



PRODUCT DATA

WEARCOAT 495

Coatings For Industry, Inc. • 319 Township Line Road, Souderton, PA 18964 / 215-723-0919

Description

Pigmented, 100% solids, two-component epoxy primer

Colors

Gray.

Packaging

5 gallon kits and 1 gallon kits.

Uses

Wearcoat 495 is used as a high-build, low-odor epoxy floor primer and can be topcoated with most Wearcoat or Urethabond topcoats.

Technical Data

Number of Coats:	One, minimum
Volume Solids:	100%
Theoretical Coverage Rate:	200 sq.ft/gallon @ 8 mils
Recommended Dry Film Thickness:	8 mils per coat
Drying Time @ 70°F & 50% R.H.:	Recoat: 6 hrs. min., 48hrs. max.
Thinners:	No thinning is required
Cleaner:	CFI 704 Cleaner
Minimum Application Temperature:	55 °F.
Continuous Service Temperature	
Limitations:	180 °F. Dry
Pot Life @ 70 °F. & 50% R.H.:	30 minutes
Shelf Life:	One year if unopened
Induction Time:	None

Surface Preparation

All surfaces should be cleaned of all oil, grease, and dirt. Concrete surfaces must be etched or blasted in accordance with normal surface preparation recommendations for concrete floors as outlined in ASTM D-4258, ASTM D-4259, ASTM D-4260, ASTM D-4262.

Apply to clean, dry surfaces. Remove all dirt and oil residues with a suitable cleaner. Old coatings should be removed by chipping, sandblasting, or grinding.

New Concrete: Concrete should have a minimum of 3000 psi at the surface when tested with a schmidt hammer.

All efflorescence and laitance should be removed by acid etching, sandblasting, or grinding. Acid etching is usually fastest and easiest, and can be done by using a mixture of 20% muriatic acid.

Proper caution should be exercised, and protective clothing, rubber gloves, and goggles must be worn when working with the acid etching mixture.

The acid should be removed before it dries, by flushing with water until the ph of the concrete is between 6 and 7. The floor must be completely dry.

Old Concrete: Dirt, grease, or other contamination should be removed with suitable cleaners. Deteriorated areas of concrete should be removed, and, if deeper than 1/2", should be grouted back to original level of concrete.

Prior to surface cleaning, the floor should be tested for the presence of capillary moisture by moisture meters or by the plastic sheet method (ASTM D-4263).

Application

Concrete should be dry and surface temperature should be at least 55 °F.

Wearcoat 495 epoxy is mixed as follows:

1. Mix Part A for 2 to 3 minutes to assure full dispersion of pigment.
2. Pour Component B (hardener) into Component A (resin). (the resin container has room to allow for hardener and stirring.)
3. Stir at low speed to prevent air entrapment for 2 to 5 minutes (base mixing time on temperature and viscosity), using an "in-the-bucket" mixer, or jiffy mixer. Thorough mixing is required. Scrape sides and bottom of container to insure full blending.
4. Pour coating onto the floor in a long puddle and spread using a flat or notched squeegee. Backroll using a 3/8" nap quality roller to smooth the coating..

Precautions

Wear gloves. **May Cause Skin Irritation. HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE. Vapor Harmful, Eye Irritant.** If swallowed, do not induce vomiting. Call physician immediately. Avoid prolonged contact with skin, do not breathe vapor or spray mist. In case of contact with eyes, flush repeatedly with water and contact physician.

Use with adequate ventilation. In confined areas, use adequate forced ventilation during application and drying. In areas where there is a minimum of air movement, fresh air masks should be used.

Refer to Material Safety Data Sheet before use.

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Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective at the time the sealed container is first opened, and in no event beyond the shelf life date printed on the label. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, use shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

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