



Elixir Techno Products  
Private Limited

## **SOLAR MOUNTING STRUCTURES**

# Engineered Strength for Smarter Solar



**Ground Mounting • Rooftop Mounting • C-Section • Hat Section**

- **High Durability**
- **Precision Fabrication**
- **Corrosion-Resistant**
- **Customizable Designs**

# About Company

Elixir is having 20+ years of roll forming experience

We design and manufacture high-strength Solar Module Mounting Structures built for long-term stability, corrosion resistance, and easy installation. Our solutions support residential, commercial, and utility-scale solar projects across varied terrains.

## Our Commitment

- Strong, reliable structures
- Quality materials and fabrication
- Project-specific engineering
- Fast delivery and installation support



## Ground Mounting Structures

Engineered for open-land and utility-scale solar plants.

### Features:

- Concrete, pile or screw foundations
- High wind-load resistance
- Adjustable tilt angles
- Modular design for quick installation



## Rooftop Mounting Structures

Suitable for RCC roofs, tin sheds & industrial rooftops.

### Features:

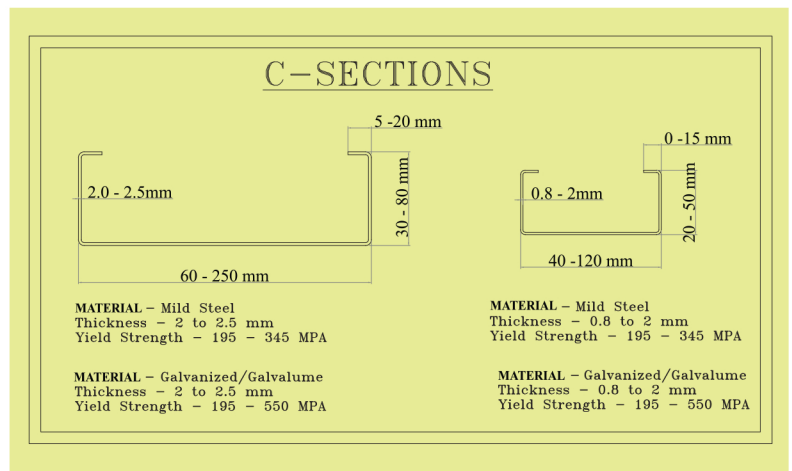
- Lightweight, load-efficient design
- Adjustable tilt options
- Rust-resistant materials
- Compatible with all PV modules



# C-Section (Channel) Structural Profiles

Used as support beams and rails in both ground & rooftop systems.

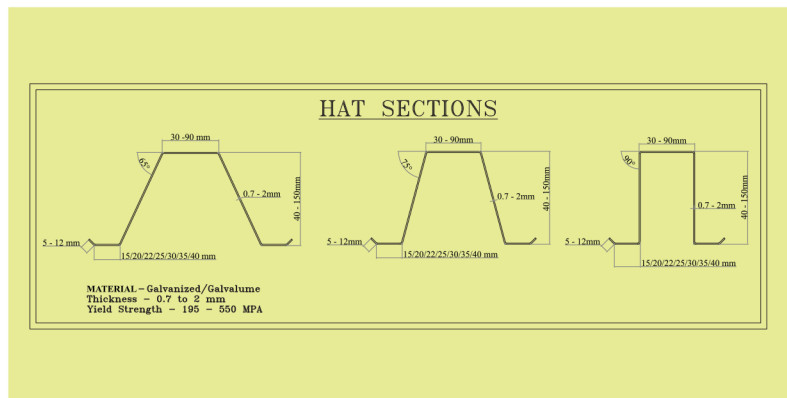
- High load-bearing strength
- Excellent rigidity
- Multiple sizes and thicknesses
- Ideal for beams, vertical posts
- Cross-supports
- Hot-dip galvanized for longevity



# Hat Section (H-Section) Structural Profiles

Lightweight and rigid profile suitable especially for rooftops and structural top-rails.

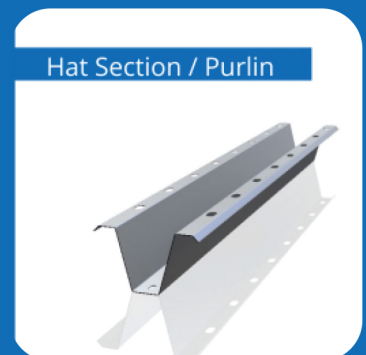
- Uniform load distribution
- Reduced overall structure weight
- Easy to install & transport
- High corrosion resistance
- Suitable for both ground and rooftop applications



SECTION	NAME	RANGE	THICKNESS RANGE (mm)	YIELD STRENGTH
C Section	WEB	60 - 250 mm	2.5 mm Maximum	195 - 345 MPA
	FLANGE	30 - 80 mm		
	LIP	5 - 20 mm		
Hat-Section	HEIGHT	40 - 150 mm	2 mm Maximum	195 - 550 MPA
	TOP WIDTH	30 - 90 mm		
	BOTTOM LAND	15 - 40 mm		
	LIP	5 - 12 mm		

## Applications

- Solar Farms
- Commercial Buildings
- Residential Rooftops
- Industrial Sheds
- Carports / Parking Areas
- Government & Institutional Projects



# Why Choose Us

- High-grade GL / MS / Hot-Dip Galvanized Steel
- Precision CNC, laser cutting & punching
- Weatherproof, corrosion-resistant materials
- Custom engineering based on site requirements
- Fast fabrication & delivery timelines
- Strong technical support

## Pillars for sustainable development



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# Get In Touch

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### Works:

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