



TECHNICAL DATA SHEET

WB ProtectorThane Satin

PRODUCT

The Concrete Protector's WB ProtectorThane Satin is a two component satin water-based polyurethane.

STANDARD COLORS: Clear
OTHER COLORS ALSO AVAILABLE: N/A

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume) 1-2 hours

TACK FREE (DRY TO TOUCH) 8-10 hours

RECOAT OR TOPCOAT 9-11 hours

LIGHT FOOT TRAFFIC 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: 300-475 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: >300 psi @ elcometer

VISCOSITY: 450-650 cps

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = 24 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: N/A

VOLATILE ORGANIC CONTENT: 36 grams/liter

SHELF LIFE: 6 months in unopened containers

CHEMICAL RESISTANCE

REAGENT	RATING
MEK	B
METHYL ALCOHOL	B
5% ACETIC ACID	C
20% NITRIC ACID	C
XYLENE	D
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.

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.

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