

SeaShield 2000 FD Jacket

Outer protective layer of the SeaShield 2000 FD System

Composition

SeaShield 2000 FD Jackets are fabricated from high-density polyethylene, suitable for marine use, with a proprietary closure system. The sheet is specially formulated to include a minimum of 2% carbon black, which provides excellent resistance to UV weathering.

Uses

SeaShield 2000 FD System is suitable for use in marine situations for the protection of structural steel work in the immersed and splash zones. (Protection of the atmospheric zone can also be achieved by the use of SeaShield Rigspray.)

SeaShield 2000 FD Jackets provide the outer armouring of the SeaShield 2000 FD system, when used in conjunction with SeaShield Paste S105 and SeaShield Marine Piling Tape.

SeaShield 2000 FD System is suitable for protection of piles over 400mm in diameter.

Characteristics

SeaShield 2000 FD Jackets are:

- suitable for use in marine splash zone areas,
- suitable for use in immersed marine conditions,
- suitable for use on circular, square and hexagonal piles, and
- highly resistant to UV radiation.

Application

see *Instructions for use for additional detail*

SeaShield 2000 FD Jackets are applied by hydraulic clamp, and fitted using specified fixings.

Availability

SeaShield 2000 FD Jackets are supplied as modular units. Standard module height is 1.9 m. All SeaShield 2000FD Jackets are made to order to specific pile dimensions.

Typical Properties

	Test method	Typical Results
Thickness	ASTM D5199	2 mm
Tensile strength at break	ASTM D638	50 N/mm ²
Elongation at break	ASTM D6693	700%
Puncture resistance	ASTM D4833	640 N
Tear resistance	ASTM D1004	250 N
Carbon Black content	ASTM D1603	>2%

SeaShield International pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. SeaShield products are sourced from a company complying with BS EN ISO 9001 Quality Management System.

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