

RevealShield SA Self-Adhered is a black UV stable, highly vapor permeable Water Resistive Barrier (WRB) Air Barrier (AB) sheet membrane for open joint rain screen cladding systems.

- Zero VOC's
- Exceptional UV Stability
- No Primers Required
- Highly Vapor Permeable

Open Joint Application

- Installs as a single layer WRB / AB black membrane system
- Use with up to 2" wide open joint rain screen cladding
- Extremely UV stable membrane with 20 year warranty
- Uniquely suited for non-open joint cladding requiring advanced UV protection such as; perforated panels, reclaimed wood and special facades.

Building Envelope Protection

- Resists bulk water infiltration
- Allows building materials to dry out
- High drying capacity reduces the risk of damage from moisture infiltration, mold, mildew and rot

Cost Advantage

- Reduces contractor liability by using fully tested VaproShield system: single source membranes, flashings and sealants
- Installs in temperatures as low as 20°F (-6°C)
- No costly delays due to primers

Phase Construction Friendly

- Applicable for all climates
- Non-directional horizontal or vertical installation
- No specialized installation equipment required
- Sustains 180 days (6 months) UV and climate exposure prior to cladding installation.

Energy Efficiency

- Easily creates a continuous air barrier system and transitions when used with VaproShield accessories
- Reduces energy consumption when used with VaproShield's Air Barrier Systems approach

Environmental Sustainability

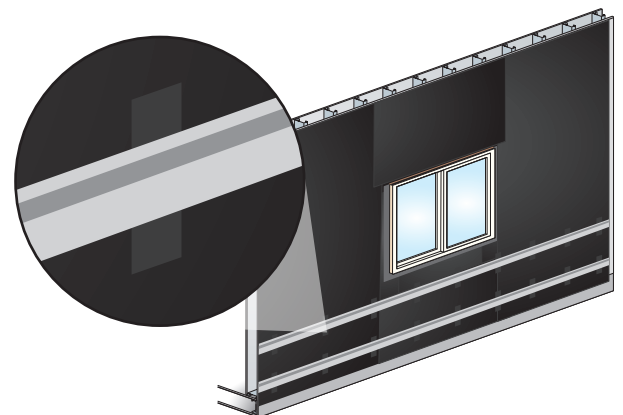
- Emits Zero VOC's; eliminates exposure to harmful and volatile chemicals
- Contributes to LEED points in Indoor Environmental Quality and Energy & Atmosphere



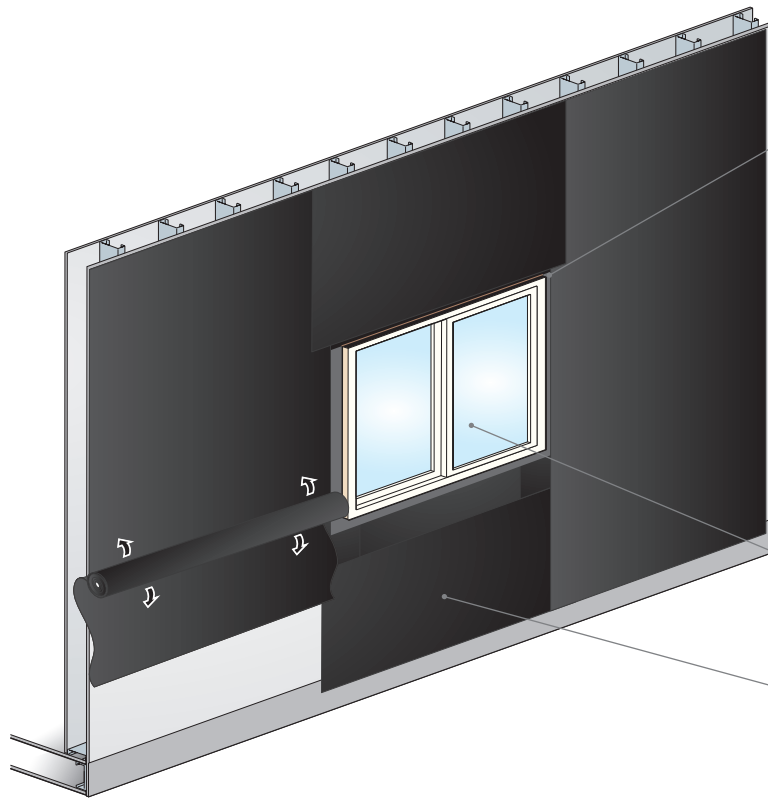
RevealShield SA Self-Adhered advanced technology adhesive requires no primers and will adhere to virtually all substrates.



RevealShield SA Self-Adhered creates the desired black reveal and UV stability behind the open joint cladding.



Create a rain screen design, ensuring maximum drying capacity using VaproShim SA Self-Adhered neoprene/EPDM accessory.



Step 1

Flash rough opening with pre-cut RevealFlashing SA Self-Adhered and apply:

VaproLiqui-Flash



or

Vapro-SS Flashing



or

VaproBond

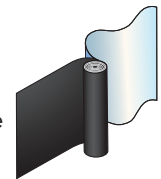


Step 2

Install window (by others)

Step 3

Install RevealShield SA Self-Adhered field membrane



Push Your Building Envelope to Perform

Promote lifelong building health with VaproShield's fully tested building envelope solutions. Our system of breathable, water resistive membranes, flashings and sealants reduce contractor liability and excessive energy consumption. Don't compromise on the most vulnerable part of your building, contact VaproShield or visit VaproShield.com to learn more about protecting your building envelope.

PROPERTY	STANDARD TEST	RESULT
Water Vapor Transmission	ASTM E96 ¹ (Method B)	15.1 g/hr•m ² (63.48 Perm) 362 g/ 24 hr•m ²
Elongation / Strength	ASTM D 5034	MD – 529 N (119 lbf) XMD – 427 N (96 lbf)

PROPERTY	STANDARD TEST	RESULT
AIR BARRIER TESTING		
Air Permeance of Building Materials	ASTM E2178	PASS <0.0002 cfm/ft ² @ 1.57 psf <0.0001 L/s•m ² @ 75Pa
Air Barrier Assembly	ASTM E2357	PASS <0.002 cfm/ft ² @ 1.57 psf <0.01 L/s•m ² @ 75 Pa
UV Stability	AC 38 Section 4.1.2	PASS , UV Stable
FIRE TESTING		
Flamespread Index	ASTM E84	0 – Class A PASS
Smoke Developed	ASTM E84	75 – Class A PASS
Assembly Fire Test	NFPA 285	Contact VaproShield Technical Team 1-866-731-7663 opt. 5

Visit VaproShield.com for:



Comprehensive Testing Data



Installation Instructions



Details

1. ASTM E 96 - Method B (wet cup method) typically gives a more realistic result for permeance for highly permeable products than does the Method A (dry cup/desiccant method).