

METALLIC FX™

metallic pigments for 100% solids epoxy systems

CONCRETE STAIN SYSTEMS



Metallic FX is a concentrated powdered metallic pigment designed for use in our 250 HP Cyclo Epoxy system. When applied over a properly prepared and primed surface, the effects that can be achieved are virtually endless, producing an extremely unique and desirable result. Available in an excellent variety of 20 earthy and vibrant colors, our selection is sure to appeal to a wide variety of clients.

Key Features & Typical Benefits

- 20 vibrant standard colors to choose from.
- Very unique application to finish and beautify commercial, industrial, and residential interior floors.
- Easily disperses into 250 HP Cyclo Epoxy which allows for incredible flow with the metallic.
- Provides a beautiful metallic, mottled effect with unique and varied depth perception.
- Contains 0 g/L VOC content making this product legal for sale to all regions of the US and Canada.

Recommended Applications

- Effective on applications such as...
- Showrooms
 - Office Space
 - Lobby Areas
 - Residential Homes
 - Many other interior concrete surface where a high end, unique coating is desired.



Specifications / Compliances

- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	See epoxy data sheet
Dry Time - Foot Traffic	See epoxy data sheet
Dry Time - Heavy Traffic	See epoxy data sheet
Re-Coat Time Window	See epoxy data sheet
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Depends on color chosen
Appearance - Dry	Tinted and High Gloss

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

Metallic FX

Application Instructions

SURFACE PREP: If cracks are present, fill with SurfKoat's Rapid Set 100™ (see Rapid Set 100™ technical data for further instruction). Mechanically grind or chemically etch surface to a CSP-2 or CSP-3 profile according to the ICRI guidelines (www.icri.org). See 250 HP Cyclo Epoxy technical data for detailed surface preparation instructions.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Note that in direct sunlight, substrate temperature can exceed 150° F which can cause extreme bubbling issues.

PRIMER COAT: Mix Kolour Koat EpoPack-HP tint color (black is recommended for optimum color effects) with 250 HP Cyclo Epoxy Part A, one bottle per 3 Gallon Kit of epoxy, approximately 16 oz. Stir gently with a drill mixer for 1-2 minutes, or until color is thoroughly dispersed. Then add the appropriate amount of Part B and mix for an additional 1-2 minutes. (250 HP Cyclo Epoxy mix ratio is 2A to 1B) Apply the mixed material with a brush, roller, trowel, notched squeegee or gauge rake and then back roll evenly at 100-150 sq. ft. per gallon. After approximately 10-16 hours, or until epoxy is thoroughly cured, you are ready to apply the Metallic FX coat.

**For a faster curing prime coat, use 250 HP Cyclo Epoxy Primer - 4 Hour.

METALLIC FX COAT: Pour the desired amount of epoxy Part A and the appropriate amount of epoxy Part B into a large mixing pail. Add one 32 oz. container of Metallic FX color to 3 to 4 gallons of epoxy, or until desired opacity is achieved. (Test on the same concrete substrate for desired hide.) Stir gently with a drill mixer for 1-2 minutes, or until all products have adequately combined. Apply the mixed material with a brush, roller, trowel, notched squeegee or gauge rake, a 1/4" notched squeegee is recommended, and then back roll evenly at 75-100 sq. ft. per gallon or at the desired mils of thickness. Applying the epoxy at this thickness will ensure that the Metallic FX can create its unique depth and patina. If the desired look is not being achieved, you can try experimenting with denatured alcohol. This is done by misting the alcohol over the epoxy and back rolling. As mentioned above, there is no set way to apply the Metallic FX system, so be creative and experiment with your own techniques. Always perform tests prior to applying to a whole floor!

OPTIONAL TOP COATS: Many times, applicators will top coat a Metallic FX coated floor with an additional coat of 250 HP Cyclo Epoxy or a more abrasion resistant urethane. Also, applying Cherry Surf-Wax or Top Koat Wax to the surface regularly will help to protect the epoxy from damage (typically applied after approximately one week from final epoxy or urethane application).

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK.**

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- Product should be considered a nuisance dust. Where protective mask while handling powder.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This was designed for interior concrete. It is not recommended for exterior applications.
- Please be aware that this product when cured may be slippery when wet. An anti-slip additive, such as Surf-Grip, can be added to reduce slip hazards.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- This product should not be sprayed. Refer to instructions above prior to use.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.

CLEAN-UP: Use MEK for finished, colored epoxy coating. Soap and warm water is adequate to clean powder pigment only, from hands and skin. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Refer to epoxy technical data sheet.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 32 oz. containers (each containing approximately 8 oz. by weight of pigment)

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.