



TECHNICAL BULLETIN
SynDeck® Underlayment
Sealer
SS1257

Description

SynDeck Underlayment Sealer SS1257 is a two (2) component, high thixotropic index epoxy specifically designed to seal decks, floors and other surfaces where an IMO-certified system is called out.

Applications

Underlayment Sealer can be used where an IMO system is required to seal porous surfaces prior to additional toppings being installed.

Performance/ Physical Characteristics

Certifications/Qualifications	Meets Parts 2 and 5 of Annex 1 of the IMO FTP Code for floor coverings
VOC	0 g/l Theoretical - Additives may contain unreported trace amounts of VOC
Coverage Per Kit	100ft ² (9.3m ²) at 12 mils (300 microns)
Shelf Life	18 months
Mix Ratio by Volume	2.5:1 (A:B)
Pot Life	15 minutes at 70° F (21° C)
Dry/Recoat Time	4 hours at 70° F (21° C)
Color/s	Colorless
Thinning	None required
Mixed System Specific Gravity	1.13
Gloss	Not Applicable
Chemical Resistance	Not Applicable

Packaging Description

Weight per kit:

7.0lbs (3.2kg)

SynDeck Underlayment Sealer Part A Resin SA1257 contains:

5.2lbs (2.4kg) / .52Gal (2.0L) of product in a premeasured 1 Gallon (3.8L) can

SynDeck Underlayment Sealer Part B Hardener SB1257 contains:

1.7lbs (.77kg) / .21Gal (.8L) in a premeasured 1 Quart (.96L) can

Surface Preparation

Ensure surface has a minimum 1-3 mil (25-75 microns) profile. All visible oil, grease, sludge and other contaminants must be removed prior to coating. Surface must be clean, dry and free of loose material.

Mixing

Mix Underlayment Sealer Part A Resin SA1257 until a homogeneous mixture is obtained. Next, pour Underlayment Sealer Part B Hardener SB1257 into the premixed Part A Resin component. Mix slowly (500-1,000 rpm) with a mechanical jiffy-type mixer for 1-2 minutes. Avoid fast, aggressive mixing which introduces air bubbles. Ensure all material is thoroughly blended. Be aware that leaving mixed material in the can will reduce the working time of this fast cure product.



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Application Methods

Brush

Use a high quality synthetic brush

Roller

Use lambswool or similar cover, 1/4"-1/2" nap thickness (Smooth - Medium pile) with a phenolic core, solvent-resistant, high quality roller

Squeegee

Use a top quality rubber squeegee

Environment

Apply between 50°F-100°F (10°C-38°C) and 5°F (3°C) above dew point

Storage

50°F-100°F (10°C-38°C)

Caution

Use in a well ventilated area. Do not allow uncured epoxy to be in contact with skin for prolonged periods of time. If contact occurs, wash affected area immediately with soap and warm water. If eye contact occurs, flush with plenty of warm water. See a physician.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product that is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss or damage resulting from use of this product.

Contact EPMAR for any additional application information



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