



NEW GENERATION ROOFING SHEETS FROM **PENNAR**

STRENGTHENING THE WORLD OF **ROOFING**



PENNAR INDUSTRIES LIMITED
(An ISO 9001:2000 Certified Company)



COMPANY PROFILE

Pennar Industries Limited, an ISO 9001: 2000 accredited company having four manufacturing plants located at Patancheru, Isnapur (both near Hyderabad), Chennai and Tarapur. PENNAR manufactures different steel products like Cold Rolled Steel Strips, Cold Roll Formed Steel Sections (CRFS), Engineering components, Metal Crash barriers for Road safety and ERW Tubes.

Cold Roll Formed Sections Division

Cold Roll Formed Sections (CRFS) Division manufactures Building Products (Purlins, Roofing sheets, Decking sheets), Special Sections & Panels for Automobile industries, Long profiled steel sheets such as Collecting and Discharge Electrodes for ESPs, Stringer channels, deck sheets for Material Handling industry, Trough floor & other sections for Railway wagons and coaches.

Quality.. always the top priority

PENNAR has ISO 9001 quality certification from RWTUV, Germany and is committed to achieve excellence in the quality of every product it manufactures.

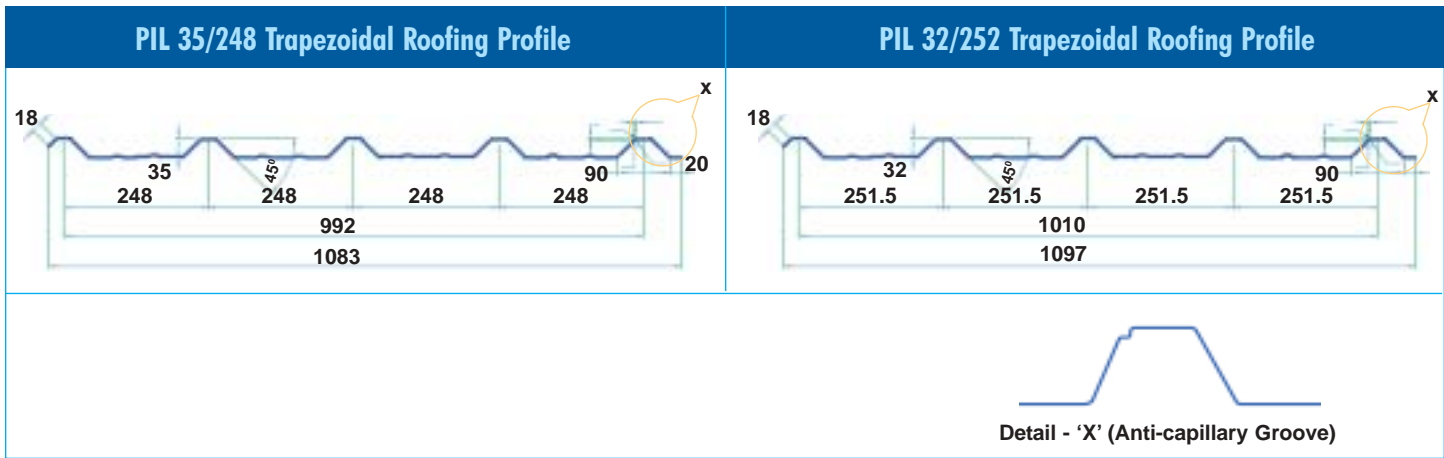
At PENNAR, employees strive to achieve excellence in the Quality of products and work together for "Complete Customer Satisfaction through Total Quality Management".

PENNAR roofing sheets

PENNAR manufactures and supplies Trapezoidal Profiled Metal Roofing sheets in bare Galvalume / Colour Coated Galvalume / Colour Coated Galvanized with thickness ranging from 0.47mm to 1mm. Profiles are offered in exact cut to length upto 12metres as per customer's requirement.

Why 'PENNAR' roofing sheets?

