



TECHNICAL DATA SHEET

STATIC DISSIPATING URETHANE

PRODUCT DESCRIPTION

The Concrete Protector's Static Dissipating Urethane is a two component aliphatic polyurethane floor coating which provides excellent characteristics for abrasion, chemical resistance, flexibility, weathering,

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

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): 2-4 hours
TACK FREE (DRY TO TOUCH): 5-6 hours
RECOAT OR TOPCOAT: Not recommended
LIGHT FOOT TRAFFIC: 7-12 hours
FULL CURE: 3-5 days

COVERAGE

Recommended for computer rooms, laboratories, aircraft hangers, exterior tanks, indoor or outdoor service and chemical exposure areas with regard to concrete, cement, brick, masonry or metal

COVERAGE PER GALLON: 320 to 500 square feet @ 3-5 mils wet thickness

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

RECOMMENDED FILM THICKNESS: 3-5 mils per coat wet thickness (yields 2-3 mils dry)

PACKAGING INFORMATION: 3 gallon kit, 15 gallon kit

PHYSICAL PROPERTIES

FLEXIBILITY: No cracks on a 1/8" mandrel
IMPACT RESISTANCE: Gardner Impact, direct & reverse = 150 in. lb. (passed)
SOLIDS BY VOLUME: Mixed= 63.8 (+,-2%)
ADHESION: 380 psi @ elcometer (concrete failure, no delamination)
VISCOSITY: 800-1100 cps
ABRASION RESISTANCE: Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 23.0 mg loss
HARDNESS: Shore D = 72
VOLATILE ORGANIC CONTENT: Less than 3.0 pounds per gallon

CHEMICAL RESISTANCE

REAGENT RATING

Xylene: E

Gasoline: D

50% Sodium Hydroxide: D

10% Sulfuric Acid: D

10% Hydrochloric Acid: D

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 or gloss may be affected by high humidity, low temperatures, chemical exposure, or exposure to lighting such as sodium vapor lights.
- Slab on grade requires moisture barrier
- Substrate temperature must be 5°F above dew point
- All new concrete must be cured for at least 30 days
- Tire contact may cause staining and discoloration
- Colors may vary from batch to batch.

BENEFITS

- Electroconductive properties will remain regardless of temperature and humidity
- Helps reduce static buildup not attainable from an unmodified urethane
- Provides excellent abrasion resistance
- Provides excellent chemical resistance
- Provides excellent static dissipative properties

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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