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## Product Data Sheet



# Metallic ColorPigments™

## Pearlescent & Iridescent Metallic Pigments

### For use with Resinous Flooring Systems

For more information, please visit our website at: [www.torginol.com](http://www.torginol.com)

#### DESCRIPTION

##### **Product Name:**

Pearlescent Metallic Pigments  
Trade Name: *ColorPigments™*

##### **Manufacturer:**

Torginol, Inc.  
4617 South Taylor Drive  
Sheboygan, WI 53081 USA  
(800) 558-7596 toll-free  
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**Torginol® Metallic ColorPigments™** 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 light and creates an eye catching dramatic color.

A few of the many advantages of the Metallic ColorPigments™ coating system include the following:

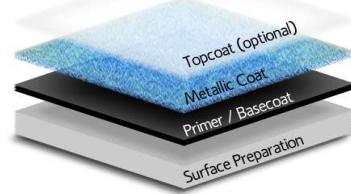
- Natural stone appearance
- Completely customizable
- Extremely durable coating
- Easy field blending & installation
- Multi-dimensional color hues
- Suitable for many environments
- Stylish, unique design
- Low maintenance system
- Economical & cost-effective
- Flooring artisan friendly



#### APPLICATION INSTRUCTIONS

The application instructions are intended to provide guidelines for installation of the Metallic ColorPigments™. 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 ColorPigments™ are as follows:

- 1) Surface Preparation
- 2) Primer / Basecoat
- 3) Metallic ColorPigments™ 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 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 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 ColorPigments™ Coat**

Once the primer is dry the metallic pigment coat can be applied. The Metallic ColorPigments™ packs are designed to be added to either 1, 2, 3 or 4 gallons of 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 ColorPigments™ work their magic.

##### ColorPigments™ - Coverage Rate Guidelines

their  
Square Feet Per Ounce

Metallic ColorPigments™	Mixed Coating Material	Coverage Area (Square Feet)
4oz unit	1 gallon	75 – 100 ft <sup>2</sup>
8oz unit	2 gallons	150 – 200 ft <sup>2</sup>
12oz unit	3 gallons	225 – 300 ft <sup>2</sup>
16oz unit	4 gallons	300 – 400 ft <sup>2</sup>

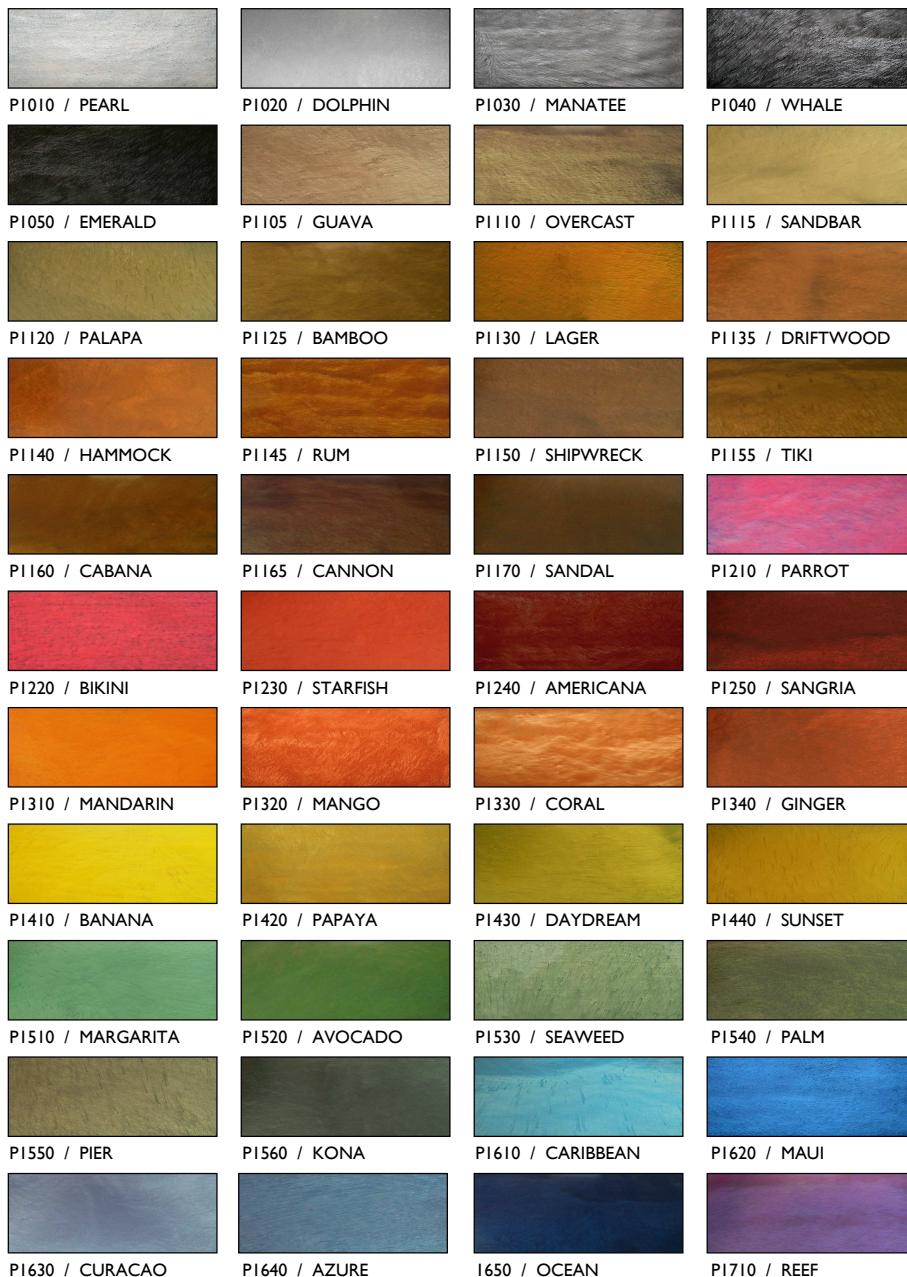
Application is best achieved using a 1/4" notched squeegee to ensure the product evenly coats the substrate. After the coating is evenly spread over the surface, backroll with a lint-free roller cover to ensure even coverage. Once the coating evenly covers the substrate it is time to freely swirl the roller in a random figure-eight motion to mimic the look of 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 ColorPigments™ coating surface can be lightly screened or sanded and a clear topcoat may be applied.

## COLOR INDEX

### PEARLESCENT COLORS



### IRIDESCENT COLORS



## RECOMMENDED USES

