



TECHNICAL DATA SHEET HEAVY COAT

HEAVY COAT

PRODUCT DESCRIPTION

The Concrete Protector Heavy Coat is a two component 100% solids colored epoxy.

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

CURE SCHEDULE (70°)

| | |
|----------------------------------|-------------|
| POT LIFE (1.5 GAL Volume) | 30-60 mins |
| TACK FREE (DRY TO TOUCH) | 6-9 hours |
| RECOAT OR TOPCOAT | 10-14 hours |
| LIGHT FOOT TRAFFIC | 13-18 hours |
| FULL CURE | 28 days |

COVERAGE

Recommended for a high build topcoat for concrete.

COVERAGE PER GALLON: 50-120 sq ft @ 11-25 mils

MIX RATIO: 1 Gallon Part A to 0.5 Gallon Part B by volume

RECOMMENDED FILM THICKNESS: 11-25 mils

PACKAGING INFORMATION: 3 Gallon and 15 Gallon Kits

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: 5,200 psi @ ASTM D790
COMPRESSIVE STRENGTH: 9,000 psi @ ASTM D695
TENSILE STRENGTH: 4,600psi @ ASTM D 638
ADHESION: 430 psi
VISCOSITY: 1200-2200 cps
ABRASION RESISTANCE: 32 mg loss
ULTIMATE ELONGATION: 2.9%
HARDNESS: D=80
VOLATILE ORGANIC CONTENT: 0# per gallon
SHELF LIFE: 1 year in unopened containers

CHEMICAL RESISTANCE

| REAGENT | RATING |
|----------------------|--------|
| METHANOL | A |
| 70% SULFURIC ACID | A |
| TRICHLOROETHYLENE | B |
| ETHYL ALCOHOL | B |
| SKYDROL | B |
| 5% ACETIC ACID | B |
| XYLENE | C |
| 10% SULFURIC ACID | C |
| 10% HCl | C |
| 50% SODIUM HYDROXIDE | 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.

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

The Concrete Protector (Division of Incredible Products, LLC), warrant that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The Concrete Protector is NOT liable for, direct or indirect, inadvertent or consequential damages. The Concrete Protector's liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM