



Breathable, Proven, Healthy Building Envelope Systems







The Confluence, Denver, CO



Who Is VaproShield?

For over a decade VaproShield has designed and manufactured high performance vapor permeable weather resistive barriers (WRB) and air barrier (AB) membranes and accessories, creating a total solution-based approach to protecting the building envelope.

Our innovative WRB/Air Barriers mitigate moisture damage and control air infiltration (air barrier) leading to a lifetime of improved indoor air quality and energy savings. VaproShield membranes are compatible with a host of substrates and cladding materials, can be installed in virtually all weather conditions and offer lower installed costs, less inventory and minimal field training.



Declare.

WrapShield SA Self-Adhered System VaproShield

Final Assembly: Chicago, IL, USA

Life Expectancy: 50+ Years

End Of Life Options: Salvageable/Reusable in its
Entirety, Recyclable (90%), Landfill (10%)

Ingredients:

**Polypropylene, Silyl Terminated Polyether,
Silane, Calcium Carbonate, Limestone,
Acrylic Polymer, Polypropylene Glycol,
Silane, Stearic Acid, Calcium Carbonate**

Living Building Challenge Criteria:

VPS-0001

VOC Content: N/A

EXP. 04/01/2017

VOC Emissions: N/A

Declaration Status

☒ LBC Red List Free

☐ LBC Compliant

☐ Declared

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY

INTERNATIONAL LIVING FUTURE INSTITUTE™ declareproducts.com



WRAPSHIELD SA® SELF-ADHERED

Water Resistive Vapor Permeable Air Barrier Sheet Membrane

Energy Saving: WrapShield SA Self-Adhered far exceeds the acceptable standards of the rigorous Air Barrier ASTM E2357 test, ensuring lifelong energy savings.

Creating Healthy Buildings: No primer and zero VOC's, ensures a lifelong healthy building.

Phase Construction Friendly: No special installation equipment or joint treatment required, six months of UV and climate exposure, vertical or horizontal application.

All Weather Construction: WrapShield SA Self-Adhered's innovative adhesive easily installs in temperatures as low as 20° F (- 6° C).

Multiple Substrate Compatibility: Adheres to multiple substrates that are clean and dry to the touch, no additional substrate preparation is needed.

Sustainability: WrapShield SA Self-Adhered System contains no red list chemicals and was recently awarded the Declare Label placing the system at the forefront of the transparency movement.

Multiple Substrate Compatibility



Waxahachie Ford, Waxahachie, TX



Bridge on Race, Philadelphia, PA



Energy Saving Air Barrier

Phase Construction Friendly

Cleveland Hopkins International Airport
Facade Renovation



Rain Screen Design



The Banks Phase II, Cincinnati, OH





SkyVue Apartments, Lansing, MI

Panelized Construction

WrapShield SA Self-Adhered WRB/Air Barrier was installed during the factory fabrication process and then transported to the job site. WrapShield SA increases fabricator profitability by adding a WRB/Air Barrier to the panelized components, eliminating the need for additional WRB/Air Barrier field installation.





Modular Construction

WrapShield SA Self-Adhered WRB/Air Barrier is ideally suited for modular factory installation.

Factory lines are kept moving with the membrane easily cut-to-size, zero VOC's and primerless application. WrapShield SA is air tight and breathable, saving energy and protecting the building envelope from moisture damage.

Fully tested flashing accessories for rough openings help ensure air and watertight glazing and cladding installation.





Project Overview

Given the complex nature of the project, tight urban space installation, WrapShield SA Self-Adhered WRB/Air Barrier was the perfect solution. Contractors successfully installed over 60,000 sq.ft without jeopardizing pedestrian safety or damaging surrounding structures, as the product is entirely self-adhering (no primers required) and contains no harmful VOC's.

Architect: Solomon Cordwell Buenz







Project Overview

The Radius at the Banks Phase II project switched to WrapShield SA Self-Adhered WRB/Air Barrier, citing the product's versatility and ability to be installed in temperatures that were too cold for the originally specified fluid-applied barrier.

WrapShield SA was easily applied in the windy high-rise conditions, eliminating the need for overspray containment on adjacent structures.

