

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,

Typical Properties

Thickness	2 mm	ASTM D5199
Tensile strength at break	53 N/mm	ASTM D638/D6693
Elongation at break	700 %	ASTM D638/D6693
Puncture resistance	640 N	ASTM D4833
Tear resistance	250 N	ASTM D1004
Carbon black content	>2%	ASTM D4218

- 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 on request.

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.

Waste material

Please avoid or minimise waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

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 ISO 9001 Quality Management System and ISO 14001 Environmental Management System.

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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