



ALUMINIUM for Solar Industry
SOLUTIONS



EXTRUSION

Aluminium Extrusions of International Standard are produced at our plants located at Howrah, West Bengal & Balasore, Orissa using virgin metal. Our facilities include:

- 6(Six) Extrusion Press lines of 880/960/1250/1460/2100/2250T.
- Hot top Billet Casting facilities with Homogenization.
- Well equipped Die design and manufacturing shop with CAD/CAM/CNC facilities.
- Well-designed Quality Control system with back up laboratory.
- Capacity: 18000 MT per annum.

WORLD CLASS EXTRUSION PRESSES



FABRICATION

We have well equipped fabrication workshops with CNC machines, power presses, brake presses and tooling centers present at our units for jobs requiring precision and quality. We can cater to all industries that require extrusions to be machined and finished. We are the leading aluminium solutions provider for the solar industry. We produce high quality products requiring various types of operations namely cutting, punching, drilling, milling, routing, forming, countersinking, polishing, brushing, etc.

EXCELLENT FABRICATION FACILITIES



ANODIZING

Anodizing process is carried out under strictly controlled conditions during various stages of production for perfect quality control as per customers' requirements. Anodizing is an excellent solution for a high quality finish and to protect against corrosion.

- Facility available at both Howrah and Balasore units.
- PLC controlled Anodizing/electrocoloring plant for uniform coating thickness.
- Finish: Natural and Matt, Coating Thickness up to 25 microns.
- Colours: Silver, Bronze, Champagne, Black, Titanium.
- Lengths: 6.5 meters.
- Capacity: 2800 MT per year.
- Quality norms as per international standard (IS 1868: 1996).

POWDER COATING

The Powder Coating application is carried out in dust proof facilities maintained at a controlled temperature and humidity. The coated profiles are passed through a curing oven for curing of the powder paint on the surface. The polymers used for Powder Coating are polyester, straight epoxy and acrylics as per customers' requirement and application.

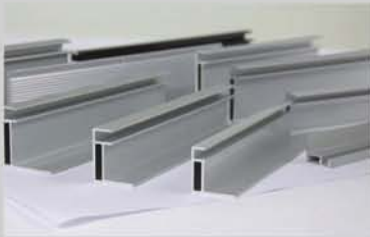
- Dust free and enclosed environment for smooth finish.
- Colours as per international RAL classification.
- Coating Thickness: 60-100 microns, Maximum .
- Lengths: 6.0 meters.
- Polyester based powder of Reputed brands
- Follow International practice for pre-treatment and post-treatment (9 tank pre-treatment process) for good adhesion of paint and corrosion resistance.
- Capacity: 2000 MT per year.
- Quality norms as per international standards (ASTM B117-09/IS 101 PART 6 SEC 01 1988).

INHOUSE ANODIZING AND POWDER COATING FACILITIES



INSPECTION AND QUALITY CONTROL

All our units are guided by a team of experienced quality control professionals to assure quality products to our customers. Alom has consistently catered to the largest solar panel manufacturers in the country, satisfying their product and quality requirements. Today, Alom is a leading aluminium solutions provider for the Solar Industry.



FIRST CHOICE





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