

DESCRIPTION

Two component, light stabilized, reduced yellowing, 100% solids high performance specialty epoxy floor coating. With good build properties, it offers enhanced flow characteristics for easy installation. Features good chemical resistance, is near-zero VOC, extremely low odor, and is resistant to amine blush.

COLORS

Available in clear.

PACKAGING

Available in one- and five-gallon kits.

FEATURES

- Offers good resistance to UV exposure; WearCOAT 481HP will yellow in color, but at half the rate of traditional epoxy floor coatings
- Good build properties
- Excellent flow and surface wetting with increased flexibility and resilience, offering about 30% better wear than conventional floor coating epoxies
- Low odor, zero VOC

USES

WearCOAT 481HP is ideally suited as a topcoat for decorative floors that require a high build clear topcoat that is relatively light stable.

It is also an excellent binder for metallic pigments, generally used as a single coat application on decorative metallic floors.

READ THE SAFETY DATA SHEET PRIOR TO USE.

Technical Data

Flash Point:	>200°F (93°C)
Number of Coats:	One, min.
Volume Solids:	100%
Film Thickness:	8-16 mils WFT
Coverage Rate @ 10 mils WFT/DFT:	160 sq. ft./gal.
Dry Time, 72°F (22°C), 50% R.H.:	To Touch: 6 to 8 hrs. To Recoat – 8 hrs. Min. 72 hrs. Max. Foot Traffic: 24 hrs. Heavy Service: 72 hrs. Full Cure: 5 days
Thinners:	No Thinning Required
Cleanup Solvent:	CFI 704 Cleaner
Application Temps:	55 - 90°F (13 - 32°C) Must be 5°F+ (2°C+) Abv Dew Point
Continuous Service Temp.:	-10°F to 125°F (-23°C to 82°C) Dry or Wet Heat Resistance
Mix Ratio:	1.6 Part A to 1 Part B by Volume
Pot Life, 70°F, 50% R.H.:	30 minutes
Shelf Life:	18 months in closed container stored @ 50°F to 90°F
V.O.C. Content:	<50 g/L
Induction Time:	None Required

LIMITED WARRANTY: All statements, technical information and recommendations contained herein are based on tests the manufacturer believes to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied: 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 published shelf life. 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. At no point shall a claim of loss or damage resulting from use of the product exceed the purchase price allocable to the product giving rise to the claim. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. All data, statements and recommendations made herein are based upon information manufacturer be-

lieves to be reliable, but are made without any representation or guarantee or warranty of accuracy, and are made with reservation of all patent rights. All products are sold on the condition that the user will evaluate them, as well as manufacturer's recommendation, to determine their suitability for user's own purpose before adoption. Statements regarding the use of the products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations.

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, and 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, blasting, or grinding.

New Concrete – Newly poured concrete must age at least 28 days at temperatures over 70°F before coating. If less than 28 days is required, CFI's WearCOAT 1080 primer may offer reduced wait time; contact your CFI Technical Representative for details.

All efflorescence and laitance should be removed by shot-blasting or grinding.

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 the calcium chloride method (ASTM F-1869).

MIXING

1. Pour all the contents of Component B into Component A container.
2. Stir at low speed to prevent air entrapment for 2 to 3 minutes using an "in the bucket" mixer, such as a Jiffy Mixer. Thorough mixing is required before application.

APPLICATION

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

Pour mixed material directly on the surface in a long puddle and spread using either a flat or a notched rubber squeegee, depending on film thickness requirements.

IMPORTANT: *To assure proper mix ratio, DO NOT scrape or drain mixing containers.*

An applicator wearing spiked shoes should then immediately back roll and cross roll the material with a quality "lint-free" 1/4" or 3/8" nap roller cover. Finish application by "laying off" in one direction. Check film thickness frequently.

PRECAUTIONS

Wear safety glasses and impervious gloves. May Cause Skin Irritation.

HARMFUL OR FATAL IF SWALLOWED.

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, best practice dictates the use of adequate forced ventilation during application and drying. In areas where there is a minimum of air movement, fresh air masks should be used.

Refer also to WearCOAT 481HP Safety Data Sheet.