

MateenBar – GFRP Rebar

The high-quality and exceptional durability of Pultron Composites **MateenBar** and **MateenDowel** can provide significant cost savings for projects in aggressive environments.

Cost savings fall into the following groups:

- Whole-life cost savings by extending service life.
- 50% lower price than Stainless Steel reinforcing.
- Eliminates the need for steel reinforcement protection strategies, e.g. Cathodic Protection
- Reduced labour, transport & lifting equipment.
- Superior mechanical properties.



Resistance to corrosion and chemicals

MateenBar is highly resistant to chemical attack, so it does not rust. Design engineers working in corrosive environments choose **MateenBar** to achieve acceptable life spans.

Applications:

- Marine infrastructure, quay walls, wharfs, canals & dry docks.
- Marina pontoons
- Bridge decks
- Water and sewerage tunnels & plant.
- Desalination plants, sea water intakes
- Roads subject to de-icing, or sabkha soils



MateenBar will provide a 50-60% cost saving over 316 stainless steel, and is more durable than stainless steel and all other metal based alternatives.

Non-conductive & non-electro magnetic

In areas of high electrical fields significant power is lost due to induction into the surrounding steel reinforcement. Accelerated corrosion occurs due to electrolysis of steel, requiring extensive earthing systems, insulation and concrete coverage.

Applications:

- Aluminium & Copper Smelters
- Power & Substations
- Sensitive electronic laboratories & calibration areas
- Hospital MRI Suites
- Electrical Isolation Breaks / Electric Rail & Trams



MateenBar will provide a 50-60% cost saving over 316 stainless steel, and is more durable than stainless steel and all other metal based alternatives.

Tunneling & Cutting

MateenBar is used as reinforcement in diaphragm walls and bored piles as it can be easily cut by a Tunnel Boring Machine (TBM). This soft-eye technique provides significant cost, scheduling and safety benefits in tunnel projects.



Contact us:
www.pultron.com
sales@pultron.com

Pultron Composites Ltd
342 Lytton Road Gisborne
PO Box 323, Gisborne 4040, New Zealand
Tel +64 6 867 8582

Pultron Composites Middle East
Jebel Ali Free Zone, South Extension
PO Box 17522 Dubai, UAE
Tel +971 4 880 9533