



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.

Application

SynDeck® Bond Coat (SS1222) is used as a primer material and bond promoter under FR0499, SS1290FC or SS1290FC Terrazzo.

Performance

VOC 0 g/l	0 g/l
Ultimate Tensile Strength	9,100 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 (200 grams @ 25°C)
Color	Clear
Coverage	Approximately 200 ft ² per kit
Shelf Life	2 years from date of manufacture.
Application Temperature	50°F or warmer

Packaging Description

Resin SA1222 – To be used in the aggregate mixes and any grout coats. The proper amount of resin needed to mix with the hardener is pre-measured in a 1 gallon can. Hardener SB1222 – Used for all functions and is premeasured in a quart can.

Surface Preparation

Metals - All visible oil, grease, sludge and any other contaminants shall be removed prior to any preparation in accordance with SSPC-SP1. Surface must be clean, dry and corrosion free. 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 a thickness of 2-4 mils. Trowel underlayment on the “wet” Bond Coat.

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



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Mixing - Mix "A" component until a homogenous mixture is obtained. Next, pour Part "B" into "A". Mix slowly (500-1000 rpm) with a mechanical "jiffy" type mixer for 1-2 minutes.

Application Methods

Brush – Use top quality synthetic bristle brush.

Roller – Use ¼" or mohair roller with phenolic core.

Environment – Apply between 50°-100°F and 5° above dew point.

Storage >50°F

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 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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