



TECHNICAL DATA SHEET

ProtectorThane

PRODUCT DESCRIPTION

The Concrete Protector's ProtectorThane is a two component polyurethane sealer that has excellent characteristics for flexibility, chemical resistance, weathering and UV stability.

STANDARD COLORS: Med Gray, Dark Tan, Black
OTHER COLORS ALSO AVAILABLE: Upon Request

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 2-4 hours

TACK FREE (DRY TO TOUCH) 2-5 hours

RECOAT OR TOPCOAT 5-9 hours

LIGHT FOOT TRAFFIC 18-24 hours

FULL CURE 28 days

COVERAGE

Recommended for auto service centers, warehouses, computer rooms, labs, exterior tanks, indoor and outdoor service centers.

COVERAGE PER GALLON: 300-500 sq ft @ 3-5 mils

MIX RATIO: 2 Parts A to 1 Part B

RECOMMENDED FILM THICKNESS: 3-5 mils

PACKAGING INFORMATION: 3 gallon and 15 gallon kits

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: No cracks on 1/8" mandrel

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: N/A

ADHESION: 350 psi @ elcometer

VISCOSITY: 200-500 cps

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = 19 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: D=70

VOLATILE ORGANIC CONTENT: Less than 4.0 pounds per gallon

SHELF LIFE: 1 year in unopened containers

CHEMICAL RESISTANCE

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

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.

Applications in direct sunlight, high humidity or high temperature may cause surface curing before air release has occurred.

Physical properties are typical values and not specifications.

Light or bright colors may require multiple coats.

Tire contact may cause staining and discoloration.

INSTRUCTIONS

PRODUCT MIXING: Two to one mix ratio by volume. Mix two gallons Part A to 1 gallon Part B

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

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