

SEASHIELD 80™ SYSTEM



A light-duty system for the protection of cylindrical steel, concrete or timber piles. The system is frequently used in conjunction with other systems.

The SeaShield 80™ System is comprised of a layer of Prempaste S105™ followed by a layer of SeaShield™ Marine Piling Tape. Outer mechanical protection is provided by a layer of SeaShield Bitumen Outerwrap which comprises a polymer modified bitumen compound laminated to a tough PVC backing. The compound layer is protected by an interleaving which is removed during application. The combination of PVC backing and polymer bitumen compound makes it resistant to damage by sharp objects (e.g. impact damage).

SeaShield Bitumen Outerwrap provides mechanical protection as part of the SeaShield™ system. When used in conjunction with Prempaste S105 and SeaShield Marine Piling Tape, the extremely tough PVC backing combined with polymer-modified bitumen ensures protection of piles.

FEATURES

- Economically protect structures in place, system can be applied underwater or to wet surfaces.
- Greatly reduce corrosion.
- Easy to install, no mixing, minimal wastage, with minimal requirements for specialist tools.
- 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.

USES

- Jetties, piers, docks and wharfs
- Port infrastructure
- Marine structures
- New construction and maintenance
- Bridges
- Complex shapes and profiles



COMPONENTS

Prempaste S105™

SeaShield™ Marine Piling Tape

Bitumen Outerwrap

Options:

Premier™ Moulding Compound

or Premier™ Tropical Blankets

As required.

Premier™ PVC Self-Adhesive Tape

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.



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