



WALLcontrol™ Monolith VP Adhered AWB

Commercial Product Data Sheet

Siplast WALLcontrol™ Monolith VP Adhered AWB (Air & Water-resistive Barrier) is a membrane with a high-temperature stable and low-temperature application permeable acrylic adhesive with a split siliconized release liner. WALLcontrol Monolith VP is a flexible, UV resistant, primerless membrane designed as a vapor permeable, air barrier membrane, and water-resistive barrier for commercial wall systems.

USES:
AIR BARRIER MEMBRANE
WATER-RESISTIVE BARRIER
VAPOR PERMEABLE

Certifications & Evaluations



Composition	Monolithic polymer top-sheet Permeable acrylic adhesive Siliconized release liner
Product Dimensions	Roll Length: 100 ft (12.2 m) Roll Width: 36 in (.91 m) Roll Area: 300 sq-ft (27.8 sq-m) Roll Weight: 21 lbs

Energy Efficiency & Sustainability

As part of a designed building enclosure system, this product can contribute towards LEED "Optimize Energy Performance" and IEQ "Low Emitting Materials."

PRODUCT INFORMATION

Application and Features

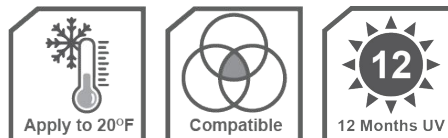
Refer to the Siplast Installation Guide for detailed application information of Siplast WALLcontrol Monolith Adhered VP AWB.



Control Category



Features

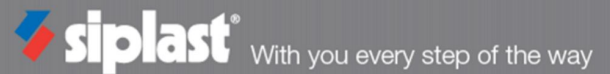


Storage, Handling, and Packaging

WALLcontrol Monolith Adhered VP AWB should be stored between 40°F - 90°F on a clean, flat surface in dry conditions out of direct exposure to the elements. Pallets should not be double stacked. Material should be handled so that it remains dry prior to and during installation. Use appropriate safety equipment and job-site controls during application and handling. Dispose of unused product and containers in accordance with local, state and federal regulations.
 Rolls Per Pallet: 20

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Physical and Mechanical Properties



Property (as Manufactured)		Test Method	Min. Value	Typical Values
AIR CONTROL	Material Air Permeance	ASTM E2178 CAN/ULC S741	< 0.004 cfm/sf	< 0.0002 cfm/sf Pass
	Assembly Air Permeance	ASTM E2357 CAN/ULC S742	< 0.040 cfm/sf	< 0.0019 cfm/sf Pass
WATER CONTROL	Water-Resistive Barrier Acceptance Criteria	ICC ES AC 38	Pass	Pass
	Material Water Penetration Resistance	AATCC 127	No Leakage	55 cm for 5 hrs
	Water Penetration Resistance at Fasteners	AAMA 711 Section 5.2	No Leakage	Pass
VAPOR CONTROL	Water Vapor Permeability	ASTM E96/E96M	Vapor Class Method A / B	Vapor Permeable 14 / 20 US Perms
FIRE CONTROL	Surface Burning Characteristics	ASTM E84	Pass	Class A 15 Flame Spread 10 Smoke Developed
	Assembly Flame Propagation	NFPA 285	Pass	Multiple Assemblies
PHYSICAL PROPERTIES	Peel Adhesive Strength to Substrates	ASTM D3330	≥1.5 pli	8 pli Exterior gypsum 8 pli Aluminum 8 pli CMU
	Lap Adhesion	ASTM D3330 Method B	≥5.0 pli	8.5 pli
	Pull Adhesive Strength to Substrates	ASTM D4541	≥16 psi	>50 psi Exterior gypsum >50 psi Plywood >50 psi CMU
	Elongation	ASTM D412 Method A Die C	200%	MD: 20% XD: 200%
	Accelerated UV Aging	AAMA 711 Section 5.4 - 7 days	≥1.5 pli	7 pli
	Elevated Temperature Exposure	AAMA 711 Section 5.5 - 7 days @ 176°F(80°C) - Level 3	≥1.5 pli	6 pli
	Thermal Cycling	AAMA 711 Section 5.6 - 10 days	≥1.5 pli	6 pli

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

WARRANTY INFORMATION

Siplast WALLcontrol products are backed by a limited product warranty. Visit siplast.com to see current published sample warranties, contact your local Siplast Representative, or call toll-free at (800) 922-8800 for more information.