

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: New concrete must cure for at least 30 days prior to preparation and coating. Test for moisture and remove dust, laitance, grease, curing compounds, preparation bond-inhibiting impregnations, waxes and other contaminants. Prepare concrete via mechanical abrasion (grinding, bead-blasting, diamond grinding) or chemical treatment (acid washing).

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 petroleum, animal fat, feces, urine, bleach, solvents, chemical fumes).

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Reducing:	May be reduced with acetone, xylene, or citrus solvent (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 Krieb 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 SDS.
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 as follows: 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).

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 •

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