



Composite Fiberglass (GFRP) Rebar

Features of Durabar™



Stronger & Lighter than steel

- 2x the tensile strength of steel
- 1/4 weight of a steel bar of same diameter



Non-corrosive, non-conductive

- Material doesn't corrode and offer high resistance to chlorides and alkali.
- Particularly suitable for environments exposed to water, salt, & humidity.
- Non-conductive. It's the perfect reinforcement solution for high voltage currents and magnetic fields.



Design optimization

- Bond strength of 10 MPa, allowing shorter lapping length.
- Can substitute steel bar of larger diameter – or increase the rebar spacing.
- Further saving on the concrete cover = less volume of concrete.



Simplified Installation

- Delivered in straight bars up to 11.8m or in coils of 50m.
- Labor required for installation reduced by 2x to 3x.

Why choose Durabar™



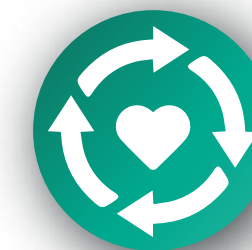
Stronger & lighter than steel, with 6x to 8x times less material needed than conventional steel rebars.



Material is safe & easy to handle, requiring much less labor for installation, generating both time & money saving.



Durable material, allowing to design for a longer lifetime of the structure. As no maintenance nor repair work is needed, Durabar™ generates savings during the whole project life.



Sustainable material, with significantly less energy required & CO2 emission, both at production stage and for its transportation & installation.

About Us



Dextra

Established in 1983, Dextra is a leading manufacturer and distributor of engineered construction products for the building and civil industries.

Dextra is a leader of the composite industry for the past 25 years, manufacturing high quality FRP solutions supplied on large infrastructure projects.

The company excels in offering comprehensive solutions to its customer, with expertise in designing concrete structures reinforced with GFRP rebars.

All Durabar™ GFRP rebars are produced in Dextra ISO-9001 and ISO-14001 certified factory, following the company stringent quality assurance policy.

For further inquiry, please contact

Ms. Tina Huang

Email: thuang@dextragroup.com



Ideal for Flat-work / slab on grade