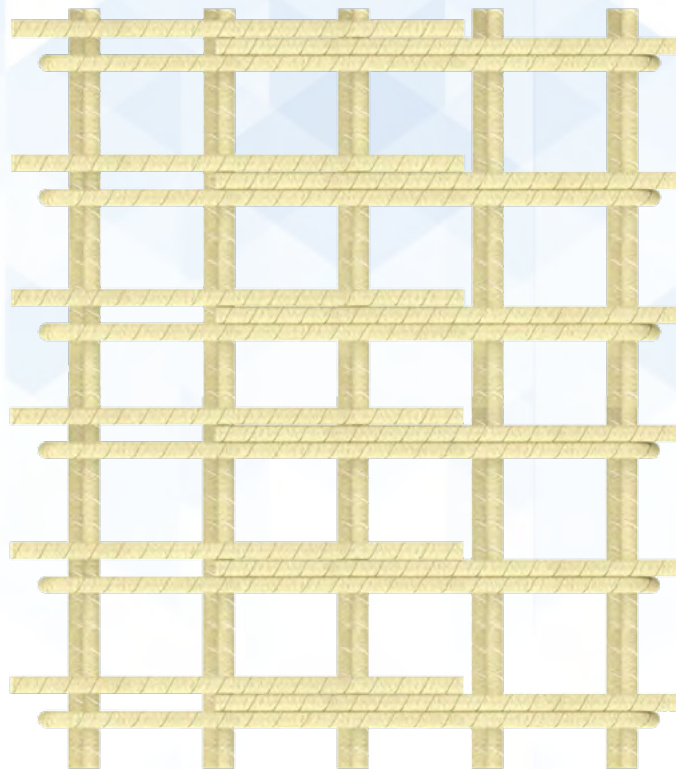




GFRP Rebar For Permanent Applications

Corrosion-free Alternative to Steel Rebar



Dextra

About GFRP Rebar

Glass Fibre Reinforced Polymer (GFRP) rebar is a pultruded profile available in various grades and shapes. It offers designers a non-metallic reinforcing bar with high tensile strength.

ASTEC GFRP rebar can be utilized in both new construction and strengthening projects. Since 1996, Dextra has set new industry standards and has become a global reference in this field. As pioneers of this technology, we have successfully supplied materials for thousands of projects worldwide.

Standards

Design

- ACI 440.1R-15
- FIB Task Group 9.3 – Bulletin 40
- ACI 440.11-2022

Material specification

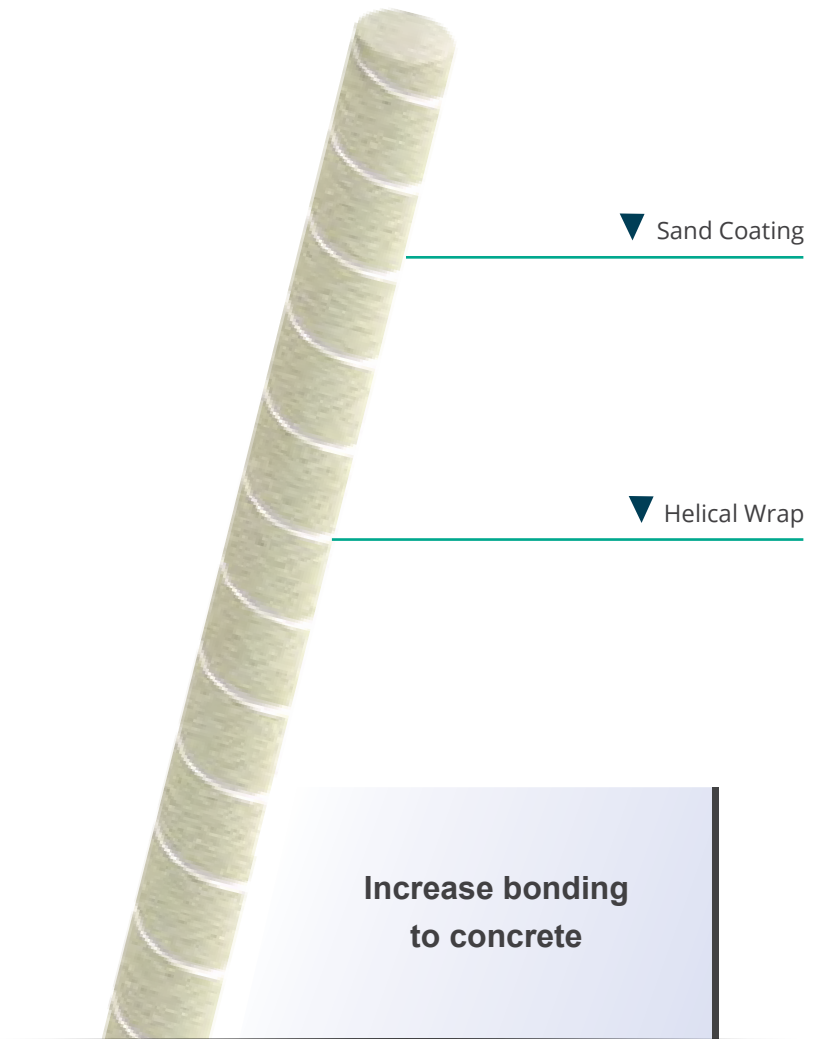
- ASTM D7957/D7959M - 22
- ASTM D8505/D8505M - 23
- AS 5204 : 2023
- IS 18256 : 2023

