

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:

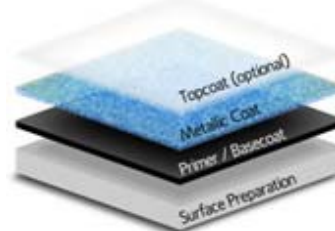


Figure 1: Typical System

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.

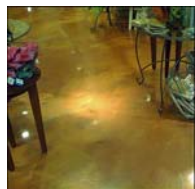
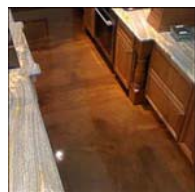
Step Three: Pearlescent & Iridescent Metallic Pigments Coat

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

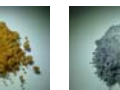
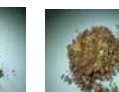
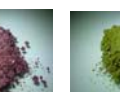
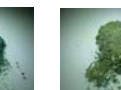
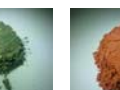
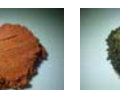
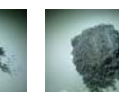
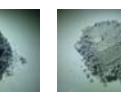
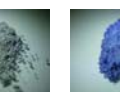
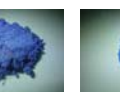
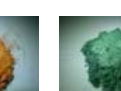
Metallic Pigment	Mixed Coating Material	Coverage Area
75 grams	3 litres	3-4 m2
150 grams	6 litres	7-8 m2
300 grams	12 litres	14-15 m2
450 grams	18 litres	21-23 m2

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 Nacarant	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