



# TECHNICAL DATA SHEET

# STATIC DISSIPATING HIGH BUILD TOP COAT

## PRODUCT DESCRIPTION

The Concrete Protector's Static Dissipating High Build Top Coat provides excellent abrasion resistance, chemical resistance and static dissipative properties.

**STANDARD COLORS:** Gray  
**OTHER COLORS ALSO AVAILABLE:** Light Gray, Medium Gray  
**REVISION DATE:** July 20, 2021

### CURE SCHEDULE (75°)

**POT LIFE (1.5 GAL VOLUME):** 15-30 min  
**TACK FREE (DRY TO TOUCH):** 3-5 hours  
**RECOAT OR TOPCOAT:** Not recommended  
**LIGHT FOOT TRAFFIC:** 8-12 hours  
**FULL CURE:** 2-5 days

### COVERAGE

Recommended for computer rooms, laboratories, hospitals, chemical plants, solvent storage facilities and exposure areas with regard to concrete, cement, masonry or metal

**COVERAGE PER GALLON:** 64 square feet per gallon @ 25 mils

**MIX RATIO:** 2 parts Part A to 1 part Part B

**RECOMMENDED FILM THICKNESS:** 25 mils wet thickness. (Do not apply thicker than 30 mils or less than 20 mils)

**PACKAGING INFORMATION:** 3 gallon kit

## PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** 12,400 psi @ ASTM D790  
**COMPRESSIVE STRENGTH:** 10,600 psi @ ASTM D695  
**TENSILE STRENGTH:** 8,100 psi @ ASTM D638  
**ADHESION:** 350 psi @ elcometer (concrete failure, no delamination)  
**VISCOSITY:** 1,000-2,000 cps  
**ABRASION RESISTANCE:** Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 20 mg loss  
**HARDNESS:** Shore D= 75  
**VOLATILE ORGANIC CONTENT:** Less than 0.50 pounds per gallon

## CHEMICAL RESISTANCE

### REAGENT RATING

**Xylene:** B

**Gasoline:** C

**50% Sodium Hydroxide:** E

**10% Sulfuric Acid:** D

**70% Sulfuric Acid:** D

**10% HCl (aq):** D

**20% Nitric Acid:** C

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.

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## LIMITATIONS

- Color or gloss may be affected by high humidity, chemical exposure, application method or certain types of lighting such as sodium vapor or UV light.
- Slab on grade requires a moisture barrier.
- Substrate temperature must be 50 F above dew point.
- All new concrete must be cured for at least 30 days.
- Product color will vary from batch to batch.
- Do not topcoat over the primer until the resistance is 106 ohms or lower.
- This product is not UV color stable

## BENEFITS

- Provides excellent abrasion resistance
- Provides excellent chemical resistance
- Provides excellent static dissipative properties
- Will retain conductive properties regardless of temperature

## INSTRUCTIONS

- 1) Pre-mix Part A and Part B separately
- 2) Combine 2 parts Part A and 1 part Part B, mix thoroughly with a low speed drill until well blended and streak free
- 3) Apply to surface using a brush or 3/8" nap roller

## NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY:

The Concrete Protector (Division of Incredible Products, LLC), warrants 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

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