



Description

SynDeck Waterproof Membrane SS2102 is a two (2) component, 100% solids, polyurethane-hybrid waterproofing product that has excellent chemical and moisture resistance. This product is typically specified as a resilient water barrier applied to steel, composite and sealed wood surfaces. It is user-friendly, with good leveling properties and is very low odor.

Applications

Waterproof Membrane is applied to properly prepared metals and is utilized as a resilient protective coat over steel floors in marine environments. When applying over porous substrates, a sealer coat is recommended. Contact your local SynDeck technical representative for further information.

Performance/Physical Characteristics

Certifications/Qualifications	Certified: ANSI 118.10
VOC	0 g/l Theoretical - Additives may contain unreported trace amounts of VOC
Coverage Per Kit	Small: 30ft ² (2.8m ²) at 25 mils (.63mm) Large: 121ft ² (11m ²) at 25 mils (.63mm)
Shelf Life	2 years
Mix Ratio by Volume	1:1 (A:B)
Pot Life	20 minutes at 70°F (21°C)
Dry/Recoat Time	16 hours at 70°F (21°C)
Color/s	Gray
Thinning	None required. Acetone or denatured alcohol for clean up
Mixed System Specific Gravity	1.1
Gloss	Matte
Chemical Resistance	Splash & Spillage of Aromatic Hydrocarbons, Ketones, Dilute Organic Acids, Alkalis, Spray Paint, Salt Spray

Packaging Description

Small

Weight per kit, Small:

4.4lbs (2.0kg)

SynDeck Waterproof Membrane Part A Hardener SA2102, Small contains:

2.3lbs (1.04kg) / .24Gal (.9L) of product in a premeasured 1 Gallon (3.8L) can

SynDeck Waterproof Membrane Part B Resin SB2102, Small contains:

2.1lbs (.9kg) / .24Gal (.9L) of product in a premeasured 1 Quart (.96L) can

Large

Weight per kit, Large:

17.5lbs (8.1kg)

SynDeck Waterproof Membrane Part A Hardener SA2102, Large contains:

9.17lbs (4.2kg) / .95Gal (3.6L) of product in a premeasured 1 Gallon (3.8L) can

SynDeck Waterproof Membrane Part B Resin SB2102, Large contains:

8.3lbs (3.8kg) / .95Gal (3.6L) of product in a premeasured 1 Gallon (3.8L) can



Surface Preparation

All visible oil, grease, sludge and any other contaminants must be removed prior to any surface preparation. Surface must be clean, dry, corrosion free and have a 1-3 mils (25-75 microns) surface profile. Wood must be properly sealed prior to application.

Mixing

Combine Waterproof Membrane Part A Hardener SA 2102 and Waterproof Membrane Part B Resin SB2102 components in a clean container. Mix slowly (500-1,000 rpm) using a mechanical jiffy-type mixer for 1-2 minutes to ensure homogenous mixture. Ensure all material is thoroughly blended.

Application Methods

Trowel

Use a V-notched trowel to evenly spread mixed membrane

Brush

Use top-quality synthetic brush

Roller

Use Lambswool or similar, 1/8"-1/4" nap thickness with a phenolic core, Short 3mm - Medium 6mm pile, solvent-resistant, high quality roller

Squeegee

Use a high quality rubber squeegee.

Thickness

10-40 mils per coat. Very thick applications can trap air, causing bubbles.

Additional Application Notes

Polyurethane products can be sensitive to moisture. Be careful of thicker application in high humidity. Thicker applications in highly humid environments can produce moisture entrapment, resulting in bubbles in the final film.

Environment

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

Storage

60°F-100°F (16°C-38°C) KEEP FROM FREEZING

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



EPMAR Corporation
 13240 Barton Circle, Whittier, CA 90605-3254
 US: 877.993.7627 UK: +44 (0) 7774 725006
info@syndeckmarine.com www.syndeckmarine.com