



TECHNICAL DATA SHEET

ProtectorThane 1000

PRODUCT DESCRIPTION

The Concrete Protector's P1000 is a one component, moisture cured polyurethane, floor coating sealer.

STANDARD COLORS: Clear

OTHER COLORS ALSO AVAILABLE: N/A

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 4-6 hours

TACK FREE (DRY TO TOUCH) 5-7 hours

RECOAT OR TOPCOAT 10-14 hours

LIGHT FOOT TRAFFIC 12-24 hours

FULL CURE 28 days

COVERAGE

Recommended showrooms, warehouses, labs, and most indoor areas with chemical exposures.

COVERAGE PER GALLON: 400-700 sq ft @ 2-4 mils

MIX RATIO: One component

RECOMMENDED FILM THICKNESS: 2-4 mils

PACKAGING INFORMATION: 1 gallon and 5 gallon

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: No cracks on 1/8" mandrel

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: N/A

ADHESION: 350 psi @ elcometer (concrete failure, no delaminating)

VISCOSITY: Less than 150 cps

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = 4.6 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: 2H

VOLATILE ORGANIC CONTENT: 2.9 pounds per gallon

SHELF LIFE: 3 months 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

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.

The concrete and joints must be thoroughly dry prior to application. Applying the product thicker than recommended may result in product failure.

Physical properties are typical values and not specifications.

INSTRUCTIONS

PRODUCT MIXING: This product is a one component product. Before using stir well.

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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