

## DESCRIPTION

Two component, 100% solids, moisture vapor tolerant epoxy primer.

## COLOR

Clear

## PACKAGING

Available in one and five gallon kits.

## USES

WearCOAT 1080 is excellent for use on mechanically prepared concrete floors for lowering the moisture vapor pressure prior to applying standard coatings. Also effective for lowering moisture vapor transmission under resilient flooring and tile. For use with slabs exhibiting MVER up to 16 lbs and RH up to 100%.

### Technical Data

Number of Coats:	One, Minimum
Volume Solids:	100%
Coverage @ 10 mils DFT:	160 Sq. Ft. / Gal.
Min. Dry Film Thickness:	10 mils per coat
Dry Time (70°F, 50% R.H.):	Recoat: 9 hrs. Min., 48 hrs. Max.
Thinners:	No Thinning Recommended
Cleaner:	CFI 704 Cleaner
Min. Application Temp.:	55°F
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, 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.

**New Concrete** – Concrete should be at least 28 days old and have a minimum of 3,000 psi at the surface when tested with a Schmidt hammer.

WearCOAT 1080 can be applied on concrete as soon as 10 days from concrete pour, but will not provide moisture vapor reduction properties in that situation.

Shot blast concrete to between a CSP 3-7 profile. Grinding is permitted in areas that are inaccessible to shot blast equipment.

**Vapor Pressure** – If MVER exceeds 16 lbs./24 hrs. per ASTM F1869, consult a sales representative before proceeding.

## MIXING

Pour Component B (hardener) into Component A (resin). The resin container has room to allow for hardener and stirring.

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.

**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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## APPLICATION

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

*Immediately* pour a substantial amount of coating onto the floor and spread evenly using a flat squeegee.

*Immediately* back roll with a quality 3/8" nap roller leaving 9 to 11 mils on the surface.

WearCOAT 1080 can be top coated in as little as 9 hours and must be tack-free before top coating. If pinholes or porosities are evident after initial cure of primer, repriming may be necessary, especially on very porous concrete.

## PRECAUTIONS

Wear gloves. May cause skin irritation.

## HARMFUL OR FATAL IF SWALLOWED.

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 also to Safety Data Sheet.