

Product Data Sheet



Product Name Polomyx® All-Acrylic

Description/Uses "Polomyx All-Acrylic waterbase multicolor is a seamless, spray-applied paint finish. It is visually complex, layered and dimensional, and can achieve many different looks on interior walls. Functionally, it is durable, cleanable, spot repairable and cost effective. All-Acrylic is very easy to clean and provides exceptional chemical and abrasion resistance. All-Acrylic is also extremely low in VOC, breathable, resists the growth of mold and mildew on the paint film, and is well suited for installation in any continuously occupied space.

Use Polomyx All-Acrylic to finish interior walls, columns, ceilings and other architectural components. Not intended for floors, exterior applications or areas subject to frequent water contact.

(Note: This product data sheet may also be used for products identified as Polomyx Waterbase or Zolatone Waterbase multicolor finishes).

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 as detailed in the Basecoat Selection Guide.

Application Information

Method Spray only. Polomyx All-Acrylic should be sprayed using conventional spray equipment and according to manufacturer's published installation instructions. Consult Application Guide or visit www.zolatone.com regarding the use of HVLP spray equipment. DO NOT USE AIRLESS SPRAY EQUIPMENT.

Tinting Do not tint.

Thinning Product is ready for use. See All-Acrylic Application Guide for details on evaluating and adjusting material viscosity

Drying Air dry @ 70 ° F and 50% R.H.
To touch 1-2 hours. Dry hard overnight. Full cure within 7-10 days.
Drying time may vary depending on humidity and temperature.

Specifications

Coverage Rate Up to 125-175 square ft/gallon depending upon pattern size, surface porosity, surface texture and method of application. (Up to 13-18 m² per gallon).

Dry Film Thickness Average 3.0 mils. Maximum VOC 60 grams per liter

Solid by Volume 25-30% Solids by Wt. 35-40%

Specular Gloss Maximum of 10 @ 60 ° angle Service Temp Min. 50 ° F Max. 85 ° F

DOT Shipping Class Not Regulated Flash Point Not Applicable

Caution Protect from freezing. Do Not apply when temperature of paint or surface is below 50° F.

Performance Test Results

A.	V.O.C.: Less than 60grams/liter	ASTM-3960
B.	ContinuousColor™: Complete integration of color particles within and throughout the paint finish.	
C.	Coverage: Up to 125-175 square feet per gallon (up to 13-18 sq. meters per gallons) pending pattern size, surface porosity, surface texture and method of application.	
D.	Fire Rating: Coating shall be Class “A” Fire Rated	ASTM E-84
E.	Scrubability: 5130 cycles (slight wear).	ASTM D 2486.
F.	Scrubability: 40,000+ cycles (no wear)	Fed Std 141 B Method 6142
G	Abrasion Resistance: 50 mg loss / 1000 cycles / 1000 gram weight.	ASTM D-4060-84
H.	Accelerated Weathering: 2000 hours. No chalking or change in film integrity. Very good color retention. Excellent water resistance.	ASTM G-53
I.	Stain Resistance: Resistant to the following: mustard, catsup, butter, orange juice, soda, vegetable oil, acetic acid, gasoline, motor oil and betadine.	ASTM D 1308
J	Practical Washability of Organic Coatings: Rated “7” or higher for each stain tested. Passes LEED™ requirement of minimum “7” rating.	ASTM D-4828
K.	Washability: No Change in Specular Gloss.	Fed Std 141B Method 6141
L.	Resistance to Common Cleaners and Disinfectants including: soapy water, liquid cleansers, mild-abrasive cleansers, 70% isopropyl alcohol solutions. Film Not Affected.	ASTM D-1308
M.	Adhesion Over Primed Surfaces: Good adhesion.	ASTM D-3359
N.	Hardness-Pencil: 2B	ASTM D-3363
O.	Flexibility Test: No cracking of film when bent around a 1/8” mandrel.	ASTM D-522
P.	Resistance of Emulsion Paint in the Container to attack by Micro-Organism. No Growth	ASTM D-2574
Q.	Permeability: 5.2 perms (with SP92 or SP203, 100% acrylic basecoats)	ASTM D-1653

R.	Mildew and Fungal Resistance: No growth.	ASTM D-3273.
S.	Bacterial Resistance: No growth.	ASTM D-3456.
T.	Flashpoint: D.O.T. / OSHA - Not Regulated	ASTM D-56
U.	Specular Gloss: Maximum of 10 @ 60°.	ASTM D-523
V.	Impact Resistance: Pass: 80 lbs.-in, no visible cracking (over Bonderite Steel Panel)	ASTM D-2794
W.	Hiding Power of Paints by Reflectometry: not less than .96 contrast ratio. Passes LEED™ requirement of minimum .95 contrast ratio.	ASTM D-2805
X.	Lifting: Polomyx Waterbase can be recoated, painted or covered with sheet goods without stripping.	Fed Std 141B Method 6252