Wagners Composite Fibre Technologies (CFT)

Marine Infastructure

Fibre Reinforced Polymer (FRP) is transforming marine infrastructure with a combinbation of durability, safety and sustainability.

Exceptionally corrosion resistant and completely inert, FRP won't rot, rust or corrode making it ideal for harsh coastal and tidal environments.

FRP stands up to acid sulfate soils, UV exposure, marine borers and saltwater without leaching harmful substances into the ecosystem. Safe for both marine life and marine hardware, FRP eliminates issues like electrolysis that can damage boats and fittings.

Its lightweight nature improves on-site safety, reduces installation times and lowers transport costs. Being modular, FRP components can be pre-assembled off-site and installed quickly between tides minimising disruption and labour costs. The result? Lower maintenance demands, fewer inspection cycles and significantly improved budget outcomes over the structure's lifetime.

Performance Advantages

- **Exceptional corrosion resistance**
- **Inert** - will not rot, rust or corrode
- **Durable** - meets requirements of AS4997
- **Resistant** - acid sulfate soils, UV rays & marine borers
- **No-electrolysis** - no damage to marine hardware
- **Non-leaching & non-toxic** - safe for marine ecosystems
- **Low maintenance** - reduced inspection and replacement requirements
- **Improved budget outcomes** through reduced maintenance
- **Lightweight** - safer to handle, transport and install
- **Modular by design** so can be assembled off-site and craned or trucked into place between tides
- **Australian manufactured**
- Plus structures made from FRP contribute to **decarbonisation in construction** and reducing global warming through **less embodied carbon**

Wagners CFT meets the international management standards for:

Certified System Quality ISO 9001 SAI GLOBAL
Certified System Environment ISO 14001 SAI GLOBAL
Certified System OHS ISO 45001 SAI GLOBAL

AUSTRALASIA EPD®
ENVIRONMENTAL PRODUCT DECLARATION

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