



TECHNICAL DATA SHEET

DIAMOND TOP

PRODUCT DESCRIPTION

The Concrete Protector's Diamond Top is a three component, high solids, high wear urethane top coat.

STANDARD COLORS: Clear

OTHER COLORS ALSO AVAILABLE: Color Packs can be added

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 1-3 hours

TACK FREE (DRY TO TOUCH) 4-7 hours

RECOAT OR TOPCOAT 7-11 hours

LIGHT FOOT TRAFFIC 24 hours

FULL CURE 28 days

COVERAGE

Recommended for commercial and industrial floors.

COVERAGE PER GALLON: 500 sq ft per gallon

MIX RATIO: 1 Pint Part A to 0.7 gallons Part B plus 3# aggregate makes 1 gallon

RECOMMENDED FILM THICKNESS: 3.5 mils

PACKAGING INFORMATION: 1 Gallon Kit

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: No cracks on 1/8" mandrel

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: N/A

ADHESION: 400psi @ elcometer

VISCOSITY: 950-2100 cps

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = 14-20 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: N/A

VOLATILE ORGANIC CONTENT: Less than 150 grams per liter

SHELF LIFE: 6 months in unopened containers

CHEMICAL RESISTANCE

REAGENT	RATING
MEK	B
5% ACETIC ACID	C
20% NITRIC ACID	C
GASOLINE	D
50% SODIUM HYDROXIDE	D
10% SULFURIC ACID	D
10% HYDROCHLORIC ACID	D
ETHYLENE GLYCOL	D

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

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.

Physical properties are typical values and not specifications.

Material has to be applied precisely at 500 sq ft per gallon uniformly for proper appearance and development of physical properties.

INSTRUCTIONS

PRODUCT MIXING: There are 3 components to this product. Part A should be mixed with Part B thoroughly and then Part C is added to that mix. This product comes prepackaged and should be used to its entirety.

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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