



Epoxy &  
Polyurethane  
Manufacturing and  
Research

# TECHNICAL BULLETIN

## SYNDECK® BOND COAT (SS1222)

### Description

SynDeck® Bond Coat (SS1222) is a low viscosity, water-clear, 100% solids epoxy specifically designed as a primer material to be used in conjunction with installation of underlay material.

### Applications

SynDeck® Bond Coat (SS1222) is used as a primer material and bond promoter under SS1290FC or SS1290FC Terrazzo.

### Performance

VOC	0 g/l
Ultimate Tensile Strength	9100 psi
Tensile Elongation	5.7 %
Ultimate Flexural Strength	15,300 psi
Compressive Yield Strength	12,900 psi
Hardness Shore D	87

### Physical Characteristics

Mix Ratio	2:1 (A:B) parts by volume
Mixed Viscosity	1100 cps
Pot Life	60 minutes @ 70°F)
Color	Clear
Coverage	Approx. 200 ft <sup>2</sup> per kit
Shelf Life	1 year
Application Temperature	50°F. or warmer

### Surface Preparation

#### Metals –

All visible oil, grease, sludge, and any other contaminants shall be removed prior to any surface preparation in accordance with SSPC-SP1. Surface must be clean, dry, and corrosion free. Prepared surface may be prime coated with any approved Primer Coating. Apply SynDeck Bond Coat SS1222 (mixed SA1222 and SB1222) prior to flooring application. For best results in troweling, allow Bond Coat to be slightly tacky. Apply SS1222 Bond Coat by roller at 2-5 mils. Trowel underlayment on the “wet” Bond Coat.

#### Other –

May be used as a bonding agent for underlayment & over the substrates. All visible oil, grease, sludge and any other contaminants shall be removed prior to any application. Consult Epmar technical representative for specific substrate application.

#### Mixing –

Mix base component SA1222 until a homogenous mixture is obtained. Next, pour SS1222 into SA1222 and mix using a mechanical “jiffy mixer” for 1-2 minutes.

#### Environment –

Apply between 50°F - 100°F and 5°F above dewpoint.  
Storage - >50°F



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#### **CAUTION –**

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. Use in a well ventilated area.

**Contact EPMAR for any additional application information.**

#### **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, which 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.

**Service is part of our formula**

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