



TECHNICAL DATA SHEET

HB Epoxy Color Coat SL

PRODUCT DESCRIPTION

The Concrete Protector HB Epoxy Color Coat SL is a two component colored epoxy and its designed where a high build chemical resistant floor is needed.

STANDARD COLORS: White, Gray, Red, Tan
OTHER COLORS ALSO AVAILABLE: Upon Request

CURE SCHEDULE (70°)

POT LIFE (1.5 GAL Volume)	20-35 mins
TACK FREE (DRY TO TOUCH)	6-8 hours
RECOAT OR TOPCOAT	8-15 hours
LIGHT FOOT TRAFFIC	13-17 hours
FULL CURE	28 days

COVERAGE

Recommended for a high build topcoat on concrete.

COVERAGE PER GALLON: 51-104 sq ft per gal @ 14-28 mils

MIX RATIO: 1 gallon Part A to .5 gallon Part B by volume

RECOMMENDED FILM THICKNESS: 14-28 mils

PACKAGING INFORMATION: 3 Gallon and 15 Gallon Kits

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: 11,500 psi @ ASTM D790

COMPRESSIVE STRENGTH: 13,200 psi @ ASTM D695

TENSILE STRENGTH: 7,800 psi @ ASTM D 638

ADHESION: 415 psi

VISCOSITY: 1400-2200 cps

ABRASION RESISTANCE: 18 mg loss

ULTIMATE ELONGATION: N/A

HARDNESS: D=90

VOLATILE ORGANIC CONTENT: Less than 0.5# per gallon

SHELF LIFE: 1 year in unopened containers

CHEMICAL RESISTANCE

REAGENT	RATING
MEK	A
METHANOL	A
20% NITRIC ACID	A
5% ACETIC ACID	B
1,1,1, TRICHLOROETHANE	B
SKYDROL	B
XYLENE	C
ETHYL ALCOHOL	C
10% SULFURIC ACID	C
10% HYDROCHLORIC ACID	C
10% SODIUM HYDROXIDE	E
50% 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.

Color stability or gloss may be affected by environmental conditions such as high humidity or chemical exposure.

Physical properties are typical values and not specifications.

Colors may vary from batch to batch.

This product is not UV color stable and may discolor when exposed to UV lighting.

INSTRUCTIONS

PRODUCT MIXING: Kits come premeasured. Mix ratio 1 Gallon Part A to 0.5 Gallon Part B

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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