

EcoPoxy Metallics

Metallic Color Pigments are special effect pigments composed of mica nano-particles coated with various organic and inorganic pigments to create pearlescent and iridescent effects that mimic the natural look of stone and rock formations. These unique pigments are designed to be field blended with **EcoPoxy** 100% solids clear epoxy binder. When the metallic particles are mixed with epoxy they give the coating a shine that reflects light and creates eye-catching dramatic color.

Metallic Color Pigments Advantages:

- Natural stone appearance
- Completely customizable
- Extremely durable coating
- Easy field blending & installation
- Multi-dimensional color hues
- Suitable for many environments
- Stylish, unique design
- Low maintenance system
- Economical & cost-effective
- Flooring artisan friendly

Natural Color Micas Custom Blending & Sizing

The application instructions are intended to provide guidelines for installation of the Metallic Color Pigments. There are no set rules for applying these pigments, as they are merely a creative component to the overall system. The basic steps for a successful flooring installation with.

Metallic Color Pigments are as follows:

- 1) Surface Preparation
- 2) Primer / Basecoat
- 3) Metallic Color Pigments Coat
- 4) Clear Topcoat (optional)



Step 1: Surface Preparation

The surface preparation method is dependent upon the existing condition of the substrate and the guidelines for **EcoPoxy** Primer / Basecoat. In general, however, surface profiling should be achieved using a shot-blaster, which is designed for such preparation.

Step 2: Primer / Basecoat

An opaque pigmented primer/basecoat **MUST** be applied to serve as a canvas for the translucent metallic coat. It is important to note that the color of the basecoat will influence the overall appearance of the floor since the metallic coat is translucent. For example, a white or light basecoat will create a lighter final appearance than a black or darker basecoat, which will darken the metallic look.

Step 3: Metallic Color Pigments Coat

Once the primer is dry the metallic pigment coat can be applied. The Metallic Color Pigments packs are designed to be added to either 1, 2, 3 or 4 gallons of **EcoPoxy** 100% solids epoxy coating, depending on the kit size. The recommended application rate is 80-100 square feet per gallon. This thickness will ensure the Metallic Color Pigments work their magic. Once the epoxy is applied, the pigments start to move and create their patina.

Application is best achieved using a 1/4" notched squeegee to ensure the product evenly coats the substrate. After the coating is evenly spread over the surface, back roll with a lint-free roller to ensure even coverage. Once the coating evenly covers the substrate it is time to freely swirl the roller in a random figure-eight motion to mimic the look of natural stone or rock formations. At this point, denatured alcohol may also be sprayed randomly over the surface to create other unique metallic effects.

Step 4: Clear Topcoat

For enhanced durability, smooth texture and/or a semi-gloss or matte finish, the dried Metallic Color Pigments coating surface can be lightly sanded and a clear topcoat may be applied.

Natural Color Micac Application

Coverage Rate Guidelines (Square Feet per Unit)

Sizes	Mixed Coating Material	Coverage Area
4 oz. unit	1 gallon	75 - 100 ft ²
8 oz. unit	2 gallons	150 - 200 ft ²
12 oz. unit	3 gallons	225 - 300 ft ²
16 oz. unit	4 gallons	300 - 400 ft ²



Coverage rates vary depending on customer preferences and application techniques.
EcoPoxy does not guarantee exact coverage rates.

Metallic Color Pigments Recommended Application Environments

Airports, Auditoriums, Auto Dealerships, Banks Casinos, Churches, Concourses
Corridors, Countertop, Country Clubs, Department Stores, Galleries, Garage, Hotels,
Lobbies, Museums, Nightclubs, Office Buildings, Restaurants, Retail Stores, Salons,
Shopping Centers, Showrooms, Supermarkets, Universities, Vestibules, Wineries,
And more...