



**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 Data	Dry Appearance.....colored powder
Re-Coat Time.....Refer to Epoxy Technical Data	VOC Content.....n/a
Foot Traffic.....Refer to Epoxy Technical Data	Blush Resistance..... n/a
Wheel Traffic.....Refer to Epoxy Technical Data	Solvent Resistance.....n/a
Application Temp.....Refer to Epoxy Technical Data	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

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New and Old (unsealed) concrete	Refer to Epoxy Technical Data	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** have a shelf life of up to two years in it's original, sealed, unopened container.

### PACKAGING

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



**Deco-Crete Supply Inc.**  
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CONCRETE COATINGS

LIQUID METALS

## INSTRUCTIONS FOR USE

**SURFACE PREPARATION:** If cracks are present, fill with Deco-Crete's 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](http://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 appropriate 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 AND 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, ect.
- ▶ **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 Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 330-682-5678.

◆ For color selection, please request a color chart. FOR PROFESSIONAL USE ONLY!



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