

 Path GFRP REBARS

# GFRP REBARS

Path India Ltd is a leading manufacturing company specializing in GFRP (Glass Fiber Reinforced Polymer) rebars. Our products are designed to replace traditional steel reinforcement with stronger, lighter, and corrosion-resistant alternatives. Through innovation and advanced technology, we aim to deliver sustainable and high-quality construction materials that shape the future of infrastructure in India.



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# What is GFRP: Why does it Matter?

GFRP (Glass Fiber Reinforced Polymer) rebars are next-generation reinforcement materials composed of high-strength glass fibers embedded in a polymer matrix. These bars do not rust, outperform traditional steel in tensile strength, and are significantly lighter and cost-effective over the lifecycle of a project.

## Especially suited for

- Coastal / Marine Environments
- Acidic or Corrosive Conditions
- Hospitals & Electrical Zones
- Lightweight, Precastn Construction

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# Advantages of PATH GFRP over TMT

- Superior strength-to-weight.
- 1.5× tensile strength vs. conventional steel use-cases.
- Excellent corrosion resistance and cost-efficiency in harsh environments.
- About 75% lighter than steel, easing transport and installation.
- No additional concrete cover required for marine, acidic, or electrical exposure.



# Applications



- Infrastructure :  
Approach slabs, bridge decks, retaining walls, culverts, box drains, parapets, crash barriers, deck slabs, earth wall panels.
- Marine & Water Structures :  
Septic tanks, reservoirs, water tanks, swimming pools, ETP plants, drainage structure.
- Industrial :  
Foundations, RCC roads, warehouse slabs, factory flooring, platforms.
- Special Environments :  
Earthquake zones, hospitals (MRI rooms), power plants, tunnels.
- Rail & Airports :  
Airport terminals, pedestrian railings, high-voltage corridors.



# Our State of the Art GFRP Manufacturing Facility

Our facility includes 4 straight and 5 bending lines with a capacity of 40,000 RMT/day. We produce bar sizes from 6mm to 20mm and have the capacity of making upto 32mm. Our automated pultrusion lines ensure precision and BIS-compliant quality.

# Manufacturing Overview

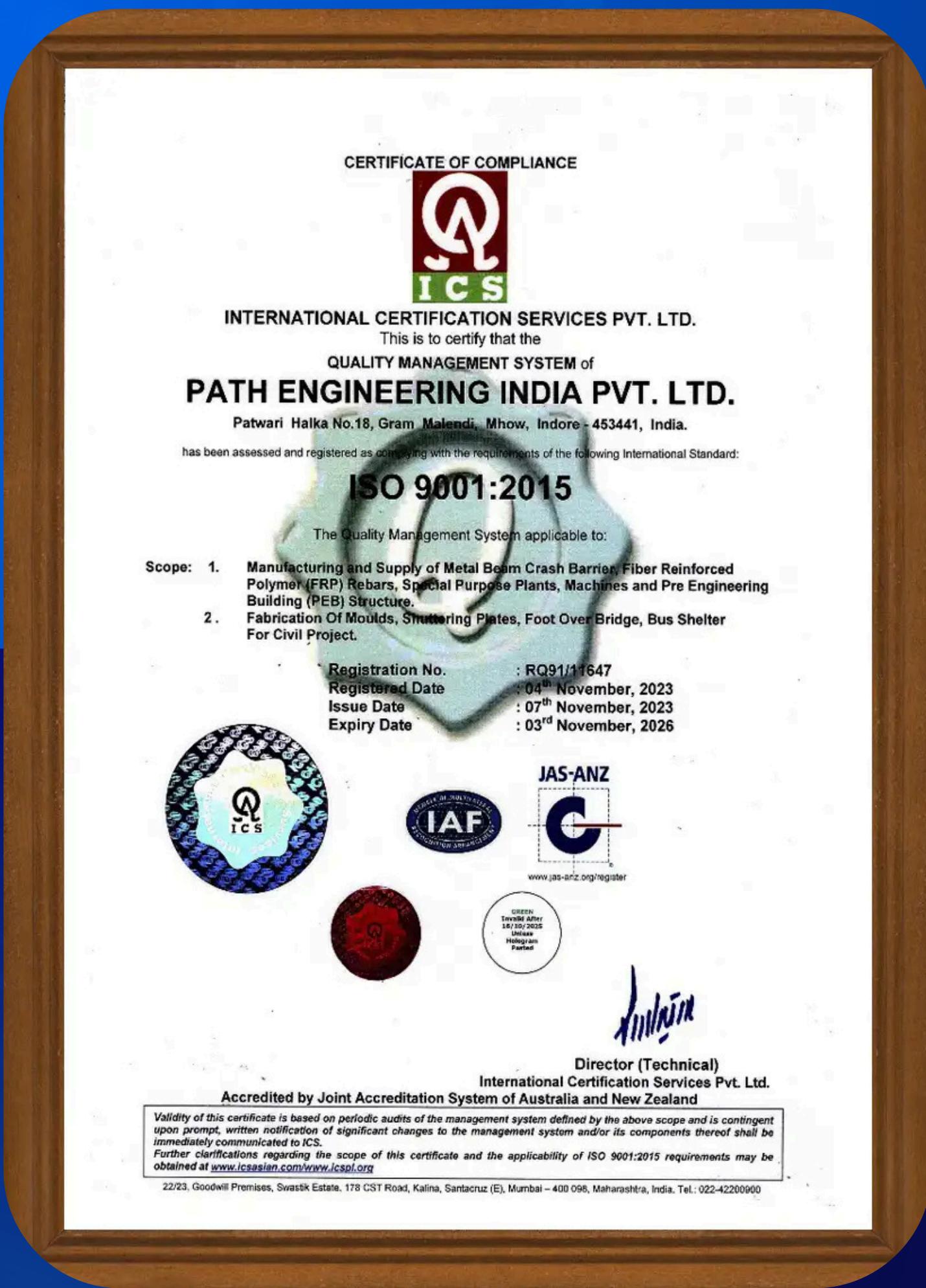
Path GFRP's state-of-the-art plant in Mhow, Madhya Pradesh, reflects our commitment to quality, innovation, and sustainability in composite reinforcement. Spanning 12 acres, the facility transforms ideas into world-class Glass Fiber Reinforced Polymer (GFRP) bars—delivering durability and cost efficiency for modern construction. Operating 24×7 with a capacity of 100–120 tonnes/month, the plant meets large-scale infrastructure and private sector demands across India. Over 60 skilled engineers, technicians, and support staff ensure every bar upholds Path's quality standards, strict timelines, and customer trust. Four large sheds house production lines, assembly units, and auxiliary operations. Specialized in-house divisions—including a fully equipped QA/QC laboratory, precision machine shop, dedicated electrical maintenance, and a staff mess—enable self-reliance, consistent quality, and workforce care.

Sustainability is central: partially solar-powered today, the plant will soon transition to 100% solar energy, setting benchmarks for green manufacturing. We have been certified by IIT Indore, Certifications from IIT Roorkee and BIS are underway, reinforcing the superior performance and reliability already recognized by partners and customers.

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# Our Certifications

Our products conform to BIS standards and international benchmarks. Certifications ensure quality and reliability, giving engineers and contractors the confidence to adopt.



# Thankyou

Path India Ltd continues to innovate in the field of **GFRP rebar manufacturing**, providing durable, eco-friendly, and cost-effective solutions for modern infrastructure. Together, we're building a stronger, sustainable future.

