



Epoxy &  
Polyurethane  
Manufacturing and  
Research

# TECHNICAL BULLETIN

## SynDeck® Grout Sealer (SS1255)

### Description

SynDeck® Grout Sealer (SS1255) is a two component, high thixotropic index epoxy specifically designed to seal decks, floors and other surfaces where higher porosities may be of concern.

Outstanding features include:

- Moisture insensitive
- Flexibility relieves shock and stress
- Outstanding chemical and abrasion resistance
- Excellent adhesion
- Convenient mix ratio
- Fast set up
- Clear color

### Handling

Mix Ratio	1:1 (A:B) parts by volume
Mixed Viscosity	11,000 cps
Potlife (no sand)	20 minutes (100 grams @ 77°C)
Potlife (with sand)	40 minutes
Color	Clear
Coverage	200 ft <sup>2</sup> /gal

### Physical Characteristics

Ultimate Tensile Strength (psi)	7,000
Tensile Elongation (5%)	5
Ultimate Flexural Strength (psi)	7,000
Compressive Yield Strength (psi)	8,500
Coeff. Linear Expansion (in/in°F)	7.12 X 10 <sup>-5</sup>
Coeff. Linear Expansion (with aggregate)	2.05 X 10 <sup>-5</sup>
Tack Free Time (thin film)	3 hrs at 77°F
Adhesion to Concrete	100% failure of concrete
Water Absorption:	Less than .12%
Hardness, Shore D	71
Acid Absorption, % (38% H <sub>2</sub> SO <sub>4</sub> 7 days @ 150°F [65°C])	3.10



Epoxy &  
Polyurethane  
Manufacturing and  
Research

## TECHNICAL BULLETIN

### SynDeck® Grout Sealer (SS1255)

#### Availability

Packaged in two gallon units, four gallon units, ten gallon units, and drum units. For more information, including prices, call EPMAR CORPORATION (562) 946-8781.

#### Application Methods

If needed, special technical bulletins are available from EPMAR CORPORATION on PREPARATION OF CONCRETE FOR APPLICATION OF EPOXIES, USING EPOXIES FOR OVERLAYS, and APPLICATION INSTRUCTIONS FOR STA-CRETE EPOXY BINDERS.

#### 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**

#### **Epmar Corporation**

13210 Barton Circle, Santa Fe Springs, CA 90605-3254

Ph: 562.946.8781 / Fax: 562.944.9958

E-Mail: [epmar@quakerchem.com](mailto:epmar@quakerchem.com) Web Site: [www.epmar.com](http://www.epmar.com)