

Product Data Sheet



Product Name	Lluminations™ by Zolatone®
General Description	Waterbased coating comprised of highly reflective, natural colorants encapsulated in an acrylic resin and suspended in an aqueous solution.
Recommended Uses	All interior surfaces, including walls, ceilings, columns and other architectural components. Not intended for use on floors, countertops or other horizontal surfaces. Not intended for floors, exterior applications, or in areas subject to frequent water contact.
Surface Preparation	Surfaces should be clean, dry, free of dust, grease or other contaminants. De-gloss if necessary. Surfaces should be prepared to accept an egg-shell or semi-gloss paint finish. When applying over new sheet-rock, a minimum LEVEL 4 drywall finish is recommended. All water soluble stains must be spot primed with SP222 ECO-BLOCK Stain Blocker prior to general priming.
DOT Class	Waterbased—not regulated.

Application Information

Spray	Spray only. Apply material with conventional spray equipment and according to manufacturer's published installation instructions. Consult with manufacturer regarding the use of External Mix or HVLP spray equipment. DO NOT USE AIRLESS SPRAY EQUIPMENT.
Tinting	Do not tint.
Thinning	Product is ready for use. See Lluminations by Zolatone Application Guide for details on evaluating and adjusting material viscosity.
Clean-up:	Flush material hose and equipment with warm soapy water. If material has dried, flush entire system with lacquer thinner.

Specifications

VOC	Maximum 60 grams/liter; maximum 0.5 lbs/gallon
Coverage Rate	Up to 90-110 square feet/gallon (up to 9-10 sq meters/gal) depending on pattern size, surface porosity, surface texture and method of application.
Specular Gloss	Maximum 10 @ 60° angle
Dry Time	Dry To Touch: 2-4 Hours Dry Hard: Overnight Full Cure: 7-14 Days
	} Drying time may vary depending on humidity and temperature.
Environmental	Consult with local regulatory and government authorities on proper disposal instructions.
Caution	Protect from freezing. Do not apply when temperature of paint or surface is below 50° F.

Luminations Test Results

Test Name	Result	ASTM Number	
1	Fire Safety	Class A Fire Rated	E-84
2	ContinuousColor™	Complete integration of color particles within and throughout the paint finish	N/A
3	VOC	Less than 60 grams/liter	D-3960-8
4	Scrubability	Sample showed signs of system wear after 3,000 cycles	D-2486
5	Coverage	Up to 90-110 sf/gal (up to 9-10 sq meters/gal) pending pattern size, surface porosity and method of application	D-3359
6	Adhesion Over Primed Surfaces	Good	D-3359
7	Hardness: Pencil	HB-F	D-3363
8	Specular Gloss	Maximum of 10 at 60° angle	D-523
9	Flexibility	No cracking of film when bent around 1/8" mandrel	D-522
10	Mildew and Fungus Resistance	Visually no growth	D-3273
11	Accelerated Weathering	500 hours very good color retention; no chalking; excellent film integrity	G-53
12	Impact	Pass; 60 lbs./in., no visible cracking	D-2794
13	Stain Resistance	Resistant to catsup, butter, orange juice, soda, vegetable oil, acetic acid, motor oil	D-1308
14	Bacterial Inhibitions	No growth	D-3456
15	Abrasion Resistance	168 mg loss/1000 cycle 1000 grams (weight)	D-4060-84
16	Resistance of Emulsion Paint in the Container to Attack by Microorganism	No growth	D-2574
17	Flash Point	Not applicable; does not burn	D-3278
18	Resistance to Common Cleaners and Disinfectants	Film not affected	D-1308