



TECHNICAL DATA SHEET

ProtectorThane ColorCoat

PRODUCT DESCRIPTION

The Concrete Protector's ProtectorThane Color Coat is a two component polyurethane coating.

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

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 2-5 hours

TACK FREE (DRY TO TOUCH) 3-6 hours

RECOAT OR TOPCOAT 5-10 hours

LIGHT FOOT TRAFFIC 24 hours

FULL CURE 28 days

COVERAGE

Recommended for commercial and industrial floors.

COVERAGE PER GALLON: 300-475 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: 400psi @ elcometer

VISCOSITY: 150-550 cps

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = 21 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: D=60

VOLATILE ORGANIC CONTENT: Less than 3# per gallon

SHELF LIFE: 1 year in unopened containers

CHEMICAL RESISTANCE

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

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.

Slab on grade requires moisture barrier.

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

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 soap and water

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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