

Industrial Flooring

EZ FLOW METALLIC EPOXY

Low viscosity, high gloss clear epoxy for metallic applications

Description: EZ Flow Metallic Epoxy is a solvent-less, two component, low-viscosity epoxy coating system that creates a high gloss finish. Designed specifically for metallic flooring applications, this epoxy offers excellent flow properties, ensuring smooth and even coverage. When mixed with metallic powder, this epoxy system creates a captivating metallic 3D effect on floors.

Areas of Usage: EZ Flow Metallic Epoxy is primarily used in metallic coating systems (e.g., Liquid Art and Liquid Minerals coating systems). Perfect for interior spaces including basements, kitchens, recreation & exercise rooms, showrooms, salons, restaurants, retail and other commercial facility flooring where visual impact is desired.

Features / Advantages:	Clear only	Very low VOC content (75.4 g/L)
	Low viscosity	Excellent pigment integration
	Exceptional flow	Reduced pigment trails ("comets")
	Enhanced pigment wetting	High gloss, good retention
	100%-solids (no solvents)	Longer working time (~40 min)

Surface Preparation: New concrete should be allowed to cure for a minimum of 30 days prior to preparation and coating. Prepare concrete via mechanical abrasion (e.g., grinding, diamond grinding) to achieve a surface profile equivalent to ~CSP3 to open concrete pores. Any oils and fats must be removed and moisture levels verified prior to application of the primer coat. In every application, MME is required prior to use of EZ Flow Metallic Epoxy.

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: 5-gallon Part A and 5-gallon Part B Activator (7.57 L).

Mixing Ratio: Two parts A to one part B catalyst, i.e., 2:1 ratio by volume.

Application: Squeegee, polyester brush and/or 9", 14" or 18" rollers.

Min/Max temperature of substrate: 60°F / 86°F. Maximum relative humidity during application and curing: 85 %.

Substrate temperature must be 5.5°F above dew point measured.

General Restrictions: Humidity content of substrate must be <4 % when coating is applied.

Do not apply on porous surfaces where a transfer of humidity may occur during application. Not for exterior use.

Protect from humidity, condensation and contact with water during the 24 hour initial curing period. Surface may discolor in areas exposed to regular ultraviolet light.

Average Dry Time at 77°F (25°C): Dry times vary depending upon weather conditions. **Pot Life (16 oz, 454 g mass):** 10-15 minutes; **Working Time:** ~40 minutes; **Recoat Time:** 12-24 hours.

Industrial Flooring

EZ FLOW METALLIC EPOXY

Low viscosity, high gloss clear epoxy for metallic applications

Technical Data (Con't):	<i>Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions</i>
Reducing:	Typically, no reducing required (although reducing with xylene is acceptable)
Finish:	High gloss
Colors:	Part A: Clear; Part B: clear to yellowish.
% Solids (Vol):	100% mixed
% Solids (Wt):	100% mixed
VOC:	Very low – 75.4 g/L
Bond Resistance:	>300 psi, substrate ruptures (ASTM D4541)
Permeability:	0.1% (ASTM D570)
Hardness (Shore D):	85-90 (ASTM D2240)
Abrasive Resistance:	0.10 g, CS17 / 1000 cycles / 1000 g (ASTM D4060)
Traction Resistance:	6500 psi (ASTM D638)
Compressive Strength:	14000 psi (ASTM D695)
Flammability:	Class I; not considered flammable with flash point >199.4°F (93°C)
Elongation:	6.7% (ASTM D638)
Resistance to Mold and Fungal Growth:	Mold = Rated 10 - highest resistance (ASTM D3273); Fungal = Rated 0 - no growth (ASTM G21)
Shelf Life:	12 months in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards.

EZ FLOW METALLIC EPOXY

Low viscosity, high gloss clear epoxy for metallic applications

Mixing: Materials should be pre-conditioned to room temperature prior to use. Thoroughly mix each component separately. Pour component B into component A using the proper mixing ratio of 2A:1B by volume. Mix both components for at least 1 minute using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare a quantity that may be applied during the pot life of the mixture. Apply material to floor immediately after mixing.

Application Procedure: Prior to application, 100%-solids MME must first be applied as the primer. Do not apply EZ Flow Metallic Epoxy to wet substrates. When ready, apply EZ Flow Metallic Epoxy at 40-50 sq ft per gallon using a squeegee or roller. Avoid creating puddles.

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*.

ECO-CORFLEX MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED.