

SeaShield 550 Epoxy Grout

Encapsulation and repair grout for concrete, timber and steel

Composition

SeaShield 550 Epoxy Grout is a 3-component, water-displacing epoxy resin/aggregate formulation which provides a durable, well-bonded repair to concrete, timber and steel below water.

Uses

SeaShield 550 Epoxy Grout is designed for underwater application. It has a relatively long pot life, so it is easy to handle yet still provides high early strength.

It can be poured or pumped into forms and is typically used to protect piers, jetties and barrier walls.

Characteristics

SeaShield 550 Epoxy Grout has:

- Good wet adhesion, and
- Good water displacement capability.

Application

see *Instructions for use for additional detail*

SeaShield 550 Epoxy Grout cures at temperatures down to 0°C.

Curing

Full cure (15 to 27°C): 30 to 60 hours

Full cure (4 to 26°C): +120 hours

Availability

SeaShield 550 Epoxy Grout is available in pre-measured kits.

Storage conditions

Store in a cool dry place, in original packaging at temperatures between 20°C and 30°C

Typical Properties

Compressive strength	72.4 MPa	ASTM C579
Tensile strength	15 MPa	ASTM C307
Bond/ Shear strength	14 MPa	ASTM C882
Shrinkage	0.07%	ASTM C531
Water absorption	0.45%	ASTM C413

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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