



MARBELIZED METALLIX

Revised May 2017

TECHNICAL DATA SHEET

METALLIC PIGMENTS FOR 100% SOLIDS EPOXY SYSTEM

DESCRIPTION

Marbelite Marbelized Metallix is a concentrated powdered metallic pigment designed for use in the *Marbelite EpoxySL-100* 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 vibrant colors, our selection is sure to appeal to a wide variety of clients.



BENEFITS/FEATURES

- ◆ Choose from 20 brilliant colors in earthy and vibrant varieties.
- ◆ Very unique application to finish and beautify commercial, industrial, and residential interior floors.
- ◆ Easily disperses into *EpoxySL-100* 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 & Lobby Areas
- ◆ Bathrooms
- ◆ Kitchens
- ◆ Laboratories
- ◆ Office Space
- ◆ Cafeterias
- ◆ Countertops
- ◆ Residential Homes
- ◆ Many other interior concrete surfaces where a unique coating is desired.

SPECIFICATIONS/ COMPLIANCES

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



TECHNICAL INFORMATION

Solids/Active Content, Percentage by weight	N/A
Dry Time—Tack Free	See <i>EpoxySL-100</i>
Dry Time—Foot Traffic	See <i>EpoxySL-100</i>
Dry Time—Heavy Traffic	See <i>EpoxySL-100</i>
Re-Coat Time Window	See <i>EpoxySL-100</i>
Application Temp	50°F - 80°F
Coverage (*see details under instructions section)	1 Metallic container / 3 gallon <i>EpoxySL-100</i> kit*
VOC (Volatile Organic Compound) Content	0 grams/Liter
Dry Appearance	Colored Metallic Powder

Testing is 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.

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INSTRUCTIONS FOR USE

SURFACE PREPARATION: Concrete surface must be cleaned and free of all contaminants and water. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure. If cracks are present, fill with *Marbelite Quick Crack Fill* (see *Quick Crack Fill* 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 *EpoxySL-100* 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.

PRIMER COAT: Mix *Epoxy ColorPack* (black is recommended for optimum color effects) with *EpoxySL-100* 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. (*EpoxySL-100* 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, the **Marbelized Metallix** coat may be applied. If applying outside the re-coat windows, a light sanding between coats may be necessary.

**For a faster curing prime coat, use *Marbelite Polyaspartic 80* (refer to *Polyaspartic 80* technical data for recoat window).

MARBELIZED METALLIX COAT: Pour the desired amount of epoxy Part A and the appropriate amount of **Marbelized Metallix** pigment, until desired opacity is achieved (1 container of pigment per 3 gallon kit is recommended) into a large mixing pail. Stir gently with a drill mixer for 1-2 minutes, or until color is thoroughly dispersed. Add the appropriate amount of epoxy Part B and stir gently with a drill mixer for 1-2 minutes, or until all products have adequately combined. (Test on the same concrete substrate for desired hide.) **Important:** once mixed, pour material out of the bucket to avoid early setting. 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 **Marbelized Metallix** can create its unique depth and patina. If the desired look is not being achieved, try experimenting with denatured alcohol, done by misting the alcohol over the epoxy and back rolling. As mentioned above, there is no set way to apply the **Marbelized Metallix** 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 **Marbelized Metallix** coated floor with an additional coat of *EpoxySL-100* or a more abrasion resistant urethane. Also, applying floor 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. 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. Review the technical data and MSDS for *EpoxySL-100* prior to use for additional details.

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 product 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 *Slip Grip*, can be added to reduce slip hazards.
- ◆ All new concrete must be cured for at least 28 days prior to application.
- ◆ This product is not resistant to brake fluid, gasoline, and many similar products.
- ◆ Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- ◆ This product should not be sprayed. Refer to instructions above prior to use.
- ◆ This product may be mixed to form various colors. Note, we cannot be held responsible for color outcome.
- ◆ Follow the instructions for *EpoxySL-100* for more application guidelines.

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 and federal regulations.

PRODUCT REMOVAL: Refer to *EpoxySL-100* 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).

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

LIMITATION OF LIABILITY

Marbelite International Corp, "Seller" warrants that if any goods supplied prove to be defective in workmanship or material, that Seller shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for its intended use and User assumes all risks and liabilities whatsoever in connection therewith. Under no circumstances shall the Seller be liable for incidental, consequential, or other damages for alleged negligence, breach of warranty, or strict liability arising out of use or handling of this product. The sole liability of Seller for any claim arising out of the use or sale of defective product shall be for the User's purchase price.

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