Key benefits

The main benefits are as follow:

- ✓ Greater tensile strength than steel
- ✓ 4 times lighter than steel
- ✓ Corrosion free
- ✓ Light weight
- ✓ Low thermal conductivity
- ✓ Electrically non-conductive
- ✓ Transparent to magnetic fields and radio frequencies
- ✓ Long service life
- ✓ Superior durability

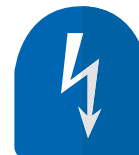
Product design & concept



Light Weight



Low Thermal Conductivity



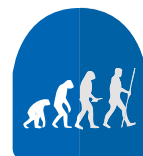
Electrically Non-Conductive



Corrosion Resistance



Tailored Shapes



Extended Service Life

Applications

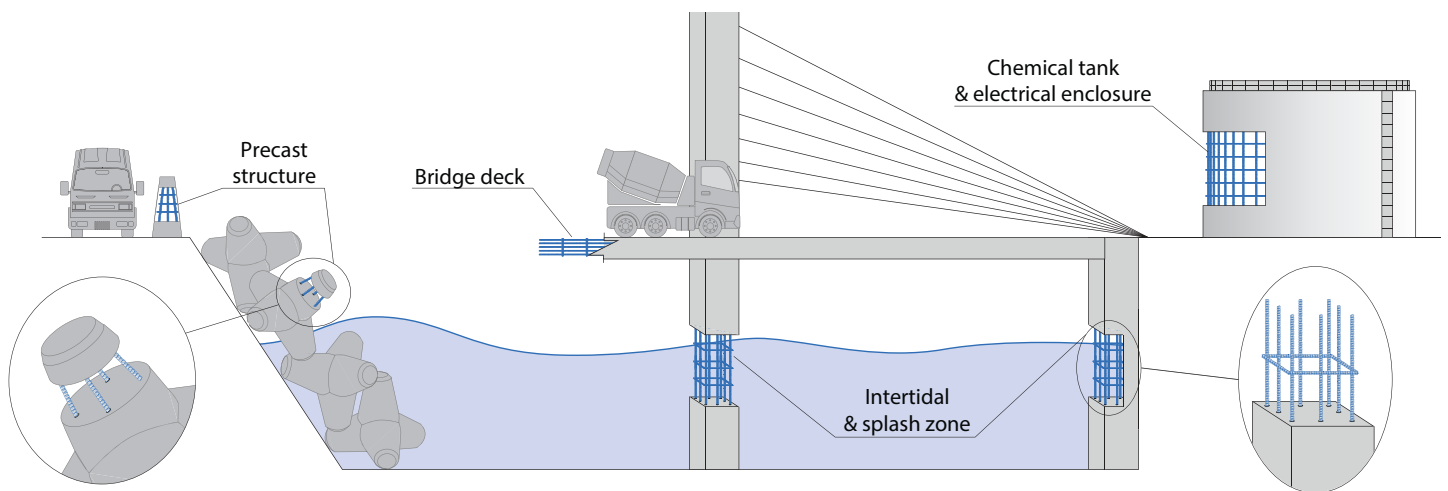
Highway & Bridge Deck



Industrial Slab & Warehouses



Marine Structures



First Industry-Verified EPDs for FRP Solutions

We are the first in our industry to independently verify our GFRP Environmental Product Declarations (EPDs).

Why is this groundbreaking?

- **Transparency:** We are sharing our products environmental impact.
- **Honesty:** Our data undergoes third party scrutiny to ensure honest reporting.
- **Leading Sustainable Accountability:** We hope that our actions inspire others in our industry.





SPARK Dry Port and Logistics Zone, Saudi Arabia



EnergyConnect - Whittens Buronga Substation, Australia

Commercial presence in more than **55 countries**



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