

APPLICATIONS



RCC ROAD



INDUSTRIAL FLOOR



PRECAST MSE WALL



TUNNELS

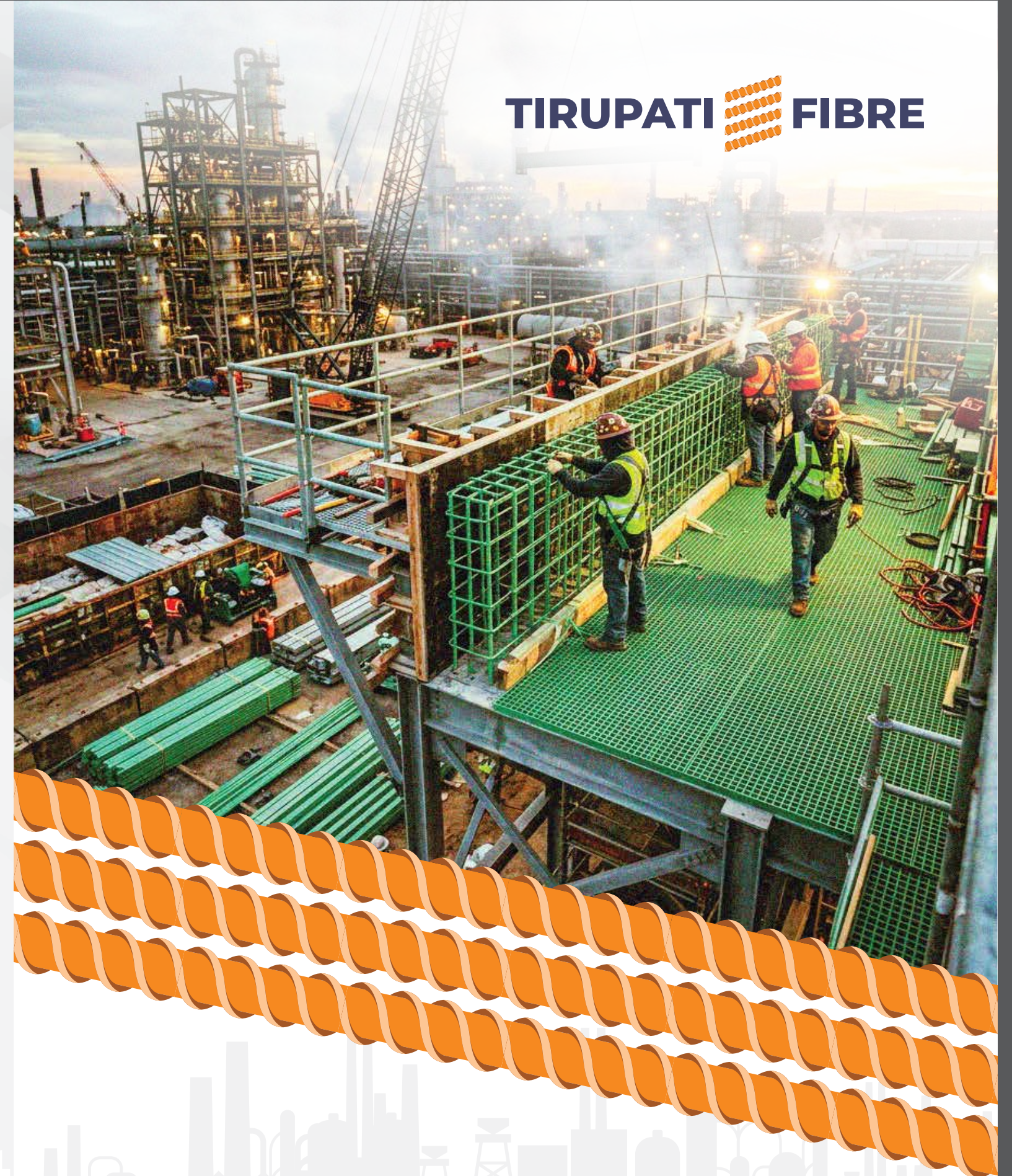
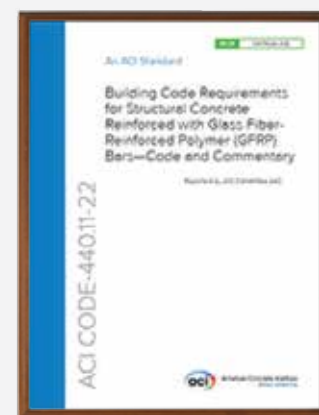
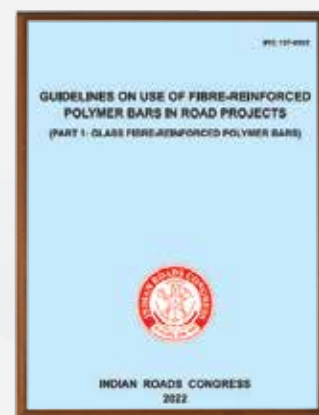


