PRODUCT DATA SHEET

SE-d Primecoat



PRODUCT PROFILE

GENERIC DESCRIPTION

Solvent-Based Polyamine Epoxy

COMMON USAGE

SE-d Primecoat is designed as a two-component polyamine epoxy primer and sealer for concrete. SE-d Primecoat is formulated to interact and bond with slightly damp concrete, saturated surface dry (SSD). SE-d Primecoat promotes sealing, allowing subsequent top coating while mitigating outgassing and chemical penetration. The low viscosity of the SE-d Primecoat will allow for deep penetration to form a suitable base for subsequent topcoats of grouts, mortars, and other polymer coating and lining systems.

COLORS

Clear

FINISH

Semi-gloss

COATING SYSTEM

TOPCOATS

Series 451, 456, CPP Trowel-Liner, Uroflex

SURFACE PREPARATION

CONCRETE, BRICK OR MASONRY

Allow new cast-in-place concrete to cure a minimum of 28 days at 75°F (24°C). Prepare concrete surfaces in accordance with NACE No. 6/SSPC-SP13 Joint Surface Preparation Standards and ICRI Technical Guidelines. Abrasive blast, shotblast, water jet or mechanically abrade concrete surfaces to remove laitance, curing compounds, hardeners, sealers and other contaminants and to provide a minimum ICRI-CSP 5 surface profile.

ALL SURFACES

Must be clean, dry and free of oil, grease and other contaminants.

TECHNICAL DATA

VOLUME SOLIDS

 $74.0 \pm 2.0\%$ (mixed)

RECOMMENDED DFT

5.0 to 8.0 mils (125 to 205 microns) per coat. **Note:** Number of coats and thickness requirements will vary with substrate, application method and exposure. Contact your Tnemec representative.

CURING TIME

Temperature To Recoat	
77°F (25°C)	30 minutes to 1 ½ hours

Note: Apply the topcoat while tacky. Do not let the primer dry.

VOLATILE ORGANIC COMPOUNDS (VOCs)

2.0 lbs/gallon (239 grams/litre)

THEORETICAL COVERAGE

1220 sq. ft. per mil per gallon. See APPLICATION for coverage rates.

NUMBER OF COMPONENTS

Two: Part A (epoxy) and Part B (amine).

MIXING RATIO

By volume: one (Part A) to one (Part B).

PACKAGING

	Part A	Part B	Yield (mixed)
Small Kit	1 gallon can	1 gallon can	2.0 gallons (7.57 L)

NET WEIGHT PER GALLON

 8.40 ± 0.30 lbs $(3.8 \pm 0.13 \text{ kg})$ (mixed)

STORAGE TEMPERATURE

Prior to application, the material temperature should be between 70°F and 80°F (21°C and 27°C). It is suggested the material be stored at these temperatures at least 48 hours prior to use.

© June 17, 2024 by Epoxytec LLC PDSSED PAGE 1 OF 2



PART OF THE TNEMEC FAMILY OF COATINGS 123 West 23rd Avenue, North Kansas City, MO 64116 USA +1816-473-3400 epoxytec.com

TECHNICAL DATA (cont.)

18 months at recommended storage temperature.

FLASH POINT - SETA

45°F (7°C)

HEALTH AND SAFETY

This product contains chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product. Keep out of the reach of children.

APPLICATION

COVERAGE RATES

	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m²/Gal)
Minimum	5.0 (125)	7.0 (180)	237 (22.1)
Maximum	8.0 (205)	11.0 (280)	148 (13.8)

MIXING

Mix the entire contents of Part A and Part B separately. Scrape all of the Part B into the Part A pail by using a flexible spatula. Use a variable speed drill with a PS Jiffy blade and mix the blended components for a minimum of two minutes. Apply the mixed material within pot life limits after agitation.

THINNING

Do not thin.

POT LIFE

25 min at 75°F (24°C)

APPLICATION EQUIPMENT

Roller: Use 3/8" or 1/2" (9.5 mm to 12.7 mm) high quality

synthetic woven nap covers. Do not allow material to puddle.

Air Spray Application: Contact Tnemec Technical Services.

SURFACE TEMPERATURE

Minimum 45°F (7°C) Maximum 100°F (38°C)

CLEANUP

Purge and clean with Epoxytec Cut 5 solvent, Tnemec No. 42 Thinner, or MEK.

© June 17, 2024 by Epoxytec LLC

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Epoxytec LLC warrants only that its coatings represented herein meet the formulation standards of Epoxytec LLC. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Epoxytec LLC shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Epoxytec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Epoxytec makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.