

Industrial Flooring

100% SOLIDS POLYMER (PIGMENTED)

Chemical Resistant Flexible High-Build Coating

Description: Two-component, high-gloss premium floor coating for permanent protection with a smooth or anti-skid seamless surface. 100% Solids Polymers resist chemical exposure, high traffic and mechanical abuse

Areas of Usage: Primarily used as a primer and color coat in warehouses, manufacturing facilities (food preparation, food processing, and chemical processing plants), parking lots, chemical storage areas, laboratories, airplane hangars, washrooms, showers, garages, basements, patios, walkways and handicap ramps.

Features / Advantages:	Pigmented	Short dry time
	Chemical and stain resistant	Moisture and abrasion resistant
	Excellent gloss retention	Outstanding flow and leveling
	No VOCs	High strength and flexibility
	Impermeable	Solvent free
	Molecularly bonding	May be used as a high build color coat

Surface Preparation: Allow new concrete to cure for at least 30 days prior to preparation and coating. Test for moisture. Remove dust, oil, grease, curing compounds, scale and other contaminants. Prepare concrete via mechanical abrasion (grinding, diamond grinding, abrasive blasting, shot blasting) to achieve a surface profile equivalent to CSP3 to CSP5. Grinding & diamond grinding procedures are outlined in SOP GFC-106, titled Concrete Preparation.

Technical Data: *Note: Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions*

Packaging: Part A consists of 2 x 5 gallon containers; Part B (Activator), "fast" or "regular" cure, consists of a 1 x 5 gallon container.

Mixing Ratio: Two parts Part A to one part Part B (2:1 ratio); the mixture may be diluted with solvent or mixed with a compound and solvent to produce a three-component cementitious system

Application: Polyester brush and 9", 14" or 18" rollers with microfiber nap

Average Dry Time at 77°F (25°C): Dry times vary depending upon weather conditions. **Cure to Tack-Free:** 4 - 6 hours; **Waiting Time Between Coats:** 4 - 12 hours (sand if >12 hours), however, "re-wet" coats of the same product may be applied immediately; **Cure to Light Foot Traffic:** 12 - 24 hours; **Full Cure:** 5 - 7 days

Resistance To: Moisture, stains, chemicals and abrasion (e.g., mold, mildew, salt, grease, oil and other petroleums, animal fat, feces, urine, bleach, solvents, chemical fumes).

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Reducing:	May be reduced with acetone or xylene (or combinations thereof); consult local air district rules or regulations. Never use acetone with 100% solids polymer under cold weather conditions (<32°F). In cool temperatures above 50°F and rising, acetone may be used in lieu of xylene.
Finish:	Super high gloss
Colors:	White, Tumbleweed, Silver Grey, Mohave, Pebble Beach and mixtures thereof; custom colors available upon request
% Solids (Vol):	Average of 98.6%, depending on color
% Solids (Wt):	Average of 99%, depending on color
Pigment Type:	Chemical resistant
Vehicle Type:	Bisphenol A / Epichlorohydrin
Viscosity:	98 Kreb Units at 77°F (25°C)
Physical Properties:	VOC Actual: 0 g/l; VOC Regulatory: 0 g/l; Weight of Volatiles: 0%; Weight of Exempt: 0%; Volume of Exempt: 0%; Density: 1093 g/l. Some pigments may have trace VOC. Consult the MSDS.
Thickness:	Recommended installation of 6 mils; heavy applications exceeding this thickness (e.g., 3-component cementitious systems) may require the incorporation of a compound
Tensile Strength:	6,730 psi at 7 days (ASTM D-638)
Flexural Strength:	11,400 psi at 7 days (ASTM D-790)
Compressive Strength:	19,500 psi at 7 days (ASTM D-695)
Pot Life:	Pot life applies to material poured immediately onto the substrate following preparation. Pot Life = thirty (30) minutes for 1 - 2 gallons at 77°F (25°C) and 50% relative humidity (RH). If ambient temperature is greater than 77°F and / or RH greater than 50%, pot life is dramatically shortened
Shelf Life:	12 months at 77°F (25°C) when Parts A and B are not combined

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Mixing: Pigmented 100% solids polymers are two component systems: Part A and Part B (the activator). Only when ready to use, mix Part A and Part B in a ratio of 2:1. **Thoroughly mix the pigmented Part A component separately, ensuring a uniform color.** Then, add 2 parts Part A and 1 part Part B in a bucket and mix immediately. Always mix at a slow mixing speed to avoid introducing air into the mixture. After thoroughly mixing Parts A and B, a reducer may be added; if so, re-mix thoroughly.

Application Procedure: Pigmented 100% solids polymer may be used in a variety of coating systems and may be used as a primer coat or as a color coat (where a clear coat is to be applied). Detailed application procedures are provided in standard operating procedures (SOPs) GFC-107 through GFC-118. All SOPs are on file with corporate Eco-CorFlex.

Handling and Storage: Store in a cool, dry, well ventilated area. Keep containers tightly closed.

**• KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN
• NOT FOR INTERNAL CONSUMPTION • INDUSTRIAL GRADE • HANDLING
AND INSTALLATION MUST BE PERFORMED BY ECO-CORFLEX-CERTIFIED
APPLICATORS ONLY •**

All information provided by Eco-CorFlex concerning its products, including but not limited to, any recommendations and advice relating to the application and use, is given in good faith based on Eco-CorFlex's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Eco-CorFlex SOPs. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Eco-CorFlex's control are such that Eco-CorFlex assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of Eco-CorFlex product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application. Eco-CorFlex reserves the right to change the properties of its products without notice.

Prior to each use of any Eco-CorFlex product, the user must read and follow the warnings and instructions on the products most current Technical Data Sheet, product label and Material Safety Data Sheet which are available online at www.ecocorflex.com or by calling Eco-CorFlex at 866-406-2628. Eco-CorFlex warrants this product to be free of manufacturing defects and warrants this product to meet the technical properties on the current Technical Data Sheet if used as directed within the shelf life. The user must determine suitability of each product for its intended use and assumes all risks. The buyer's sole remedy shall be limited to the purchase price or replacement of the product *exclusive of labor or cost of labor*.

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