

DESCRIPTION

Two component, low VOC, high solids, UV stable polyaspartic coating featuring extended cure time to improve ease of application and smooth surface.

COLOR

Available in standard colors and clear, full gloss only.

PACKAGING

Available in one- and five-gallon kits.

FEATURES

- Slower cure than conventional polyaspartic coatings to help reduce dry roller marks, promote a smooth glossy finish
- UV stable
- Good abrasion resistance
- Low VOC and low odor

USES

WearCOAT 2055 is a high build, high solids polyaspartic floor coating with low VOC, low odor and a high resistance to UV exposure.

WearCOAT 2055 Clear can be used as a finish coat over a pigmented or broadcast finish. Its cure time is slower than conventional polyaspartic coatings, allowing for more working time and a smoother finish designed to help assure no dry roller overlap marks.

WearCOAT 2055 in standard colors is typically used as a pigmented topcoat where low odor and color stability and UV resistance are important.

For a quicker return-to-service polyaspartic coating where the potential for dry roller overlap marks will not be problematic, WearCOAT 2020 is recommended.

If extra chemical or abrasion resistance is required, WearCOAT 100 or WearCOAT 2330 is recommended as a finish coat.

Technical Data

Coverage Rate @ 8 mils WFT/DFT:	200 sq. ft./gal.
Application Temp.:	55° to 90°F (13° to 33°C). Must be 5°F (3°C) above dew point
Pot Life, 70°F, 50% R.H.:	1 hour
Dry Time, 72°F (22°C), 50% R.H.:	To Touch: 4-6 Hours To Recoat – 6 Hours Minimum 24 Hours Maximum Foot Traffic: 12 Hours Heavy Service: 24 Hours Full Cure: 5 Days
VOC:	35 g/L
Flash Point:	200°F (93°C)
Volume Solids:	92%
Shelf Life:	18 months in closed container stored @ 50°F to 90°F (10°C to 32°C)
Number of Coats:	One
Thinners:	No thinning required
Cleanup Solvent:	CFI 704 Cleaner
Primers:	WearCOAT 2015, WearCOAT 1020, WearCOAT 1080
Continuous Service Temp.:	-10° to 160°F (-23° to 82°C) Dry Heat Resistance
Mix Ratio:	2 Parts A to 1 Part B by Volume

READ THE SAFETY DATA SHEET PRIOR TO USE.

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 believes to be reliable, but are made without any representation or guarantee of 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

Surfaces should be cleaned of all oil, grease, and dirt. Concrete surfaces must be mechanically prepared 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, sandblasting, or grinding.

New Concrete – Unless priming with WearCOAT 1080, newly poured concrete must age at least 28 days at temperatures over 70°F before coating. Concrete should have a minimum of 3,000 psi at the surface when tested with a Schmidt hammer. 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 moisture meters or by the plastic sheet method (ASTM D-4263).

MIXING

Wearcoat 2055 is mixed as follows:

1. If pigmented, mix Part A for 2 to 3 minutes to assure full dispersion of pigment.
2. Blend Component B into Component A.
3. Stir at low speed to prevent air entrapment for 2 to 3 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 ensure full blending.

APPLICATION

Pot life is one hour but considerably less at elevated temperatures. Prepare tools and area prior to mixing. Pour out of the bucket and spread as quickly as possible.

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: *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" 3/8" nap roller cover. Check film thickness frequently.

PRECAUTIONS

Wear safety glasses and impervious gloves. May cause skin and/or eye irritation. Vapor may be harmful if inhaled. See SDS.

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, 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 WearCOAT 2055 Safety Data Sheet.