



# TECHNICAL DATA SHEET

# SUPERTHANE

## PRODUCT DESCRIPTION

The Concrete Protector's SuperThane is a clear, polyurea topcoat, designed for use with the Graniflex system. It will perform as a single component sealer, however it is recommended to add 5% - 10% PermaFlex accelerator to speed up cure and assist cure in low temperature and low humidity environments.

**STANDARD COLORS:** CLEAR  
**OTHER COLORS ALSO AVAILABLE:** N/A  
**REVISION DATE:** April 15, 2021

## CURE SCHEDULE (70°) 5% -10% ACC

**POT LIFE (1.5 GAL VOLUME):** 4-6hrs - 2-4hrs - 1-2hrs

**TACK FREE (DRY TO TOUCH):** 7-9hrs - 4-6hrs - 3-5hrs

**RECOAT OR TOPCOAT:** 16-36hrs - 8-24hrs 6-24hrs

**LIGHT FOOT TRAFFIC:** 24-36hrs

**FULL CURE:** 28 days

## COVERAGE

Recommended for showrooms, warehouses, labs, most indoor/ outdoor areas with chemical exposures, swimming pool decks, driveways, parking garages, vehicular and heavy pedestrian traffic.

**COVERAGE PER GALLON:** 100-240 sq. ft. per gallon

**MIX RATIO:** One component w/accelerator

**RECOMMENDED FILM THICKNESS:** Under 25 mils per coat

**PACKAGING INFORMATION:** 1 gallon and 5 gallon

## PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** No cracks on 1/8" mandrel

**COMPRESSIVE STRENGTH:** N/A

**TENSILE STRENGTH:** 7500 psi

**ADHESION:** 350 psi @ elcometer (concrete failure, no delaminating)

**VISCOSITY:** 300-600 CPS

**ABRASION RESISTANCE:** 1000 gram total load and 500 cycles = 4.6 mg loss

**ULTIMATE ELONGATION:** 200%

**HARDNESS:** 70 Shore D ± 5

**VOLATILE ORGANIC CONTENT:** 2.80lb per gallon 336gm/liter

**SHELF LIFE:** 6 months in unopened containers

## CHEMICAL RESISTANCE

N/A

## LIMITATIONS

- Not for use in California. For best results, apply a 3/8" nap roller
- Substrate temperature must be 5°F above dew point
- All new concrete must be cured for at least 30 days prior to application
- The concrete and joints must be thoroughly dry prior to application
- Applying the product thicker than recommended may result in product failure and bubbling
- Not recommended to apply directly to concrete without a suitable primer
- Physical properties are typical values and not specifications

## BENEFITS

- Very Durable
- Excellent Weatherability
- Seamless Waterproofing Membrane
- UV Resistant for Superior Gloss Retention



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### INSTRUCTIONS

- 1) Premix until well blended
- 2) Accelerate the amount of product which is intended for use with PermaFlex accelerator, blend well
- 3) Apply to surface using a 3/8" roller or or 1/8" notched squeegee

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