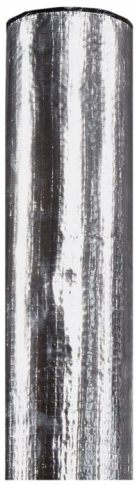

WALLcontrol™ REINFORCED ALUMINUM BUTYL ADHERED AWB

Commercial Product Data Sheet

Siplast WALLcontrol Reinforced Aluminum Butyl Adhered AWB (Air & Water-resistive Barrier) is a 40 mil self-adhesive air barrier membrane with a high-temperature stable and low-temperature application butyl adhesive with a split siliconized release liner. WALLcontrol Reinforced Aluminum AWB is flexible, UV resistant, primerless membrane designed as a non-vapor permeable, air barrier membrane, and water-resistive barrier for commercial wall systems.

USES:
AIR BARRIER MEMBRANE
WATER-RESISTIVE BARRIER
NON-VAPOR PERMEABLE

Certifications & Evaluations

ICC-ES AC38 Compliant
NFPA 285 Compliant
AAMA 711 Class 3

Composition	Aluminum topsheet Reinforcement film and grid Butyl adhesive Siliconized release liner
Product Dimensions	Thickness: 40 mils (1 mm) Roll Length: 40 ft (12.2 m) Roll Width: 39 in (1 m) Roll Area: 130 sq-ft (12 sq-m) Roll Weight: 25 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 Reinforced Aluminum Butyl Adhered AWB.

HIGH TEMP BUTYL Adhesive

Control Category

Water Control | Air Control | Vapor Control

Features

Apply to 20°F | Compatible | 6 Months UV

Storage, Handling, and Packaging

WALLcontrol Reinforced Aluminum AWB products 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: 64

Siplast
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Dallas, TX 75254

201 Bewicke Ave., Suite 208
North Vancouver, BC, Canada V7M 3M7

Customer Service in North America
1.800.922.8800 www.siplast.com

WALLcontrol™ REINFORCED ALUMINUM BUTYL ADHERED AWB

Physical and Mechanical Properties

siplast With you every step of the way

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
	Assembly Air Permeance	ASTM E2357 CAN/ULC S742	< 0.040cfm/sf	0.002 cfm/sf Class A1
	ABAA Evaluation	ABAA S0008	Pass	Pass
WATER CONTROL	Water-Resistive Barrier Acceptance Criteria	ICC ES AC 38	Pass	Pass
	Material Water Penetration Resistance	AATCC 127	No Leakage	55cm 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	Class I 0.07 /0.05 US Perms
FIRE CONTROL	Surface Burning Characteristics	ASTM E84	Pass	Class A 5 Flame Spread 125 Smoke Developed
	Cone Calorimeter at Incident Radiant Heat Flux of 50 kW/m2 per 2015 IBC and newer WRB exception criteria for NFPA 285	ASTM E1354: Peak Heat Release Total Heat Release Effective Heat of Combustion	<150 kW/m2 <20 MJ/m2 <18 MJ/kg	Pass, <11 kW/m2 Pass, <3 MJ/m2 Pass, <1 MJ/kg
	Assembly Flame Propagation	NFPA 285	Pass	Multiple Assemblies
PHYSICAL PROPERTIES	Peel Adhesive Strength to Substrates	ASTM D3330	≥1.5 pli	7.0 pli Plywood 6.0 pli Aluminum 3.0 pli OSB
	Pull Adhesive Strength to Substrates	ASTM D4541	≥16 psi	31 psi Exterior gypsum 30 psi Plywood 27 psi CMU
	Accelerated UV Aging	AAMA 711 Section 5.4 - 7 days	≥1.5 pli	3.2 pli
	Elevated Temperature Exposure	AAMA 711 Section 5.5 - 7 days @ 176°F(80°C) -Level 3	≥1.5 pli	8.5 pli
	Thermal Cycling	AAMA 711 Section 5.6 - 10 days	≥1.5 pli	7.6 pli
	Gap Bridging Ability	ABAA T0004	No visible cracking	Class 1, Type B (-15 F)
	Water Immersion	AAMA 711 Section 5.8	≥1.5 pli	7.8 pli Aluminum

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.

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