



PRODUCT PROFILE

GENERIC DESCRIPTION Modified Polyamine Epoxy

COMMON USAGE A clear finish with an orange peel texture for diffusing light and reducing glare. Used as an optional finish for decorative color quartz or flake filled flooring systems.
Coves and Vertical Surfaces: Series 285 can be used to build grout and seal vertical surfaces such as 4" base and wainscot.

COLORS Clear. **Note:** Epoxies chalk and yellow with age, extended exposure to UV and artificial lighting. Caution should be taken when selecting white and light pastel colors. Lack of ventilation, incomplete mixing, miscatalyzation or the use of heaters that emit carbon dioxide and carbon monoxide during application and initial stages of curing may cause amine blush, possibly affecting adhesion of subsequent topcoats.

FINISH Orange Peel

COATING SYSTEM

INTERMEDIATE TOPCOATS Series 284 **Note:** Series 222, 223, 224, 237, 238 should be coated with 285 only after a grout coat of 284 has been applied.
Series 247, 248, 294, 295, 296

SURFACE PREPARATION

ALL SURFACES Prepare surfaces by method suitable for exposure and service. Refer to the StrataShield Installation and Application Guide for floors or the appropriate primer product data sheet for specific recommendations.
Must be clean, dry and free of oil, grease and other contaminants.

TECHNICAL DATA

VOLUME SOLIDS 100% (mixed)

RECOMMENDED DFT 4.0 to 6.0 mils (100 to 150 microns) per coat.

CURING TIME

Temperature	To Recoat	To Place in Service
75°F (24°C)	12-24 hours	24 hours

Note: This product is not normally topcoated, but should there be a reason and more than 24 hours have elapsed between coats, the coated surface must be mechanically abraded before topcoating.

VOLATILE ORGANIC COMPOUNDS **Unthinned:** 0.17 lbs/gallon (20 grams/litre)

THEORETICAL COVERAGE 1,604 mil sq ft/gal (36.2 m²/L at 25 microns). See APPLICATION for coverage rates.

NUMBER OF COMPONENTS Two: Part A and Part B

MIXING RATIO By volume: Two (Part A) to one (Part B)

PACKAGING KITS CONSIST OF:

	PART A	PART B	When Mixed Yield
Large Kit	2-5 gallon pails	1-5 gallon pail	15 gallons (56.8 L)
Small Kit	2-1 gallon cans	1-1 gallon can	3 gallons (11.4 L)

NET WEIGHT PER GALLON 9.27 ± 0.25 lbs (4.20 ± .11 kg) (mixed)

STORAGE TEMPERATURE Minimum 40°F (4°C) Maximum 90°F (32°C)
Prior to application, the material temperature should be between 70°F and 90°F (21°C and 32°C).

TEMPERATURE RESISTANCE (Dry) Continuous 250°F (121°C) Intermittent 275°F (135°C)

SHELF LIFE 12 months at recommended storage temperature.

FLASH POINT - SETA Part A: N/A Part B: N/A

HEALTH & 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.

SATINGLAZE® | SERIES 285

APPLICATION

COVERAGE RATES Before commencing, obtain and thoroughly read the StrataShield Installation and Application Guide for floors.

Dry Mills (Microns)	Wet Mills (Microns)	Sq Ft/Gal (m ² /Gal)
4.0-6.0 (100-150)	4.0-6.0 (100-150)	401-267 (37.3-24.8)

Allow for surface irregularities and waste. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry mil thickness may adversely affect coating performance.

MIXING Using a variable speed drill with a PS Jiffy blade, slowly add 1 part B to 2 parts A while the Part A is under agitation and mix for a minimum of two minutes.

Note: A large volume of material will set up quickly if not applied or reduced in volume.

Caution: Do not reseal mixed material. An explosion hazard may be created.

THINNING Normally not required.

POT LIFE 25 to 30 minutes at 75°F (24°C)
Higher material temperatures will significantly reduce the pot life.

APPLICATION EQUIPMENT Brush, roller, squeegee, trowel. Squeegee or trowel and backroll. Brush small areas only. For detailed instructions refer to the StrataShield Installation and Application Guide for floors.

TEMPERATURE REQUIREMENT For optimum application, handling and performance, the surface, air and material temperatures during application should be between 70°F and 90°F (21°C and 32°C). For application below 70°F (21°C), contact your Tnemec representative for instructions and precautions. The substrate temperature should be dry and at least 5°F (3°C) above the dew point. Temperature will affect the workability. Cool temperatures increase viscosity and decrease workability.

CLEANUP Flush and clean all equipment immediately after use with xylene or MEK.

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