

LIQUID METALS

Metallic Pigments for 100% Solids Epoxy Systems (available in 24 standard colors)

Product Description

Liquid Metals are a concentrated powdered metallic pigment designed for use in our Liquid Metals 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 24 earthy and vibrant colors, our selection is sure to appeal to a wide variety of clients.

Benefits & Features

- 24 standard colors (other colors available upon request)
- Very unique application to finish and beautify commercial, industrial and residential interior floors
- Provides a beautiful metallic, mottled effect with unique and varied depth perception

Recommended Applications

Liquid Metals is recommended for most cured, unsealed interior concrete substrates. Do not apply to a floor that has been sealed prior until all sealer has been completely removed. Follow directions for Liquid Metals in combination with Liquid Metals Electric Epoxy.

Technical Information

Solids	N/A	Wet Appearance	Colored Liquid
Drying Time	Refer to Epoxy Technical Sheet	Dry Appearance	Colored Powder
Re-Coat Time	Refer to Epoxy Technical Sheet	VOC Content	N/A
Foot Traffic	Refer to Epoxy Technical Sheet	Blush Resistance	N/A
Wheel Traffic	Refer to Epoxy Technical Sheet	Solvent Resistance	N/A
Application Temp	Refer to Epoxy Technical Sheet	Concrete Penetration	N/A

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

Specifications/Compliances

Liquid Metals are VOC and OTC compliant in all areas of the United States and many foreign nations when used in combination with VOC compliant coatings.

Approximate Coverage Rates

New and Old (unsealed) concrete Refer to Epoxy Technical Data

*Coverage rates above reflect approximate coverage of finished product (per gallon) applied per instructions. Coverage rates will vary significantly and will be determined upon the surface porosity of the concrete as well as the application style.

Shelf Life

Liquid Metals has a shelf life of up to two years in it's original, sealed, unopened container

Packaging

Liquid Metals is packaged and stocked in 16 oz containers (each containing approximately 8 oz by weight of pigment).

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133 North Kohler Road
Orrville, Ohio 44667
(330) 682-5678

CLEVELAND
7941 Granger Road
Cleveland, Ohio 44125
(216) 573-0770

COLUMBUS
690 Harrison Drive
Columbus, Ohio 43204
(614) 253-3326



www.  eco-cretesupply.com

Instructions for Use

Surface Preparation: If cracks are present, fill with Quick Fix (see Quick Fix technical data for further instruction). Mechanically grind surface to a CSP-2 or CSP-4 profile according to the ICRI guidelines (www.icri.org). See Liquid Metals Electric Epoxy technical data for detailed surface preparation instructions.

Primer Coat: Mix Liquid Metals into tint pack (black is recommended for optimum color effects) with Liquid Metals Electric 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 approximate amount of Part B and mix for an additional 1-2 minutes. (Liquid Metals 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 150-200 sq. ft. per gallon. After approximately 10-16 hours, or until epoxy is thoroughly cured, you are ready to apply the Liquid Metals coat.

**For a faster curing prime coat, use Electric Epoxy accelerator pack.

Liquid Metals Coat: Pour the desired amount of epoxy Part A and the appropriate amount of epoxy Part B into a large mixing pail. Add one 16 oz. container of Liquid Metals color to 3 gallons of epoxy, or until desired opacity is achieved. (Test on the same concrete substrate for desired hide). Stir gently with a stir stick 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 3/8" 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 Liquid Metals 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 Liquid Metals 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 Liquid Metals coated floor with a coat of Rock Hard Urethane.

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. Do not apply by spray method.

Clean-Up

Use Xylene 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 and federal regulations.

Product Removal

See Liquid Metals Epoxy Technical Data Sheet for removal instructions.

Precautions & Limitations

- Liquid Metals will not freeze in storage, however, storage in areas between 50°F and 85°F is recommended.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- It is not recommended to apply Liquid Metals (finished material) over carpet, tile, and other types of floor adhesives.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- Liquid Metals were designed for interior concrete. It is not recommended for exterior applications.
- Liquid Metals should not be sprayed. Refer to instructions above prior to use.
- Liquid Metals may be mixed to form various colors. Note, we cannot be held responsible for color outcome.
- Liquid Metals are intended to be a permanent application. Please test prior to use.

Special Notes

Please consult Safety Data Sheet (SDS) and read warranty information prior to use. This information can be requested by contacting customer service at 330-682-5678.

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