

SeaShield 100 Jacket

Outer protective layer of the SeaShield 100 System

Composition

SeaShield 100 Jackets are fabricated from high-density polyethylene, suitable for marine use. The sheet is specially formulated to include a minimum of 2% carbon black, which provides excellent resistance to UV weathering.

Uses

SeaShield 100 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 be achieved by the use of SeaShield Rigspray.)

SeaShield 100 Jackets provide the outer armouring of the SeaShield 100 system, when used in conjunction with SeaShield Paste S105 and SeaShield Marine Piling Tape.

SeaShield 100 System is suitable for protection of piles up to 1 m in diameter.

Characteristics

SeaShield 100 Jackets are:

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

Application

see *Instructions for use for additional detail*

The SeaShield 100 Jacket features a stiffened edge which must be oriented on the outside of the fitted jacket.

SeaShield 100 Jackets are secured by circumferential application of an approved SeaShield banding system at intervals determined by the local site conditions. Full application details are available.

Availability

SeaShield 100 Jackets are supplied as modular units. Standard module height is 1.9 m. All SeaShield 100 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.

Revision date: 16/06/2016

SeaShield International
33-35 Chapel Road,
London SE27 0TR, United Kingdom



Tel: +44 (0) 20 8670 7511
Fax: +44 (0) 20 8761 2456
Email: mail@seashield.com
Web: www.seashield.com