

# SEASHIELD 100™ SYSTEM

A medium duty system for the protection of steel piles, that are round or H-section in shape.

The SeaShield 100™ System is comprised of a layer of Prempaste S105™ followed by a layer of SeaShield™ Marine Piling Tape. Outer mechanical protection is provided by an HDPE Jacket which is secured in place using a banding system. The system can be applied both above and below water and offers robust protection to marine structures that are exposed to the corrosive conditions found in splash zone, inter-tidal and subsea environments.

## 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.

## USES

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



## COMPONENTS

Prempaste S105™

SeaShield™ Marine Piling Tape

SeaShield 100™ Jackets

Banding reels and buckles

### Options:

Premier™ Moulding Compound  
or Premtape™ LD Mastic

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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