

Starbars™ GFRP Bar



Corrosion-Free Concrete Reinforcement for Long-Life Structures

Starbars™ GFRP Bar is a straight deformed reinforcing bar manufactured from high-strength glass fibres embedded in a vinyl ester polymer matrix, providing durable, corrosion-free fibreglass reinforcement for concrete structures. The product is manufactured in accordance with ASTM D7957/D7957M-22, a recognised U.S. standard for solid round GFRP bars used in concrete reinforcement, delivering high tensile strength, lightweight handling, and long-term performance in aggressive and corrosion-prone environments.

SPECIFICATIONS:

| Product Code | Description |
|--------------|---------------------------------------|
| 121478 | Fibreglass Deformed Bar 10mm x 6000mm |
| 122358 | Fibreglass Deformed Bar 12mm x 6000mm |
| 121480 | Fibreglass Deformed Bar 16mm x 6000mm |

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Key Features & Benefits

- ▶ **Non-Corrosive** - Will not rust, ideal for marine, coastal, and aggressive environments.
- ▶ **Lightweight Handling** - Up to **4× lighter** than steel, reducing handling risks and installation time.
- ▶ **High Tensile Strength**- Delivers tensile strength up to **2× steel** (size dependent).
- ▶ **Electromagnetic Transparency** - Suitable for MRI facilities, airports, and sensitive infrastructure.
- ▶ **Sustainable Solution** - Supports longer service life and reduced whole-of-life carbon impact.
- ▶ **Consistent Quality** - Supplied as factory-produced straight bars for reliable performance.