- PENNAR is in this business for the past 20 years and known for its consistent quality with strong commitment to deliveries
- Roofing sheets manufactured from world class forming mill imported from Taiwan, dedicated exclusively for roofing sheets
- Profiles are designed to give better strength
- Available in attractive colours and designs



Material Specifications

Zinc Alum Steel Sheet (Bare-Galvalume) Non-Colour
(55% Aluminium, 43.4% Zinc, 1.6% Silicon)

Al-Zinc Coating	AZ150
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Pre-Painted Galvanized Steel Sheets (PPGI)

Zinc Coating	Z120, Z180, Z275
Paint Coating	RMP/SMP
Painting thickness (top)	18-20 microns
Painting thickness (bottom)	5-7 microns Alkyd baked coat
Surface paint reflection	Glossy finish (Optional-Matt finish)

Pre-Painted Galvalume steel sheet (Alu-Zinc alloy coated) (55% Aluminium, 43.4% Zinc, 1.6% Silicon)

Zinc Coating	AZ150
Paint Coating	Regular Modified Polyester (RMP) / Silicon Modified Polyester (SMP)
Painting thickness (top)	18-20 microns
Painting thickness (bottom)	5-7 microns Alkyd baked coat
Surface paint reflection	Glossy finish (Optional-Matt finish)

Sky Light Fiberglass/ Poly Carbonate Sheet

Technical Specifications

Base Material	IS 513
Tensile Strength	240Mpa - 550Mpa
Galvanizing	IS: 277/JIS:3302
Zinc Coating	120gsm - 275gsm (both side mass) 15 - 20microns
Type of Coating	RMP/SMP, PVDF2 & HDPC
Thickness Range	0.47 to 1.0mm

Material	Yield Strength	TCT
PPGI	240Mpa	0.47-1.0
Bare Galvalume	550Mpa	0.47-0.50
Colour Coated Galvalume	550Mpa	0.47-0.50



Colour Range

Appliance White	Brick Red	Copper Gold (Tanzania)	Plasma Blue (RAL 5012)
Offwhite (RAL 9002)	Green (RAL 6002)	Capri Blue	Light Gray
Beige	Silver (RAL 9004)	Leaf Green	Tanor Blue
Bare Galvalume			

Shades given are indicative, subject to the constraints of reproduction. Actual shades can have slight tonal difference.

Different layers of Colour Coated Material

- Top (Finish) Coating
- Premier Coating
- Pre-treatment
- Chromate Coating
- Zinc Coating
- Best Metal (Cold Rolled Steel Sheet)
- Zinc Coating
- Pre-treatment
- Chromate Coating
- Functional Paint (Epoxy, Polyester)

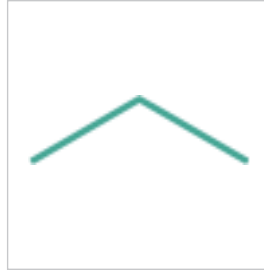


ACCESSORIES

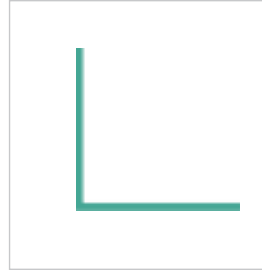
Ridge Piece
(Cross Section)



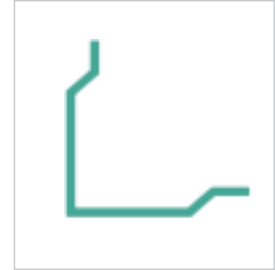
Plain Ridge



Corner Flashings



Barge Board



OTHER CRFS BUILDING PRODUCTS

Lip-Channels



C-Channels



Z-Purlin (90° Lip)



Z-Purlin (45° Lip)



Multi-Beam



75 / 230 Decking profile



52 / 271 Decking profile



44 / 130 Decking profile



Pennar

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**A leading manufacturer & supplier of
'Cold Roll Formed Sections, Pressed Components,
ERW Precision Tubes & Cold Rolled Steel Strips'**

REGISTERED OFFICE

3rd Floor, Saptagiri Towers, Begumpet, Hyderabad - 500 016, India.
Phone: +91 40 27766781, Fax: +91 40 27768056
Website: www.pennarindia.com

CENTRAL MARKETING OFFICE

IDA, Patancheru, Medak Dist - 502 319
Phone: +91 8455 242184-93, Fax: +91 8455 242424 / 242161
E-mail: marketing@pennarindia.com

MARKETING OFFICES

- **Bangalore** (080 23227703 / 23220667) • **Chennai** (044 24893962)
- **Coimbatore** (0422 2539770) • **Faridabad** (0129 2231235)
- **Hosur** (04344 276874) • **Hyderabad** (040 27766781)
- **Indore** (0731 2705075) • **Kolkata** (033 24843138)
- **Mumbai** (022 25375493) • **Pune** (020 25548660)
- **Tarapur** (02525 272609 / 272517)