



# TECHNICAL DATA SHEET

## CP-EP

### PRODUCT DESCRIPTION

The Concrete Protector CP-EP is a two component, epoxy crack filler and is best suited for shallow repair.

**STANDARD COLORS:** Gray when mixed.

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

### CURE SCHEDULE (70°)

**POT LIFE (1.5 GAL Volume)** 1-4 hours

**TACK FREE (DRY TO TOUCH)** 6-10 hours

**RECOAT OR TOPCOAT** Immediately

**LIGHT FOOT TRAFFIC** 11-22 hours

**FULL CURE** 28 days

### COVERAGE

Recommended for repairing cracks.

**COVERAGE PER GALLON:** 1220 linear feet @ 1/8"

**MIX RATIO:** 1:1 by volume

**RECOMMENDED FILM THICKNESS:** 1/8" cracks

**PACKAGING INFORMATION:** 2 Gallon Kits

### PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** 7,200 psi @ ASTM D790

**COMPRESSIVE STRENGTH:** 8,700 psi @ ASTM D695

**TENSILE STRENGTH:** 6,250 psi @ ASTM D638

**ADHESION:** 325 psi @ elcometer (concrete failure, no delaminating)

**VISCOSITY:** Mixed= 3,000 cps (typical, most colors)

**ABRASION RESISTANCE:** 1000 gram total load and 500 cycles = 35 mg loss

**ULTIMATE ELONGATION:** 2.5%

**HARDNESS:** Shore D= 60

**VOLATILE ORGANIC CONTENT:** 0# per gallon

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

### CHEMICAL RESISTANCE

| REAGENT               | RATING |
|-----------------------|--------|
| 1,1,1 TRICHLOROETHANE | A      |
| MEK                   | A      |
| METHANOL              | A      |
| ETHYL ALCOHOL         | A      |
| 70% SULFURIC ACID     | A      |
| 5% ACETIC ACID        | A      |
| XYLENE                | B      |
| SKYDROL               | B      |
| BUTANOL               | 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

Substrate temperature must be 5°F above dew point.

All new concrete must be cured for at least 30 days prior to application.

Color stability or gloss may be affected by environmental conditions such as high humidity or chemical exposure.

Physical properties are typical values and not specifications.

Curing is inhibited with temperature below 60 degrees

Colors may vary from batch to batch.

## INSTRUCTIONS

**PRODUCT MIXING:** This product has a mix ratio of 1 Part 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 LIABILITY

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