

Pearlescent & Iridescent Metallic Pigments

For use with Resinous Flooring Systems

Description

Con-Treat's Pearlescent & Iridescent 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 a 100% solids clear epoxy binder. When the metallic particles are mixed with epoxy they give the coating a shine that reflects lights and creates an eye catching dramatic colour.

A few of the many advantages of Con-Treat's Pearlescent Pigments coating system include the following:

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

Application Instructions

The application instructions are intended to provide guidelines for installation of Con-Treat's Pearlescent 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 Pearlescent Metallic Pigments are as follows:

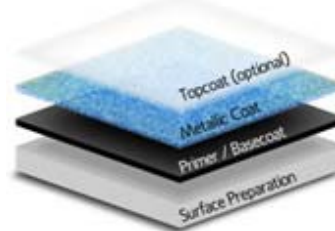


Figure 1: Typical System

1. Surface Preparation
2. Primer / Basecoat
3. Pearlescent & Iridescent Metallic Pigments Coat
4. Clear Topcoat (optional)

Step One: Surface Preparation

The surface preparation method is dependent upon the existing condition of the substrate and the guidelines from the manufacturer of the primer/basecoat you apply. In general, however, surface profiling should be achieved using a floor grinder machine such as a diamond grinder or shot-blaster which is designed for such preparation.

Step Two: Primer / Basecoat

An opaque pigmented primer/basecoat **MUST** be applied to serve as a canvas for the translucent metallic coat. **NOTE** the colour 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.

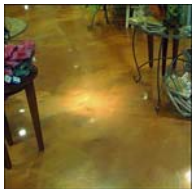
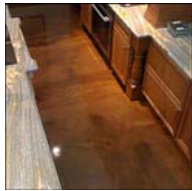
Step Three: Pearlescent & Iridescent Metallic Pigments Coat

Once the primer is dry the metallic pigment coat can be applied. The Pearlescent Metallic Pigment packs are designed to be added to Con-Treat's SureFloor epoxy coating. The recommended application rate is 1.2 square meters per litre. This thickness will ensure the Pearlescent Metallic Pigment work their magic. Once the epoxy is applied, the pigments start to move and create their patina.

Recommended Uses

- Airports
- Art Centres
- Auditoriums
- Auto Dealerships
- Banks
- Banquet Halls
- Bars, Pubs, Taverns
- Boutiques
- Casinos
- Churches
- Concourses
- Corridors
- Country Clubs
- Department Stores
- Financial Institutions
- Foyers
- Galleries
- Garage Floors
- Gentleman's Clubs
- Hotels
- Kitchens
- Lavatories
- Lobbies
- Lounges
- Museums
- Nightclubs
- Office Buildings
- Restaurants
- Retail Stores
- Salons
- Shopping Centres
- Showrooms
- Spas
- Sunrooms
- Supermarkets
- Universities
- Vestibules
- Wineries

And more...



Con-Treat's Pearlescent Metallic Pigment Coverage Rates

Metallic Pigment	Mixed Coating Material	Coverage Area
75 grams	3 litres	3-4 m2
150 grams	6 litres	7-8 m2
300 grams	12 litres	14-15 m2
450 grams	18 litres	21-23 m2

Application is best achieved using a ¼" notched squeegee to ensure the product evenly coats the substrate - back-roll with a lint-free roller cover 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 the natural stone or rock formations. At this point, denatured alcohol may also be spritzed randomly over the surface to create other unique metallic effects.

Step Four: Clear Topcoat

For enhanced durability, smooth texture and/or a semi-gloss or matte finish, the dried Pearlescent Metallic Pigment coating surface can be lightly screened or sanded and a clear topcoat of Con-Treat's UV stable polyurethane may be applied.

Popular Flooring Pigment Colour Index

 100 Silver White	 110 Fine Satin White	 173 Silk Pear	 305 Aztec Gold	 307 Abstruse Gold	 6911 Silvery Grey	 6914 Grey Black
 500 Bronze	 502 Red Brown	 510 Coffee	 520 Satin Bronze	 525 Satin Mauve	 6011 Olive Yellow	 6024 Pink
 6031 Iridescent Violet	 6041 Cambridge Blue	 6047 Gold Blue	 6055 Blackish Green	 6056 Jungle Green	 60071 Nacarat	 6080 Copper Brown
 6081 Chestnut Brown	 6082 Luster Brown	 6090 Luster Grey	 6092 Light Grey	 6094 Satin White Grey	 6413 Magic Blue	 6414 Cobalt Blue
 6811 Bronze Brown	 6813 Deep Brown	 6113 Magic Yellow	 6712 Orange Red	 6515 Dark Green	 535 Flash Red Brown	 7313 Red Gold