

WALLcontrol™ Acrylic VP Liquid AWB

Commercial Product Data Sheet

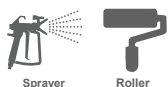


Description:

WALLcontrol™ Acrylic VP Liquid AWB is a vapor permeable, liquid-applied acrylic membrane designed as an air and water-resistive barrier for commercial walls. The non-slumping formulation can be applied by spray or roller in a single continuous coat up to 60 mils. This AWB is ideal for more difficult-to-cover areas such as curved surfaces, openings or corners — and can be applied to many substrates including OSB, CMU block, concrete, and gypsum.

Application:

Refer to the Siplast Installation Guide for detailed application information for WALLcontrol™ Acrylic VP Liquid AWB.



Product & Packaging:

Composition	Liquid-applied, water-based, vapor permeable acrylic
Packaging	5 gallon pail
Coverage Rate*	23 – 33 sq-ft/gal

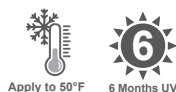
* When applied at 60 mil wet thickness. Dependent on substrate conditions (temperature and moisture), substrate porosity, application.



Control Category:



Features:



Codes & Compliance:



Storage and Handling:

Siplast WALLcontrol™ Acrylic VP Liquid products should be stored in a clean, dry environment, 40°F to 90°F (5°C to 32°C). The shelf life is 12 months for an unopened container from the date of manufacture. Store opened containers with a plastic protective liner to slow cure rate. Before reusing a previously opened container, first remove any cured material that may have formed (skinned over) at the top. Do not double stack pallets. Dispose of unused product and containers in accordance with local, state and federal regulations.

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Property (as Manufactured)		Test method	Min. Values	Typical Values
Air Control	Material Air Permeance	ASTM E2178 CAN/ULC S741	<0.004 cfm/sf	.0001 cfm/sf
	Assembly Air Permeance	ASTM E2357 CAN/ULC S742	<0.004 cfm/sf	.002 cfm/sf
Water Control	Water-Resistive Barrier Acceptance Criteria	ICC-ES AC212	Pass	Pass
	Material Water Penetration Resistance	AATCC 127	55 cm for 5 hrs	No leakage
	Assembly Water Resistance	ASTM E331	No leakage	Pass
Vapor Control	Water Vapor Permeability at 60 mils	ASTM E96 Method	≤1.0 perms	28.5 perms
Fire Control	Surface Burning Characteristics	ASTM E84	Pass	15 Flame Spread 10 Smoke Spread
	Assembly Flame Propagation	NFPA 285	Pass	Multiple Assemblies
Physical Properties	Tensile Strength	ASTM D412 (Die C)	Report	125 psi
	Skin over time	50% R.H. @ 70°F	–	3 hrs
	Elongation	ASTM D412 (Die C)	Report	327%
	Slump Resistance	ASTM C836	60 ± 5 mils	Pass
	Tensile Bond	ASTM C297	≥15 psi	DenGlass – 25 psi Plywood – 63 psi OSB – 43 psi CMU – 75 psi
	Freeze-thaw Resistance	ICC-ES AC212	No cracking, crazing, or erosion	Pass
	Low Temperature Crack Bridging	ASTM C1305	No cracking	Pass
	Low Temperature Flexibility	ASTM D522	No cracking	Pass
	Structural, Racking, Restrained Environmental Conditioning, and Water Penetration Testing	ICC-ES AC212	No cracking and no water	Pass

Data is based upon typical product performance and is subject to normal manufacturing and packaging tolerance and variation.