



# TECHNICAL DATA SHEET

## EPOXY NEAT COAT

### PRODUCT

The Concrete Protector Neat Coat is a 100% solids, two-component, low VOC, Cycloaliphatic amine epoxy with excellent durability.

**STANDARD COLORS:** Clear

**OTHER COLORS ALSO AVAILABLE:** N/A

### CURE SCHEDULE (75°)

**POT LIFE (1.5 GAL Volume)** 25 Minutes

**TACK FREE (DRY TO TOUCH)** 8 hours

**RECOAT OR TOPCOAT** 10 hour Min  
20 hours Max

**LIGHT FOOT TRAFFIC** 24-30 hours

**FULL CURE** 7-10 days

### COVERAGE

Recommended for seamless high build applications and for use with our Metallic Marble system.

**COVERAGE PER GALLON:** 100-200 sq ft @ 16-8 mils for Primer  
80-100 sq ft @ 20-16 mils for Finish Coat

**MIX RATIO:** 2 to 1

**RECOMMENDED FILM THICKNESS:** 8-12 Mils Prime Coat  
16 Mils Finish Coat

**PACKAGING INFORMATION:** 1.5, 3, 7.5 and 15, 165, 825 Gallon Kits

### PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** N/A

**COMPRESSIVE STRENGTH:** 6500

**TENSILE STRENGTH:** 5400 psi@ ASTM D 638

**ADHESION:** N/A

**VISCOSITY:** Mixed 1000 CPS

**ABRASION RESISTANCE:** 0.10 mg loss

**ULTIMATE ELONGATION:** 6.6%

**HARDNESS:** D=86-90

**VOLATILE ORGANIC CONTENT:** 40 g/liter

**SHELF LIFE:** 1 year in unopened containers

### CHEMICAL RESISTANCE

REAGENT	RATING
METHANOL	A
MEK	A
70% SULFURIC ACID	A
SKYDROL B4	B
5% ACETIC ACID	B
BUTANOL	C
XYLENE	C
GASOLINE	C
ETHYLENE ALCOHOL	C
10% SULFURIC ACID	C
10% HCl	C
50% SODIUM HYDROXIDE	D
10% SODIUM HYDROXIDE	E

RATING KEY: A - NOT RECOMMENDED, B - 2 HOUR TERM SPLASH SPILL, C - 8 HOUR TERM SPLASH SPILL, D - 72 HOUR IMMERSION, E - LONG TERM IMMERSION.

NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION IS AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

## LIMITATIONS

### Due to High Chemical Resistance Cannot Top Coat with Polyaspartics or Graniseal.

All new concrete must be cured 28 days.

Humidity may cause a haze visible in the sheen. When using a clear to topcoat this will disappear. Coverage rates depend upon many conditions, including application method, surface porosity, applicator.

Be aware that this product may be slippery when wet.

Do not apply at temps below 50F or above 85F

Application without using a moisture vapor barrier has a risk of detachment by hydrostatic pressure.

Neat Coat may darken the surface of many new and existing concrete substrates. Test prior to use.

*Do not apply a floor coating when the dew point temperature is within 5° F (3°C) of surface temperature.*

## INSTRUCTIONS

**PRODUCT MIXING:** Kits come premeasured. 2 Parts A to 1 Part B

**SURFACE PREPARATION:** Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

**CLEANUP:** Use xylol

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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