

Product Data Sheet



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| 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

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| 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

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| 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 | } Drying time may vary depending on humidity and temperature. |
| | Dry Hard: | Overnight | |
| | Full Cure: | 7-14 Days | |
| 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. | | |

Illuminations 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 |