



TECHNICAL DATA SHEET

EPOXY PRIMER- CONDUCTIVE

PRODUCT DESCRIPTION

The Concrete Protector's Conductive Epoxy Primer is a two component solvent based epoxy primer which exhibits excellent characteristics for abrasion resistance and static dissipative properties.

STANDARD COLORS: Semi-Clear
OTHER COLORS ALSO AVAILABLE: Black
REVISION DATE: July 29th, 2021

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): 3-5 hours

TACK FREE (DRY TO TOUCH): 2-4 hours

RECOAT OR TOPCOAT: 15-24 hours

LIGHT FOOT TRAFFIC: 3-5 hours

FULL CURE: 2-7 days

COVERAGE

Recommended for priming concrete or masonry substrates prior to applying a suitable topcoat when static control is needed.

COVERAGE PER GALLON: 229 to 267 square feet @ 6-7 mils wet thickness

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

RECOMMENDED FILM THICKNESS: 6-7 mils per coat wet thickness (yields 3 mils dry)

PACKAGING INFORMATION: : 2 gal kit

PHYSICAL PROPERTIES

FLEXIBILITY: No cracks on a 1/8" mandrel

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

TENSILE STRENGTH: N/A

ADHESION: 400 psi @ elcometer (concrete failure, no delamination)

VISCOSITY: Mixed = clear @ 500-900 cps & black @ 250-400 cps (typical)

ABRASION RESISTANCE: Taber CS-17 wheel - 1000g total load and 500 cycles = 36.0 mg loss

VOLATILE ORGANIC CONTENT: Mixed (Clear = 3.55 pounds/gallon; Black = 3.74 pounds/gallon)

SHELF LIFE: 1/2 year in unopened containers

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CHEMICAL RESISTANCE

REAGENT RATING

Xylene: B

Gasoline: B

50% Sodium Hydroxide: D

10% Sulfuric Acid: C

10% Hydrochloric Acid: C

20% Nitric Acid: A

Ethylene Glycol: 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.
NOTE: extensive chemical resistance information is available through your sales representative

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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 50 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. In some instances, it will require 24 hours to achieve proper conductivity before topcoating. (test before topcoating).
- If temperatures are below 60 F, let the material induct for 15 minutes before applying.

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

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