



Epoxy &  
Polyurethane  
Manufacturing and  
Research

# TECHNICAL BULLETIN

## SynDeck® Epoxy Combo Grout SS1241

### Description

SynDeck® Epoxy Combo Grout (SS1241) is a 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 mixed
- Epoxy is USDA approved

### Performance

VOC	0 g/l
Ultimate Tensile Strength	*8500 psi
Tensile Elongation	*4.0%
Ultimate Flexural Strength	*13,250 psi
Compression Yield Strength	*12,200 psi
Hardness (Shore D)	*85

\* Data applies to epoxy component.

### Physical Characteristics

Volume Solids	100%
Mix Ratio	1:5.5 (by weight)
Pot Life	30 minutes @ 70°F
Set Time	6 hours @ 70°F
Colors	Black, Gray, Tan, Blue-black, Red
Coverage	Dependent on tile size. See grout worksheet
Shelf Life	12 months
Packaging	1 gal plastic pail & 1 pint activator

### Application Methods

#### Mixing –

To mix SS1241, open the 1 gallon pail. Part A Resin is premixed with sand. Pour Part B Hardener into the sand premix. These are ¾ gallon units so ample space is available for mixing. Mix with electric drill and a mixing head such as a Jiffy Mixer. Scrape sides and bottom of can to insure proper mixing. Spread mixture on deck or tile. 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 presealing the tile. Do not cut with alcohol or other thinner, it will affect easy cleanup of product.



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#### **Environment -**

Apply between 50°F - 100°F. 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. 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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