

SeaShield Rigspray

Two-component, medium-duty coating

Description

SeaShield Rigspray is a 2-component medium duty brush or airless spray applied coating formulated from an isophthalic Polyester resin. The dry film thickness is normally 0.8 to 1mm. More than one coat can be applied if required.

Principal Characteristics

- Excellent corrosion resistance
- Very good abrasion resistance
- Very good erosion resistance
- Very low permeability
- Good chemical resistance
- Excellent application properties
- Single coat application up to 1mm D.F.T.
- Excellent undercutting resistance
- Lower styrene emissions
- Rapidity of cure
- Excellent reparability

Corrosion and Temperature Resistance

SeaShield Rigspray is suitable for use in aggressive marine environments and resists some mildly aggressive chemicals at temperatures up to 65°C under immersion conditions.

SeaShield Rigspray is used primarily to protect steel structures from corrosive attack.

Rigspray is widely used for the protection of steel structures subject to the most aggressive marine environments, where abrasion and erosion are also a problem, i.e. splash zones, under-deck areas, helidecks, and main deck surfaces.

***Note:**

C2 = Butanox M50 or approved equivalent

C3 = Butanox LPT-IN or approved equivalent

Rigspray	Isophthalic Polyester
Operating Temperature Range	Min. -50°C Max. +65°C
Application Method	Airless Spray or Brush
Surface Preparation	Grit blast to Sa2½ minimum
Colour	to specification
* Catalyst Types	SeaShield C2 or C3
Volume Solids	98%-99%
Dry Film Thickness	600-1000 µm
Min Substrate Temperature	5°C
Max Humidity during Application	90% Rh
Min Dewpoint/Substrate Differential (steel)	Dewpoint +3°C
Flash Point	31°C
Overcoating Times (20°C)	Min. 4 hrs - Max 3 Days
Tool Cleaning Solvent	T2 Cleaner
Storage Temperature Limits	10°C - 20°C
Specific Gravity	1.3
Shelf Life	6 Months

Rigspray Test Data			
Characteristic	Standard	Result	
Abrasion Resistance	ASTM D 4060	0.035gm (smooth)	
Adhesion Properties	ASTM D 952	8 MPa	
Cathodic Disbondment	BG/CW6	6mm	
Tensile Strength	ASTM D 638	4715 psi	332kg/cm ²
Flexural Strength	ASTM D 790	10040 psi	707kg/cm 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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