

# Product Data Sheet



**Product Name**                    **Airless™ by Zolatone®**

**Description/Uses**                Airless™ by Zolatone® is a fast and easy-to-apply waterbase multicolor finish. It is visually complex, layered and dimensional in appearance and has outstanding durability, cleanability, and repairability characteristics. As with all our waterbase products, Airless by Zolatone is extremely low in VOC, breathable, contains active biocides to resist growth of mold and mildew on the paint film and is well suited for installation in any continuously occupied space. Airless by Zolatone can also assist in the acquisition of LEED Credit # 4.2 for Low Emissions: Paints and Coatings.

Use Airless by Zolatone to finish interior walls, columns, ceilings and other architectural components. Not intended for floors, exterior applications or areas subject to continuous water contact.

**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 base coat application. Water-soluble stains should be spot primed with SP222 ECO-BLOCK™ Stain Blocker before general priming. All surfaces should be prepared with the proper Zolatone Interior Finishes' basecoat (white in color – DO NOT TINT) as detailed in the Basecoat Selection Guide.

## Application Information

**Method**                                Airless Spray only, per manufacturer's published installation instructions. Consult Application Guide or visit [www.zolatone.com](http://www.zolatone.com) for details.

**Tinting**                                Do not tint.

**Thinning**                                Not normally required. If necessary, adjust viscosity by thinning material with no more than 6 oz. of water per gallon.

**Drying**                                 Air dry @ 70 F and 50% R.H.  
To touch 2-4 hours. Dry hard overnight. Full cure within 7-10 days.  
Drying time may vary depending on humidity and temperature.

## Specifications

<b>Coverage Rate</b>	Up to 125 square ft/gallon depending upon surface porosity, surface texture and method of application. (Up to 14-16 m <sup>2</sup> per gallon).		
<b>Dry Film Thickness</b>	Average 2.5 – 3.0 mils.	<b>Maximum VOC</b>	60 grams per liter
<b>Solid by Volume</b>	29-32%	<b>Solids by Wt.</b>	38-42%
<b>Specular Gloss</b>	Maximum of 10 @ 60angle	<b>ServiceTemp</b>	Min. 50F    Max. 85 F
<b>DOT Shipping Class</b>	Not Regulated	<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.		

## Performance Test Results

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A.	V.O.C.: Less than 60grams/liter (waterbase acrylic formula)	ASTM-3960
B.	ContinuousColor™: Complete integration of color particles within and throughout the paint finish.	
C.	Coverage: Up to 140-165 square feet per gallon (up to 14-16 sq. meters per gallons) pending surface porosity, surface texture, and equipment used.	
D.	Fire Rating: Class "A" Fire Rated	ASTM E-84
E.	Scrubability: 3,180 cycles (to system failure).	ASTM D-2486
F.	Abrasion Resistance: 101 mg loss / 1000 cycles / 1000 gram weight.	ASTM D-4060
G.	Accelerated Weathering: 500 hours. No chalking or change in film integrity. Very good color retention. Excellent water resistance.	ASTM G-53
H.	Stain Resistance: Resistant to the following: catsup, butter, orange juice, soda, vegetable oil, motor oil and betadine.	ASTM D 1308
I.	Washability: No Change in Specular Gloss (100 cycles).	Fed Std 141B Method 6141
J.	Resistance to Common Cleaners and Disinfectants including: soapy water, liquid cleansers, mild-abrasive cleansers, 70% isopropyl alcohol solutions. Film Not Affected.	ASTM D-1308
K.	Adhesion Over Primed Surfaces: Good adhesion.	ASTM D-3359
L.	Hardness-Pencil: HB	ASTM D-3365
M.	Flexibility Test: No cracking of film when bent around a 1/8" mandrel.	ASTM D-522
N.	Resistance of Emulsion Paint in the Container to attack by Micro-Organism. No Growth	ASTM D-2574
O.	Permeability: 7.5 - 11.4 perms (with SP92 or SP203 100% acrylic basecoats)	ASTM D-1653
P.	Mildew and Fungal Resistance: No growth.	ASTM D-2574.
Q.	Bacterial Resistance: No growth.	ASTM D-3456.
R.	Flashpoint: D.O.T. / OSHA - Not Regulated	ASTM D-56
S.	Specular Gloss: Maximum of 10 @ 60°.	ASTM D-523

- T. Impact Resistance: Pass: 60 lbs.-in, no visible cracking  
(over Bonderite Steel Panel) ASTM D-2794
  
- U. Lifting: Polomyx Waterbase can be recoated, painted  
or covered with sheet goods without stripping. Fed Std 141B  
Method 6252