

UNIPEARL® 835



Pearlescent Colorants



UNIPEARL® colorants are patented, universal, machine dispensable pearlescent colorants for use in special effect finishes. They can be used in both clear alkyd and water-based coatings. UNIPEARL® colorants can be used either by themselves in a glaze or neutral base over a colored substrate or in combination with COLORTREND® colorants. Dispensing at the point of sale allows for the most flexibility in color and effect. Moreover, it allows the retail store to offer an unlimited palette of pearlescent finishes with a small investment in inventory.

Chemistry and Compatibility

UNIPEARL® colorants are designed for use in faux finishes, decorative coatings, wall coverings and specialty finishes. UNIPEARL® colorants are compatible with nitrocellulose lacquers, epoxy alkyd, acrylic latex, catalyzed and waterreducible urethane coatings.

Since UNIPEARL® colorants do not contain a binder, they will not form a film and must be used in a coating. Recommended starting levels are 2.5 ounces of UNIPEARL® colorant to 0.5 ounces of COLORTREND® colorant in a quart of glaze, neutral base or coating.

These values are flexible and can be adjusted to achieve the desired color and effect.

UNIPEARL® colorants are made with industrial grade pearlescent pigments. These pigments consist of mica platelets treated with titanium dioxide, iron oxide or a combination of both. These materials have different refractive indices and the pearlescent effect comes from the interaction of light with the layers of these materials.

Permanence

UNIPEARL® colorants have very good light fastness and weathering characteristics. Their performance in exterior coatings is highly dependent on the choice of coating and accompanying pigments. Coatings designed for use in exterior applications should be tested to determine if they meet the end use requirements or if they require a weather-treated grade of pearlescent pigment. UNIPEARL® colorants can be used as low as 2% by weight and as high as 15% by weight.

Handling

UNIPEARL® colorants will settle on standing due to the high specific gravity of the pigment. Stirring or agitation easily re-disperses them.

Dispensing

If you anticipate high volume turnover of UNIPEARL® colorants, the use of automatic tinting machines is appropriate. However, if you expect a low turnover rate, a manual tinting machine would be more appropriate.

Quality

UNIPEARL® colorants are carefully controlled to ensure that products provide consistent color, grind, pH and viscosity.

835 SERIES TECHNICAL DATA

% Composition by Weight % Composition by Volume VOC

Product Code	Product Description	Typical Lbs/Gal	Specific Gravity	Pigment Solids	Vehicle Solids	Volatiles	Pigment Solids	Vehicle Solids	Volatiles	Lbs /Gal	g/L*
835-0134	PEARLESCENT SILVER	10.6	1.28	30.0	11.0	59.0	12.7	14.0	73.3	3.7	439
835-1234	PEARLESCENT GOLD	10.6	1.28	30.0	11.0	59.0	12.7	14.0	73.3	3.7	443
835-1734	PEARLESCENT COPPER PENNY	10.6	1.28	28.0	10.7	61.3	11.7	13.5	74.8	4.3	521

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