



TECHNICAL BULLETIN

SynDeck® Epoxy Combo Grout (SS1241)

Description

SynDeck® Epoxy Combo Grout (SS1241) is two component epoxy combined with carefully selected sand to produce a quality tile setting/grout material. Outstanding features include:

- Meets ANSI Spec A 118.3-1985
- Convenient ¾ gallon packaging
- Easy “water” clean up
- Outstanding thermal cycling capacity
- Excellent chemical resistance
- No unpleasant odors when components are mixed
- Epoxy is USDA approved

Applications

SynDeck® Epoxy Combo Grout (SS1241) is designed to be a low maintenance, high grade grout. It works well with porcelain, stone or quarry tile. This grout is both a setting and finishing material.

Performance

VOC	0 g/l
Ultimate Tensile Strength	8,500 psi
Tensile Elongation	4.0%
Ultimate Flexural Strength	13,250 psi
Compression Yield Strength	12,200 psi
Hardness Shore D	85

Physical Characteristics

Volume Solids	100%
Mix Ratio	(A:B) 100 pbw:6.4 pbw
Pot Life	30 minutes at 70°F
Set Time	6 hours at 70°F
Colors	Black, Gray, Tan, Blue-black, Red
Coverage	Dependent on tile size. See grout worksheet.
Shelf Life	2 years from date of manufacture.
Packaging	1 gallon plastic pails and pint activator

Packaging Description

SA1241 Sand and Resin in a pre-measured 1-gallon pail.

SB1241 Hardener in a pre-measured pint can.

EPMAR Corporation

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Surface Preparation

Surface should be clean and dry with a minimum profile of 3-4 mils.

Mixing

To mix SS1241, open the 1 gallon pail. Part A Resin is pre-mixed with sand. Pour Part B Hardener into the sand pre-mix. These are ¾ gallon units so ample space is available for mixing. Mix with an electric drill and a mixing head such as a “jiffy” type mixer. Scrape sides and bottom of can to insure proper mixing.

Application Methods

Spread mixture on deck or tile with a trowel. Even if all the material is not used immediately, the overall pot life is improved when the mixture is removed from the can. Clean up with warm, clean water. We do not recommend pre-sealing the tile. Do not cut with alcohol or other thinner as it will affect easy clean up of product.

Environment – Apply between 50°F-100°F and 5° above dew point. Pot life and cure time will vary depending upon ambient temperature conditions.

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 and 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 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.

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