

Flex Pearl

PRODUCT DATA SHEET



FINISH DESCRIPTION

Flex Pearl / Subtle pearlescent color

Silky pearlescent colorants and a natural mica additive give Flex Pearl a shimmering look that rolls on with ease. Flex Pearl's pearlescent effect brightens interior spaces giving architectural details a diffused, inner light.

FEATURES

Finish**Formulation****Colors****Easy Application****Lead Time****Waterbased / Low VOC****Warranty****Class A fire rated**

BENEFITS

Pearlescent with finely ground mica particles

Waterbase / 100% Acrylic

Thousands of colors available.

Roller applied.

3-5 days for stock colors. 7-10 for custom colors.

Meets all environmental requirements.

5 - Year manufacturer's warranty against adhesion failure if product

Like all Zolatone finishes, Flex Pearl is Class A fire rated.

WHERE TO SPECIFY FLEX PEARL

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

Corridors
Offices
Lobby areas
Conference rooms
Cafeterias
Lunch rooms
Bathrooms
Stairwells

Educational Facilities

Corridors
Offices
Lecture halls
Auditoriums
Gymnasiums
Locker rooms
Bathrooms
Dormitories

Healthcare Facilities

Corridors
Offices
Waiting areas
Examination rooms
Meeting rooms
Cafeterias
Bathrooms
Stairwells

Other Applications

Theaters
Exercise rooms
Pool areas
Escalator areas
Elevator areas
Passenger terminals
Baggage claim areas
Parking areas

Suitable Substrates / Primed sheetrock (level 5), 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

System Components	Un-Tinted White Primer (Sealing, Bonding, or Other), Zolatone Flex Pearl.
Method	Roll only. Flex Pearl should be applied according to manufacturer's published installation instructions. Consult application guide or visit www.zolatone.com regarding proper set up and technique.
Tinting	Do not tint primer. Do not tint material.
Thinning	Product is ready for use. Consult application guide or call (800) 765-6699 for details on evaluating and adjusting material viscosity.
Dry Time	Air dry @ 70°F and 50% relative humidity. To touch in 2-4 hours. Full cure in 7-10 days.

TECHNICAL INFORMATION

Coverage Rate:	Up to 160 sq. ft. per gallon depending upon color, pattern size, surface porosity, surface texture and method of application.
Dry Film Thickness:	Average 2.0 - 3.0 mils.
Solid by Volume:	29-32%
Specular Gloss:	Maximum of 15 @ 60° Angle
DOT Shipping Class:	Not regulated
VOC Content:	<50 g/L
Solids by Weight:	38-42%
Service Temp:	Min. 50°F Max. 85°F
Flash Point:	Not applicable
Caution:	Protect from freezing. Do not apply when temperature of paint or surface is below 50° F.
Shelf Life:	6 months.

PERFORMANCE TESTING

A. V.O.C.: Less than 50grams/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: B	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: 7.5 - 11.4 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 15 @ 60°.	ASTM D-523
S. Impact Resistance: Pass: 40 lbs.-in, no visible cracking (over Bonderite Steel Panel)	ASTM D-2794
T. Lifting: Flex Pearl 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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