

PRODUCT DATA SHEET

SE-d Primecoat



PRODUCT PROFILE

GENERIC DESCRIPTION

Solvent-Based Polyamine Epoxy

COMMON USAGE

SE-d Primecoat is designed as a performance, 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 helping to mitigate low moisture vapor transmission (MVT), outgassing, and chemical penetration. The low viscosity of the SE-d Primecoat will allow for deep penetration to form a suitable base for subsequent top coats of grouts, mortars, and other 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, shot-blast, 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 ± 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 ± 0.13 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.



TECHNICAL DATA (cont.)**SHELF LIFE**

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 Mil (Microns)	Wet Mil (Microns)	Sq Ft/Gal (m ² /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 Themec Technical Services.

SURFACE TEMPERATURE

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

CLEANUP

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