WATER BODIES



CRASH BARRIERS

INDUSTRY STANDARDS



TIRUPATI FIBRE

+91 94266 96213, +91 94265 96213

tirupatifibre2025@gmail.com

1, Shreeji Industrial Estate, Raman Gamdi, Por, Vadodara, Gujarat - 391243

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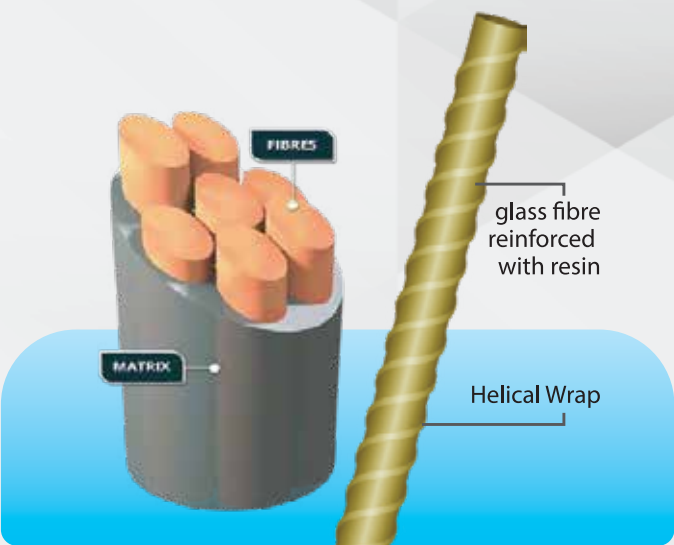
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WHAT ARE
GFRP REBARS?

Glass Fibre Reinforced Polymer (GFRP) rebars are an advanced reinforcement solution engineered for the changing landscape of modern construction in India. Composed of high-strength glass fibres embedded in a durable resin matrix, they offer a reliable and innovative alternative to conventional materials.

Designed to eliminate corrosion-related issues, GFRP rebars ensure long-term durability and dependable performance. They are particularly effective in demanding conditions such as coastal zones, chemical processing environments, and water infrastructure projects, where resistance to harsh elements is essential.

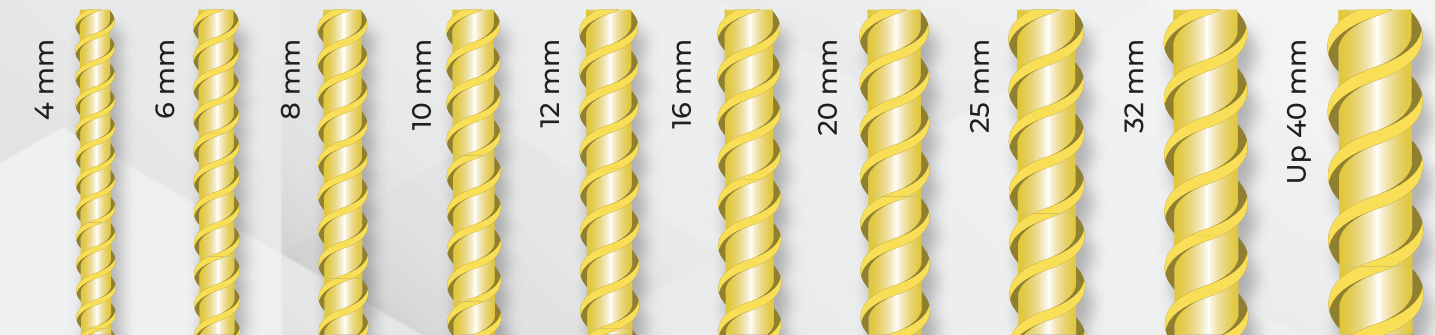


FEATURES

- ✔ **Corrosion-resistant :** Won't Rust Like Steel.
- ✔ **Lightweight:** Easier To Handle And Transport.
- ✔ **High Tensile Strength:** Stronger Than Steel By Weight.
- ✔ **Non-conductive:** Ideal For Electrical or Mri Environments.
- ✔ **Longer Lifespan:** Increases Durability of Structures.
- ✔ **Low Maintenance:** Cuts Long-term Repair Costs.
- ✔ **Non-magnetic:** Suitable For Sensitive Installations.
- ✔ **Easy Transportation:** Easier to Load, Lift & Deliver.
- ✔ **Cost- Effective Over Time:** Despite Higher Initial Cost.

 Lightweight	 Corrosion-resistant	 Strong
 Cost-effective	 Low Maintenance	 Longer Life
 Easy Handling	 Strong Bond Strength	 Customised Lengths
 Non-Conductive	 Non-Magnetic	 Non-Electromagnetic

FRP REBAR VS STEEL REBAR (KEY SPECS)		
Parameter	FRP Rebar	Steel Rebar
Tensile Strength	~2x higher than steel	Standard
Weight	~75% lighter	Heavy
Corrosion	100% corrosion-free	Prone to rust
Service Life	80-100+ years	20-50 years
Conductivity	Non-conductive	Conductive
Maintenance	Nil	Required



FRP
PULTRUSION RODS

Applications

- **Electrical & Power Sector:** Used for insulator cores and electrical components due to excellent insulation and strength.
- **Construction & Infrastructure:** Suitable for concrete reinforcement, fencing, and structural use in corrosion-prone environments.
- **Agriculture & Horticulture:** Used as plant stakes, support and fencing for durable, weather-resistant performance.



Dimension Chart:

Product range available (Dia mm)
(Customized size diameter can be developed for bulk quantity requirement):

8	10	12	14	16
22	26	32	36	42

Tolerances of diameter ±0.05 up to 0.1 mm Straightness 0.5 mm/1000 mm

LIST OF
OTHER PRODUCTS

 Pipes / Round Tubes (Ø 20–200 mm)	 Square / Rectangular Tubes	 Hat Profiles	 Dog Bone Profiles	 Flats / Strips
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FRP GRATINGS

Anti-slip, corrosion-resistant grating solutions for Solar walkways ,industrial flooring and walkways.

