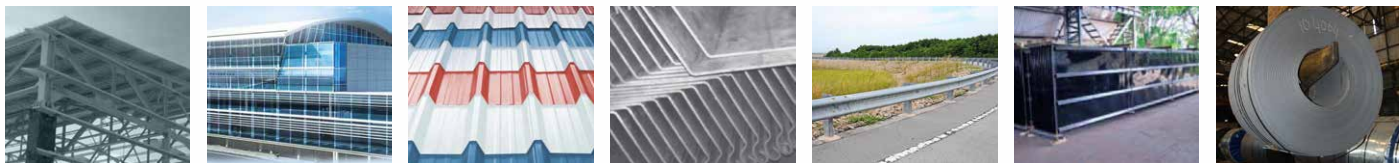
Type: Bare, Pre-galvanized and Hotdip galvanized

Galvanization Thickness: 10 microns - 120 microns

For easy erection and also to avoid wastage/rework at site, we supply the suitable sizes of Purlins in pre-punched condition. The material required is cut-to-length as per the customers specifications/drawings.



STEEL PRODUCTS



Purlins

Decking

Roofing

Steel Piling

Metal Crash Barriers

Electrostatic Precipitators

CRSS

SYSTEM & PROJECTS



Railways Coaches

Railways Wagons

Storage Solutions

TUBES



CDW

ERW

INDUSTRIAL COMPONENTS



White Goods

Automobiles

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