

Siplast SA 300VP AWB

Commercial Product Data Sheet

Description:

Siplast SA 300VP AWB is a self-adhesive air and water-resistant membrane. It has a pressure-sensitive adhesive with a split siliconized release liner. Flexible and primerless, the membrane is designed as a vapor permeable water-resistant barrier for commercial wall systems.

Application:

Refer to the Siplast Installation Guide for detailed application information for Siplast SA 300VP AWB.



Product & Packaging:

Composition		Spunbond polypropylene topsheet Pressure-sensitive adhesive Siliconized release liner
Product Dimensions	Roll Size	5 ft. x 100 ft. (1.5m x 30.5m) 500 sq ft per roll (45.8 sq-m)
	Roll Weight	30 lbs/roll
Packaging	Pallet Quantity	25 rolls 12,500 sq ft. (1144 sq-m)



Control Category:



Features:



Codes & Compliance:



Storage and Handling:

Siplast SA 300VP 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.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

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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	< 0.0001 cfm/sf Pass
	Assembly Air Permeance	ASTM E2357 CAN/ULC S742	< 0.040 cfm/sf	< 0.006 cfm/sf Pass
Water Control	Water-Resistive Barrier Acceptance Criteria	ICC ES AC 38	Pass	Pass
	Material Water Penetration Resistance	AATCC TM 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 B	Vapor Permeable 36 US Perms
Fire Control	Surface Burning Characteristics	ASTM E84	Pass	Class A 0 Flame Spread 0 Smoke Developed
	Assembly Flame Propagation	NFPA 285	Pass	Multiple Assemblies
Physical Properties	Peel Adhesive Strength to Substrates	ASTM D3330 Method F	≥1.5 pli	Pass
	Lap Adhesion	ASTM D3330 Method B	≥5.0 pli	≥5.0 pli
	Pull Adhesive Strength to Substrates	ASTM D4541	≥16 psi	>50 psi Exterior Gypsum >50 psi Plywood >50 psi CMU
	Breaking Strength	ASTM D3759 Procedure A	≥5.7 pli	40 pli
	Accelerated UV Aging	AAMA 711 Section 5.4 – 7 days	≥1.5 pli	5.8 pli
	Elevated Temperature Exposure	AAMA 711 Section 5.5 – 7 days @ 176°F(80°C) – Level 3	≥1.5 pli	4.8 pli
	Thermal Cycling	AAMA 711 Section 5.6 – 10 days	≥1.5 pli	2.0 pli

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

Contact your local Siplast Representative, or call toll-free at (800) 922-8800 for more information.