COATINGS FOR INDUSTRY
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TECHNICAL DATA

WearCOAT 2035

DESCRIPTION

Two component, moderate cure speed, zero VOC, high solids, UV stable polyaspartic coating. WearCOAT 2035 is a high build, high solids polyaspartic floor coating with zero VOC, extremely low odor and a high resistance to UV exposure.

COLOR

Available in standard colors and clear; full gloss only.

PACKAGING

Available in one and three gallon kits.

FEATURES

- Slower cure than conventional polyaspartic coatings reduces dry roller marks
- Highly UV stable
- Good abrasion resistance
- Very low odor

USES

WearCOAT 2035 has a slower cure time than conventional polyaspartic coatings, allowing for more working time and a smoother finish with few or no dry-roller overlap marks.

WearCOAT 2035 Clear or Pigmented can be used as a finish coat over a pigmented or broadcast finish. It is typically used as a topcoat where low odor and UV resistance are important.

For quicker return to service, and where dry roller overlap marks are not an issue, WearCOAT 2020 is recommended.

If extreme chemical or abrasion resistance is required, WearCOAT 100 is recommended.

READ THE SAFETY DATA SHEET PRIOR TO USE.

Technical Data	
Flash Point:	200°+F (93°C)
Number of Coats:	One
Volume Solids:	98%
Coverage Rate @ 8 mils WFT/DFT:	200 sq. ft./gal.
Dry Time, 72°F (22°C), 50% R.H.:	To Touch: 2 hrs. To Recoat – 6 hrs. Min., 24 hrs. Max. Foot Traffic: 12 hrs. Heavy Service: 24 hrs. Full Cure: 5 days
Thinners:	No Thinning Required
Cleanup Solvent:	CFI 704 Cleaner
Primers:	WearCOAT 490, WearCOAT 1020, WearCOAT 1080
Application Temp.:	55° to 90°F (13° to 32°C) Must be 5°F (2°C) above dew point
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
Pot Life, 70°F, 50% R.H.:	20 minutes
Shelf Life:	18 months in closed container stored @ 50°F to 90°F
Mixing Time:	2-3 minutes

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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 2035 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 20 minutes. 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 2035 Safety Data Sheet.