



EpoxySystems' Product #671

Conductive Primer/Sealer

Description

EpoxySystems' Product #671 is a low viscosity, two component, carbon filled, polyamide modified conductive primer/sealer formulated with special wetting agents to provide maximum penetration into concrete surfaces. Product #671 is ideal for both new and old concrete surfaces. Product #671 provides excellent resistance to wear, and can be used either alone or as a conductive sealer or as a conductive primer when used with EpoxySystems' product #674 Electro-Static Dissipating Urethane Topcoat and EpoxySystems' Conductive Systems.

Advantages

- Conductivity resistance range of 25,000 to 1,000,000 ohms
- Excellent adhesion to properly prepared concrete
- Abrasion resistant
- Good chemical resistance
- Minimizes dusting, staining, and dirt penetration

Considerations

- Contains solvent; do not use without adequate ventilation
- Do not use below 50°F
- Substrate must be structurally sound, clean and free from curing compounds and other contaminants
- Odor during application may taint foodstuff

Application

Surface Preparation: Concrete must be in sound condition and properly prepared per manufacturer's recommendations. Refer to EpoxySystems Surface Preparation Guidelines, available from EpoxySystems' Technical Support Department.

Mixing Instructions: Stir Part A (Resin) and part B (Hardener) with a power mixer. Allow 30 minutes before using. Remix. Mix only material needed for 4-6 hours

Installation: Product #671 produces the best results when applied with a medium napped shed resistant roller, like the type available from EpoxySystems. It may also be applied with brush, squeegee, and conventional or airless sprayer. Spread #671 at a rate of 200 sf per gallon to yield approximately 4 dry mils. **Check conductivity of the area prior to recoating.** If Product #671 is being used alone as a sealer the recommended dry film thickness of 8-10 mils (2 coats @ 200 sf per gallon). Roughen the surface if allowed to cure more than 24 hours between coats. Be sure to verify conductivity after completing installation.

Do not apply to surfaces below 50°F or above 120°F. Do not apply over damp or wet surfaces.

Cleanup

Clean up immediately with Xylene solvent. Remove from skin while still wet, wash with soap and water. Consult MSDS for safety and health precautions.

Technical Data

Color	Black
Gloss	Low sheen
Conductivity	25,000 – 1,000,000 ohms resistance
Coverage	200 square feet per gallon
Mix Ratio	1 Part A to 1 part B by volume
Application	Brush or Roller
Application Temperature	50°F to 120°F dry
Cure Time	16-24 Hours @75°F and 50% RH
Recoat Time	5-16 hours
VOC	442 g/L (48% ± 2% Solids)

Cautions

Flammable- Avoid all sources of ignition during mixing, application and curing

The Hardener, Part B, and mixture of Base, Part A, with Hardener, Part B, can cause skin and eye burns along with an allergic reaction.

EpoxySystems' Product #671 is sold without warranty as to performance expressed or implied. Personal testing is recommended to determine if the product is suitable for particular conditions.

See Material Safety Data Sheets for full safety precautions.

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