



Description

SynDeck Super Light Terrazzo System is an easy-to-apply, decorative, epoxy flooring system that is less than 1lb/ft² at ¼ in (4.84 kg/m² at 6.35mm) for deck underlayment. It is an ultra lightweight system with excellent adhesion that is specifically designed to meet US Navy protocol. SynDeck Super Light Terrazzo System can be installed in various colors to achieve the desired appearance.

Components

SynDeck Super Light Terrazzo System consists of several individual components:

1. SynDeck Bond Coat SS1222
2. SynDeck Ultra Lightweight Terrazzo SS1290FCT
3. SynDeck Super Underlayment Sealer SS1259
4. SynDeck IMO Epoxy SS5000 Clear Top Coat (with Slip Resistant Additive, if using)

Applications

SynDeck Super Light Terrazzo System is used primarily as a protective coat over metal decks in marine environments where fairing and leveling of the substrate is required. This system exhibits very little to no porosity and can be used in wet spaces or where other contaminants may be evident. Aggregate, such as SynDeck Slip Resistant Additive, can be utilized in the final SynDeck IMO Epoxy SS5000 Clear Top Coat, if a slip resistant surface is required.

Performance/Physical Characteristics

Certifications/Qualifications	Qualified to MIL-PRF-32584 Type IV & Type V, Class 1 & 2, Grade A
VOC	Additives may contain unreported trace amounts of VOC
Coverage Per Kit	See Individual Technical Bulletins for each Product in the System
Shelf Life	See Individual Technical Bulletins for each Product in the System
Mix Ratio by Volume	See Individual Technical Bulletins for each Product in the System
Pot Life	Not Applicable
Dry/Recoat Time	See Individual Technical Bulletins for each Product in the System
Color	Various
Thinning	None required. Acetone or denatured alcohol for clean up
Mixed System Specific Gravity	Not Applicable
Gloss	Not Applicable
Chemical Resistance	Chemical Resistance Information Available on Request

Packaging Description

*See Technical Bulletins for each component of the system for the weights, measures and other pertinent details of the individual materials specified in the system.

Application

Deck Preparation and Bond Coat Application

To apply SynDeck Super Light Terrazzo System, 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. SynDeck Super Light Terrazzo System begins with SynDeck Bond Coat SS1222. See the SynDeck Bond Coat SS1222 technical bulletin for detailed application instructions.

**SynDeck Ultra Lightweight Terrazzo SS1290FCT Application**

Mix SA1290FCT Part A Resin to achieve a homogeneous mixture. Next, pour SB1290FCT Part B Hardener into the premixed Part A Resin component, using a mechanical jiffy-type mixer to blend thoroughly. Care should be taken when mixing the blended components with the SC1290FCT Part C Aggregate to ensure that an even color distribution is achieved. There should be no dry or wet spots during the application, which ensures a proper cure. See the SynDeck Ultra Lightweight Terrazzo SS1290FCT technical bulletin for detailed application instructions.

SynDeck Super Underlayment Sealer SS1259 Application

Mix SA1259 Part A Resin component until a homogeneous color mixture is obtained. Next, pour SB1259 Part B Hardener into premixed Part A Resin component and mix using a mechanical jiffy-type mixer for 2-3 minutes. Ensure all material is thoroughly blended. Coat the cured underlayment with a squeegee or magic trowel. See the SynDeck Super Underlayment Sealer SS1259 technical bulletin for detailed application instructions.

SynDeck IMO Epoxy SS5000 Clear Top Coat Application

Mix SA5000 Part A Resin to achieve a homogenous mixture. Next, pour SB5000 Part B Hardener into premixed Part A Resin component and blend using mechanical jiffy-type mixer for 1-2 minutes, avoiding fast, aggressive mixing that would introduce bubbles. If using, add Slip Resistant Additive and slowly mix in. Apply SS5000 Clear Top Coat to desired mil thickness and to cover color flakes, if used. See SynDeck IMO Epoxy SS5000 Clear Top Coat technical bulletin for detailed instructions.

Environment

Apply between 50°F–100°F (10°C–38°C) and 5°F (3°C) above dewpoint. At elevated temperatures, product pot life will decrease and a faster cure time will be evident.

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

**EPMAR Corporation**

13240 Barton Circle, Whittier, CA 90605-3254

US: 877.993.7627 UK: +44 (0) 7774 725006

info@syndeckmarine.com www.syndeckmarine.com