



PEARLESCENT PIGMENTS TECHNICAL INFORMATION

General Information

Pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide, which give them their high rate of reflectivity. These pigments are compatible with a variety of vehicle systems, can withstand temperatures of up to 800°F, are non-tarnishing and can withstand many environmental effects. This makes them popular for use in a wide range of applications including exterior projects.

Mixing Technique

Approximate 1.25-1.50 pounds per gallon

Micron size range: 6-130

Note: Low to medium speed with a boat propeller type mixing blade is advised (a “soft mix”).

Application

For best results, use pearlescent pigments in a clear base applied over a white background to achieve their true color. However, interesting effects can be obtained utilizing differing quantities of pigment as well as application over colored backgrounds. Additionally, compatible dyes and tinting dispersions can be used with white pearl pigments to formulate other unique “pearlized” colors.

Pearlescent pigments are translucent products that allow light to pass and reflect back through the particle; therefore, they should not be considered when opacity is a primary concern unless the applicator is willing to double or triple coat to achieve the desired color intensity.

NOTE: The colors shown on the Crescent Bronze color card for the pearlescent products Red #774, Blue #775, Green #776 and Silver #777 were achieved by application over a **black background**. These colors can also be achieved **without** a black background by adding .5 – 1% (by wt.) of our Black Pearl #781 to the Red, Blue, Green and Silver pearls.

Questions?

Please contact us toll free if you have additional product questions: (800) 445-6810.

Crescent Bronze Powder Co., Inc., is an ISO 9001:2015 registered manufacturer.

