



**Description**

SynDeck IMO UVR SS2590-71 is a high performance, abrasion and UV-resistant epoxy coating that has very low odor. It is user friendly, has excellent adhesion and cures to a resilient, high-gloss film. This product has superior clarity and is self-leveling. It can be applied at lower temperatures (50°F/10°C) with no blushing. Product is dry for foot traffic overnight.

**Applications**

IMO UVR can be applied over deck underlayments and properly prepared existing epoxy coatings where IMO Certification is required and UV resistance is necessary.

**Performance/Physical Characteristics**

<b>Certifications/Qualifications</b>	Meets Parts 2 and 5 of Annex 1 of the IMO FTP code for floor coverings
<b>VOC</b>	0 g/l Theoretical - Additives may contain unreported trace amounts of VOC
<b>Coverage Per Kit</b>	250ft <sup>2</sup> (23m <sup>2</sup> ) at 5 mils (125 microns)
<b>Shelf Life</b>	2 years
<b>Mix Ratio by Volume</b>	2.3:1 (A:B)
<b>Pot Life</b>	30 minutes at 70°F (21°C)
<b>Dry/Recoat Time</b>	16 hours at 70°F (21°C)
<b>Color/s</b>	Clear *Note: slight blue tint in can
<b>Thinning</b>	None Required. Acetone or denatured alcohol for clean up.
<b>Mixed System Specific Gravity</b>	1.09
<b>Gloss</b>	High
<b>Chemical Resistance</b>	Refer to Chemical chart on Website: <a href="http://www.Syndeckmarine.com">www.Syndeckmarine.com</a>

**Packaging Description**

**Weight per kit:**

7.3lbs (3.3kg)

**SynDeck Flex IMO UVR Part A Resin SA2590-71 contains:**

5.28lbs (2.4kg) of product in a premeasured 1 Gallon (3.8L) can

**SynDeck Flex IMO UVR Part B Hardener SB2500 contains:**

2.0lbs (.9kg) in a premeasured 1 Quart (.96L) 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 mil (25-75 microns) surface profile.

**Mixing**

Mix Flex IMO UVR Part A Resin SA2590-71 until a homogenous mixture is obtained. Next, pour Flex IMO UVR Part B Hardener SB2500 into the premixed Part A Resin component. Mix slowly (500-1,000rpm) with a mechanical jiffy-type mixer for 1-2 minutes. Avoid fast, aggressive mixing which introduces air bubbles. Ensure all material is thoroughly blended.



**Application Methods**

**Brush**

Use 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

**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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