



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.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR

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