

SEASHIELD 500™ SYSTEM



A very heavy duty system for the protection of concrete and timber piles of variable shapes. Typically used to protect piles with damage and less than 25% section loss.

The SeaShield 500™ System is comprised of a custom-made fiberglass jacket that provides a permanent protective form-work which is filled with water-insensitive epoxy grout to protect damaged piles.

The SeaShield 500™ Jacket is provided with a vertical tongue and groove closure and is supplied to a project specific thickness. Non-corrosive standoffs can be supplied to maintain the correct spacing of the jacket around the pile. This ensures the correct thickness of SeaShield 550™ Epoxy Grout in the completed system. This grout can displace existing water and can be easily pumped, tremied or poured into the SeaShield 500 jacket even while it is submerged in water. By eliminating the need to dewater the site or build cofferdams, the SeaShield 500 System drastically reduces the overall expense and loss-of-use cost, as the structure can generally remain in service while the repair is executed.

USES

- Jetties, piers, docks and wharfs
- Port infrastructure
- Marine structures
- Maintenance
- Bridges

COMPONENTS

SeaShield 500™ Jacket

SeaShield 550™ Epoxy Grout

SeaShield FX-70TNG™

SeaShield FX-763™

Options:

Non-corrosive standoffs

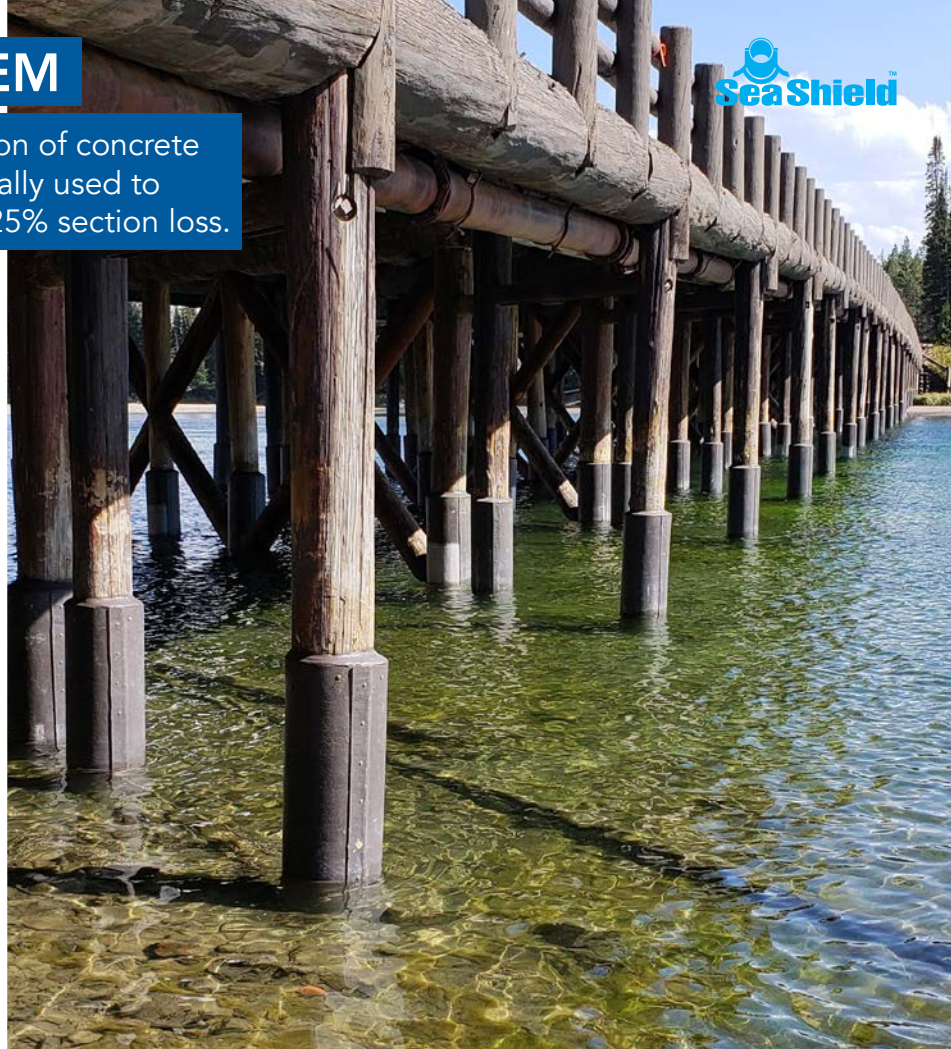
As required.

SURFACE PREPARATION

Minimal surface preparation required.

Remove marine growth, loose rust, paint and foreign matter by hand and/or power tools.

High pressure water jetting may also be used but is not essential.



FEATURES

- Economically protect structures in place, system can be applied underwater or to wet surfaces.
- Greatly reduce corrosion, deterioration, and erosion.
- Resistant to impact and abrasion.
- Excellent stability under UV weathering conditions.
- Accommodates piles of various shapes.
- Easy to install, no mixing, minimal wastage, with minimal requirements for specialist tools.
- Low-maintenance following repair.
- Low environmental impact.
- Suitable for use over a wide range of ambient temperatures.
- Suitable for use in the immersed, tidal and splash zones, in marine, estuarine, lentic and riverine environments.
- VOC free.



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