



TECHNICAL DATA SHEET POLY HARD

PRODUCT DESCRIPTION

The Concrete Protector's Poly Hard is a 3 part urethane polymer product with self leveling qualities. It is extremely heavy duty and is applied at 1/8" thickness.

STANDARD COLORS: Dark Grey, Charcoal, Red, Blue, Grey, Green

OTHER COLORS ALSO AVAILABLE: N/A

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 10-20 minutes

TACK FREE (DRY TO TOUCH) 5-8 hours

RECOAT OR TOPCOAT N/A

LIGHT FOOT TRAFFIC N/A

FULL CURE 28 days

COVERAGE

Recommended for Cage Wash areas, bottling areas, warehouses, mechanical rooms, restaurants, food processing areas, chemical processing, bakeries.

COVERAGE PER KIT: 60 sq.ft./kit @ 1/8" thick
30 sq.ft./kit @ 1/4" thick

MIX RATIO: 3 Component Kit

RECOMMENDED FILM THICKNESS: 1/4 to 1/8"

PACKAGING INFORMATION: Kit of Part A (resin) Part B (hardener) Part C (aggregate)

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: ASTM C-580=3800 psi

COMPRESSIVE STRENGTH: ASTM C-579=6500 psi

TENSILE STRENGTH: ASTM C-307=1000 psi

ADHESION: ASTM D-7234=>400 psi, Concrete Failure

VISCOSITY: N/A

ABRASION RESISTANCE: ASTM D-4060=80 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: ASTM D-2240=80D

VOLATILE ORGANIC CONTENT: < 5g/l

SHELF LIFE: 6 month in unopened containers

CHEMICAL RESISTANCE

| REAGENT | PERFORMANCE |
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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.

ADVANTAGES

- High tolerance to moisture vapor.
- Superior impact resistance.
- Meets USDA, FDA, and CFIA Standards.
- Meets California VOC and SCAQMD
- Cold Temps Application

INSTRUCTIONS

PRODUCT MIXING:

1. Pour Part A into a 5-gallon pail. Make sure the entire content of Part A is completely drained.
2. Add Part B to Part A
3. Mix Part A and Part B together use a high speed drill (800 RPM) with a 5" Jiffy type-blade for at least 30 seconds.
4. Gradually add Part C and mix continuously for at least 2 minutes until a homogenous mix is attained. Move the blade around continuously to ensure the mixture is completely mixed and uniform.

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

CLEANUP: Use ketone solvents

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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