



TECHNICAL DATA SHEET

ANTISTATIC CONDUCTIVE PRIMER

PRODUCT DESCRIPTION

The Concrete Protector's AntiStatic Conductive Primer was specifically developed as a base coat for The Concrete Protector's Static Dissipating Urethane and provides static dissipative properties

STANDARD COLORS: Grey
OTHER COLORS ALSO AVAILABLE: Light Grey, Medium Grey, Tile Red
REVISION DATE: July 20, 2021

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): 1-3 hours

TACK FREE (DRY TO TOUCH): 1-3 hours

RECOAT OR TOPCOAT: Do not topcoat the primer until the electrical resistance is 106 ohms of resistance or lower. In some instances, it will require 24 hours to achieve proper conductivity before topcoating. (test before topcoating)

LIGHT FOOT TRAFFIC: 3-6 hours

FULL CURE: 2-7 days

COVERAGE

Recommended for computer rooms, laboratories, aircraft hangers, chemical plants, solvent storage areas & chemical areas with regard to concrete, cement, brick, masonry or metal.

COVERAGE PER GALLON: 229 to 320 square feet @ 5-7 mils wet thickness

MIX RATIO: 1 part Part A to 1 part Part B

RECOMMENDED FILM THICKNESS: 5-7 mils per coat wet thickness (yields 3 mils dry)

PACKAGING INFORMATION: 2 gallon kit, 10 gallon kit

PHYSICAL PROPERTIES

ADHESION: 380 psi @ elcometer (concrete failure, no delamination)

VISCOSITY: 500-1500 cps

ABRASION RESISTANCE: Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 23.0 mg loss

VOLATILE ORGANIC CONTENT: 3.63 pounds per gallon

SHELF LIFE: 1 year in unopened containers

IMPACT RESISTANCE: Gardner Impact, direct= 50 in. lb. (passed)

FLEXIBILITY: No cracks on a 1/8" mandrel

SHELF LIFE: 1/2 year in unopened containers

CHEMICAL RESISTANCE

REAGENT RATING

Xylene: D

Gasoline: D

50% Sodium Hydroxide: D

10% Sulfuric Acid: D

10% Hydrochloric Acid:

20% Nitric Acid: C

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.



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LIMITATIONS

- Colors may be affected by high humidity, chemicals, temperatures or exposure to certain types of lighting such as sodium vapor lights.
- Slab on grade requires a moisture barrier.
- Substrate temperature must be 5 F above dew point.
- All new concrete must be cured for at least 30 days.
- Product color will vary from batch to batch.
- Too thick of an application may result in product failure.
- Do not topcoat the primer until the electrical resistance is 106 ohms of resistance or lower

BENEFITS

- Provides excellent abrasion resistance
- Provides excellent chemical resistance
- Provides excellent static dissipative properties
- Will retain conductive properties regardless of temperature
- Performs well at all humidity levels

INSTRUCTIONS

- 1) Pre-mix Part A and Part B separately
- 2) Combine 1 part 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

WARNING: Antistatic flooring cannot protect against discharges from utility power. If the danger of coming in contact with the power mains is possible, the users must follow the usual electrical safety procedures precisely. Although this publication describes how clients may apply our products to achieve antistatic flooring and the information is based on our knowledge's present state, all recommendations are made without liability on our part. Since our products' actual application is not in our hands and special conditions prevailing at a particular job site might negatively influence a floor's antistatic properties. Buyers and users of our products should make their own assessment of the floor's antistatic properties immediately after it has been installed and at regular intervals after that. We warrant that our products are manufactured according to specifications stated in our Technical Data Sheets (TDS). The information supplied by us is accurate to the best of our knowledge. Such information provided about our products is not a representation or a warranty. All information regarding antistatic flooring products is provided on the condition that users undertake their own testing to determine our product's suitability for their particular use case. Any use or application other than recommended use cases stated in our documentation is the user's sole responsibility. No warranty is made, expressed, or implied regarding such other information, the data on which it is based, or the results you will obtain from its use. No warranty is made, expressed, or implied that our product is merchantable or fit for any particular purpose. No warranty is made or implied that the use of any such information or product will not infringe upon any patent. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to our product's net selling price or the replacement of our product at our discretion. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with our products' sale. Our products contain chemicals that may cause serious injuries. Before using any of our products, read the SAFETY DATA SHEET (SDS) and follow all appropriate precautions to prevent bodily harm.