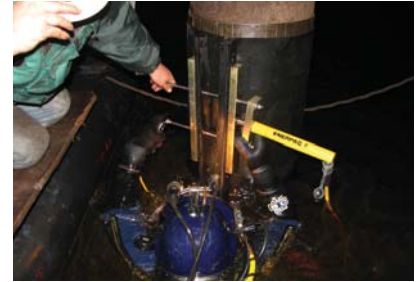


# SeaShield Marine Systems



*SeaShield Series 2000FD System designed to withstand the most aggressive environments.*



## Features

- Minimal surface preparation required (no abrasive blasting)
- Fast and easy installation
- Can be applied underwater
- One piece jackets
- High impact resistance in aggressive environments
- UV resistant
- Safe to apply and environmentally responsible
- 30 year plus service life

## Series 2000FD

**The ultimate heavy-duty pile protection system for pilings in the most aggressive environments**

**S**eaShield Series 2000FD System provides splash zone protection for steel and concrete piles. The system is ideal for environments where conditions are too severe for paint systems, epoxies and other conventional forms of protection. SeaShield Series 2000FD seals out oxygen and water, effectively stopping corrosion on metal surfaces. The system also prevents spalling and corrosion of steel reinforcement in concrete piles.

The Series 2000FD encapsulates wharf piles, riser pipes and exposed piping in splash and intertidal zones. It accommodates piles with cylindrical and octagonal configurations and is applied with a controlled tensioning system.





## Materials

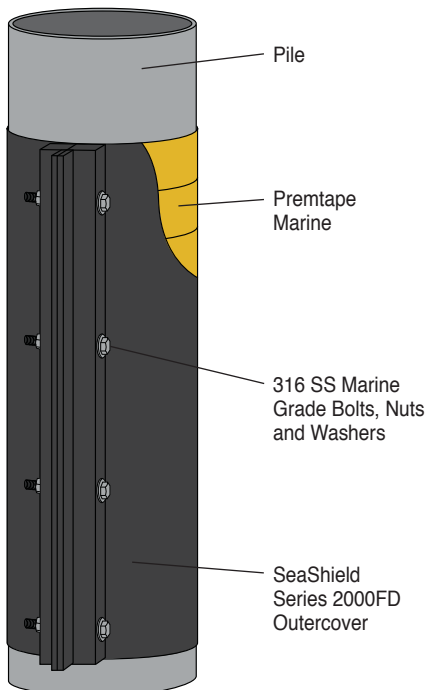
The Series 2000FD Systems stops corrosion by using a proven petrolatum-based tape. The Premtape Marine forms an anti-corrosion membrane by displacing water, sealing out oxygen and forming a moisture resistance bond. A tough outercover surrounds the tape to protect against weathering and mechanical damage.

## Premtape Marine

Premtape Marine is a synthetic fiber-reinforced tape impregnated and coated with a specially formulated, petrolatum based compound containing inert fillers and water displacing agents. The tape provides a long-lasting anti-corrosion membrane for steel and concrete surfaces. Applied spirally and with sufficient tension, Premtape Marine displaces water and develops a water resistant bond. It provides the primary corrosion protection in the SeaShield Series 2000HD System. If the surface to be protected is pitted by 2mm or more in depth then a layer of Prempaste S105 Paste should be applied over the pitted area. If there are irregular shapes, plate edge interfaces, brackets or similar then Premier Molding Compound can be used to contour these areas to provide a smooth profile for tape wrapping.

## SeaShield Outercover

SeaShield Outercovers are made of proven HPDE which is UV resistant, durable and tough. The outercovers provide mechanical protection against the elements and accidental impact. All Series 2000FD outercovers are custom manufactured with HDPE bars so the outercover can be bolted around the pile with hoop tension. They are secured with 316 SS marine grade stainless steel bolts, nuts and washers.



## Find Out More

For further details please refer to the Engineering Specifications for SeaShield Series 2000FD or call 1-888-821-2300.

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