

## DESCRIPTION

Two component polyamide-cured epoxy primer.

## COLOR

Light Gray

## PACKAGING

Available in one-gal and five-gal kits, premeasured for easy blending at the jobsite.

## FEATURES

- Very surface tolerant and can be applied in damp environments.
- Long recoat window allows excellent topcoat adhesion.
- Usually top coated with WearCOAT 440, WearCOAT 491, or WearCOAT 100.

## USES

WearCOAT 490 is intended for use as a primer for cementitious substrates. It is generally top coated with WearCOAT 440 or WearCOAT 491 epoxies or WearCOAT 100 urethane finish coatings.

WearCOAT 490 is also a suitable primer for concrete surfaces intended to be submerged in water after application, generally in combination with WearCOAT 491 topcoat. The combination provides good chemical resistance properties along with very good resistance to water and salt solutions.

WearCOAT 490 has generally been used as a primer for concrete surfaces in steel mills, paper mills, refineries, storage battery plants, etc.

## SURFACE PREPARATION

All surfaces should be cleaned of all oil, grease, and dirt. Concrete surfaces must be mechanically abraded 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, shot blasting, or grinding.

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

Technical Data	
Volume Solids:	56%
Weight Solids:	67%
Dry Film Thickness, Min.:	3 mils DFT (5 mils wet)
Max.:	5 mils DFT (9 mils wet)
Number of Coats:	One
Coverage @ 4 mils DFT:	250 sq. ft. / gal.
Dry Time (70°F, 50% R.H.):	To Touch – 3 to 4 hrs. To Recoat – 4-6 hrs.
Pot Life (70°F, 50% R.H.):	8 hrs.
Min. Application Temp.:	50°F
Service Temp. Range:	0°F to 225°F
Method of Application:	Brush or roller
Thinners:	CFI 735 Thinner for Brushing
Cleaner:	CFI 704 Cleaner
Shelf Life:	One year if unopened
Mix Ratio:	4A : 1B, by volume
Induction Time:	None

**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-

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## MIXING

Thoroughly mix Part A, then add Part B; then mechanically mix for a minimum of 3 minutes.

## APPLICATION

Surface temperature of substrate must be above 50°F. Apply by brush or roller. This primer must be top coated within 7 days of application.

WearCOAT 490 is normally top coated with WearCOAT 440 or WearCOAT 491 epoxies or WearCOAT 100 urethane finishes. Refer to related TDS documents for further information on these finishes.

Maintain a wet film thickness of between 5 and 8 mils. Thicker film builds will cause a considerably longer tack-free dry time.

## PRECAUTIONS

Vapor Harmful, Eye Irritant. If swallowed, do not induce vomiting. Call physician immediately. Contains aromatic hydrocarbons and glycol ethers.

### HARMFUL OR FATAL IF SWALLOWED.

### FLAMMABLE.

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.

Keep away from heat, sparks and open flames. Prohibit smoking. Use non-sparking equipment. 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, a fresh air mask should be used.

Refer also to WearCOAT 490 Safety Data Sheet.

### READ THE SAFETY DATA SHEET PRIOR TO USE.