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Technical Data Sheets

ACRYLIC LATEX CLEAR / METALLIC BASE PRODUCT NUMBERS: 10559

DESCRIPTION

A vinyl acrylic water-base coating formulated for all types of applications on a variety of properly primed or previously painted surfaces. This product may be used or specified for an exterior application, and should be utilized where a beautiful metallic/pearlescent finish is desired on any interior surface.

APPLICATION

Although this product can be brushed, rolled or sprayed, when covering a large area, we recommend spray application to achieve the most uniform finish. HVLP and conventional air should be used with an agitator to assure the pigments and liquids are constantly mixed.

SURFACE PREPARATION

Surfaces must always be free of moisture, grease, oil, wax, loose particles or other contaminants. **Never** use this product over unsanded glossy surfaces or on areas where surface temperature is below 50 °F. Whenever possible, we recommend application over a white background. ~~Unpainted~~ surfaces should be properly primed with a quality oil-based primer Alkyd Enamel Primer #10571. Consult manufacturers' specifications for proper surface type and preparation in order to achieve satisfactory adhesion.

Painted surfaces in good condition painted with other *matte* or *flat* latex coatings should not require additional surface preparation; however, we highly recommend testing a small area to insure satisfactory adhesion.

Glossy surfaces must be lightly sanded and followed up with a quality oil-based primer. Again check the manufacturer's application recommendations.

METALLIC BASE CLEAR COATING

In some instances, clear coating may be required to improve gloss or washability. However, we do **not** recommend regular cleaning of this finish. If a clear coat is desired, we recommend our Latex Clear Coat #10559 or Modified Alkyd Clear Coat #10560 over pearlescent base coats. Over metallic base coats we recommend only our Modified Alkyd Clear Coat #10560. Other manufacturer's clear coats could be used, however, it is **extremely important** to test these and any other products used as a clear coat for compatibility with our finishes. Many products may discolor our metallic finishes and Crescent Bronze assumes no responsibility for the results obtained when using these products.

DRY TIME

At 70 °F and 50% relative humidity, will dry to touch in approximately 30 minutes to an hour. Print free time is about 2 hours and may be re-coated after 12 hours. Cooler and more humid conditions will extend these timeframes.

COVERAGE

Approximately 375 - 450 square feet per gallon (at 1 mil D.F.T.), depending on surface condition and application method. One coat may be satisfactory (depending on background color and application method); but we recommend two coats for best results. Recommended dry film thickness is .75 - 2.0 mils.

THINNER/CLEANUP

Some spray applications may require slight thinning for proper use. If necessary, thin with water at a rate of 6-12% (by volume) or about 8 to 16 ounces per gallon. Clean up with warm soapy water immediately after use.

PHYSICAL DATA

Viscosity:	1000 +/- 100 cps
Weight per gallon:	8.88 +/- .15 lbs.
% Solids by weight:	38.66 +/- 1.00
V.O.C. As supplied:	.56 lbs/gal (68 g/l)
V.O.C. Less water:	1.23 lbs/gal (148 g/l)
Flash Point:	191 °F
Gloss:	80° Minimum

HAZARDS: See product MSDS for suggested guidelines for use and handling of this product.

NOTE: Since we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or accuracy of this information, or the suitability of our products for a given situation. Users of our products should make their own evaluation to determine the suitability of our products for THEIR particular purposes. For this reason, the products discussed here are sold without such warranty, either expressed or implied.