

# Luminations

## PRODUCT DATA SHEET



### FINISH DESCRIPTION

#### Luminations / Shimmering natural textures

Luminations contains ground mica particles that create a light catching effect and add depth to this legendary multicolor finish.

### FEATURES

### BENEFITS

<b>Finish</b>	Reflective and textured finish with ground mica
<b>Formulation</b>	Waterbase / 100% Acrylic
<b>Colors</b>	Thousands of colors available.
<b>Easy Application</b>	Conventional Spray Equipment.
<b>Lead Time</b>	3-5 days for stock colors. 7-10 for custom colors.
<b>Waterbased / Low VOC</b>	Meets all environmental requirements.
<b>Warranty</b>	5 - Year manufacturer's warranty against adhesion failure if product
<b>Class A fire rated</b>	Like all Zolatone finishes, Luminations is Class A fire rated.

### WHERE TO SPECIFY LLUMINATIONS

Zolatone Finishes are designed for vertical wall surfaces yet can be applied to imperfect substrates like Block, Tile, Metal, etc. along with Architectural Elements, Features and Ceilings.

Corporate Spaces	Educational Facilities	Healthcare Facilities	Other Applications
Corridors	Corridors	Corridors	Theaters
Offices	Offices	Offices	Exercise rooms
Lobby areas	Lecture halls	Waiting areas	Pool areas
Conference rooms	Auditoriums	Examination rooms	Escalator areas
Cafeterias	Gymnasiums	Meeting rooms	Elevator areas
Lunch rooms	Locker rooms	Cafeterias	Passenger terminals
Bathrooms	Bathrooms	Bathrooms	Baggage claim areas
Stairwells	Dormitories	Stairwells	Parking areas

**Suitable Substrates** / Primed sheetrock (level 4), previously painted surfaces, consistently textured surfaces, ceramic tile, etc. (All substrates must be prepped and primed with un-tinted white primer.)

### SURFACE PREPARATION

Surfaces should be clean, dry and free of dust, grease, wax or other contaminants. Gloss surfaces need to be deglossed or scuff sanded prior to priming and finish application. Stains should be spot primed with a quality Stain Blocking primer before general priming. All primers need to be un-tinted white primer.

## APPLICATION INFORMATION

<b>System Components</b>	Un-Tinted White Primer (Sealing, Bonding, or Other), Zolatone Luminations.
<b>Method</b>	Spray only. Luminations should be sprayed using conventional spray equipment according to manufacturer's published installation instructions. Consult application guide or visit <a href="http://www.zolatone.com">www.zolatone.com</a> regarding proper spray equipment, set up and technique. DO NOT SPRAY WITH AIRLESS SPRAY EQUIPMENT
<b>Tinting</b>	Do not tint primer. Do not tint material.
<b>Thinning</b>	Product is ready for use. Consult application guide or call (800) 765-6699 for details on evaluating and adjusting material viscosity.
<b>Dry Time</b>	Air dry @ 70°F and 50% relative humidity. To touch in 2-4 hours. Full cure in 7-10 days.

## TECHNICAL INFORMATION

<b>Coverage Rate:</b>	Up to 150 sq. ft. per gallon depending upon color, pattern size, surface porosity, surface texture and method of application.
<b>Dry Film Thickness:</b>	Average 3.0 mils.
<b>Solid by Volume:</b>	29-32%
<b>Specular Gloss:</b>	Maximum of 10 @ 60° Angle
<b>DOT Shipping Class:</b>	Not regulated
<b>VOC Content:</b>	60 g/L
<b>Solids by Weight:</b>	35-40%
<b>Service Temp:</b>	Min. 50°F Max. 85°F
<b>Flash Point:</b>	Not applicable
<b>Caution:</b>	Protect from freezing. Do not apply when temperature of paint or surface is below 50° F.
<b>Shelf Life:</b>	6 months from ship date

## PERFORMANCE TESTING

A. V.O.C.: Less than 60 grams/liter (waterbase acrylic formula)	ASTM-3960
B. ContinuousColor™: Complete integration of color particles within and throughout the paint finish.	
C. Fire Rating: Class "A" Fire Rated	ASTM E-84
D. Scrubability: 3,000 cycles (to system failure).	ASTM D-2486
E. Abrasion Resistance: 224 mg loss / 1000 cycles / 1000 gram weight.	ASTM D-4060
F. Accelerated Weathering: 500 hours. No chalking or change in film integrity. Very good color retention. Excellent water resistance.	ASTM G-53
G. Stain Resistance: Resistant to the following: catsup, butter, orange juice, soda, vegetable oil, motor oil and betadine.	ASTM D 1308
H. Washability: No Change in Specular Gloss (100 cycles).	Fed Std 141B Method 6141
I. Resistance to Common Cleaners and Disinfectants including: soapy water, liquid cleansers, mild-abrasive cleansers, 70% isopropyl alcohol solutions. Film Not Affected.	ASTM D-1308
J. Adhesion Over Primed Surfaces: Good adhesion.	ASTM D-3359
K. Hardness-Pencil: HB-F	ASTM D-3363
L. Flexibility Test: No cracking of film when bent around a 1/8" mandrel.	ASTM D-522
M. Resistance of Emulsion Paint in the Container to attack by Micro-Organism. No Growth	ASTM D-2574
N. Permeability: 5.2 - 7.4 perms (with SP97 or SP203 primer)	ASTM D-1653
O. Mildew and Fungal Resistance: No growth.	ASTM D-2574

## PERFORMANCE TESTING

P. Bacterial Resistance: No growth.	ASTM D-3456
Q. Flashpoint: D.O.T. / OSHA - Not Regulated	ASTM D-56
R. Specular Gloss: Maximum of 10 @ 60°.	ASTM D-523
S. Impact Resistance: Pass: 60 lbs.-in, no visible cracking (over Bonderite Steel Panel)	ASTM D-2794
T. Lifting: Counterpointe can be recoated, painted or covered with sheet goods without stripping.	Fed Std 141B Method 6552
U. Hiding power of paints by reflectometry: Not less than .96 contrast ratio. Passes LEED requirement of minimum .95 contrast ratio.	ASTM D-2805

## WARRANTY

Master Coating Technologies warrants the Zolatone components of this finish system against manufacturing defect for a period of five years from the date of application when applied to a wall surface according to manufacturer's current printed instructions. Manufacturing defect is defined to be a failure of the coating system to adhere to a wall surface when applied according to manufacturer's printed instructions, and does not include subsequent failure or damage caused by exogenous factors such as substrate failure or defect, sharp objects, persons, or acts of God. In the event of a failure resulting from manufacturing defect, the product will be replaced. Master Coating Technologies shall have no obligation to or otherwise participate in labor or other costs associated with replacing the product.



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