Architect:
The Preston Partnership

Contractor:
Brasfield & Gorrie

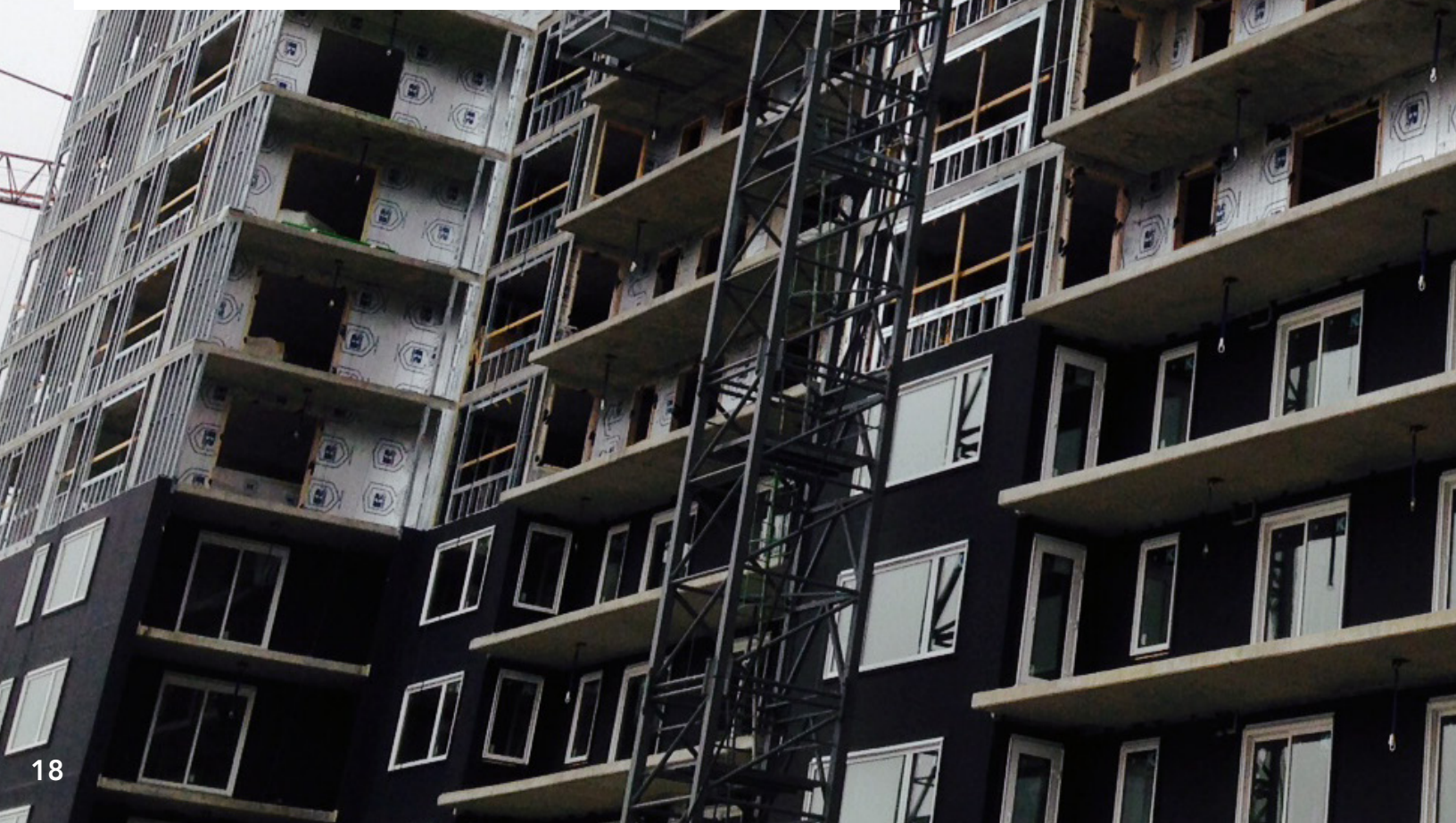
Radius at the Banks, Cincinnati, OH



Avonhurst Gardens , Dartmouth, Nova Scotia, Canada
Architect: Dexel Creations



Over 120,000 sq. ft. of RevealShield SA Self-Adhered was installed on Avonhurst Gardens in Dartmouth, Nova Scotia.



REVEALSHIELD SA™ SELF-ADHERED

Black, UV Stable,
Vapor Permeable,
Water Resistive Barrier,
Air Barrier Sheet
Membrane

Open Joint Application: Apply one layer of black, UV stable, RevealShield SA Self-Adhered under open joint cladding to create the desired black reveal, providing robust WRB/Air Barrier protection for the life of the building.

Enhanced Design: RevealShield SA Self-Adhered withstands up to 2" wide open joints and a maximum of 40% total open wall area, after cladding is installed, giving architects a wide range of cladding options.

Phase Construction Friendly: No special installation equipment or joint treatment required, vertical or horizontal application.

All Weather Construction: Apply in virtually any weather, below freezing, before/after rain events.

Creating Healthy Buildings: No primer and zero VOC's, contribute to lifelong healthy indoor air quality.

Minimize Risk





Christchurch Bus Interchange, Christchurch, New Zealand
Architect: Dixel Creations



Save Labor

RevealShield SA Self-Adhered can be applied in a single layer without primer, and is highly vapor permeable, allowing the building envelope to dry out. .



Element Hotel, Fargo, ND
Architect: MedNational

Project Overview

Over 330,000 sq. ft. of WrapShield RS Rain Screen with 7mm built-in drainage matrix was installed on Mural Apartments. The drainage matrix provided a cost-effective rain screen cavity behind the stucco and fiber cement lap siding.

Architect:

Van Meter Williams Pollack

Contractor:

Roberts-Obayashi Corp.

Mural Apartments, Oakland, CA



WRAPSHIELD® RS **RAIN SCREEN**

Water Resistive Vapor Permeable Air Barrier Membrane

Built-In Rain Screen Drainage Matrix: High performance drainage matrix maintains unimpeded vertical drainage plane, creating a rain screen cavity thus increasing the drying capacity of the building envelope.

Cost and Labor Savings: Factory installed horizontal integrated tape and fully-tested accessories reduce contractor liability and takes the guesswork out of product selection.

Phase Construction Friendly: Install year round in all climates, no construction setbacks and no special equipment required.

Quick Installation: One step installation of WRB/Air Barrier and rain screen cavity reduces installation time.

Sustainability: Contributes to LEED points, zero VOC's and contributes to lifelong health and energy efficiency of the building

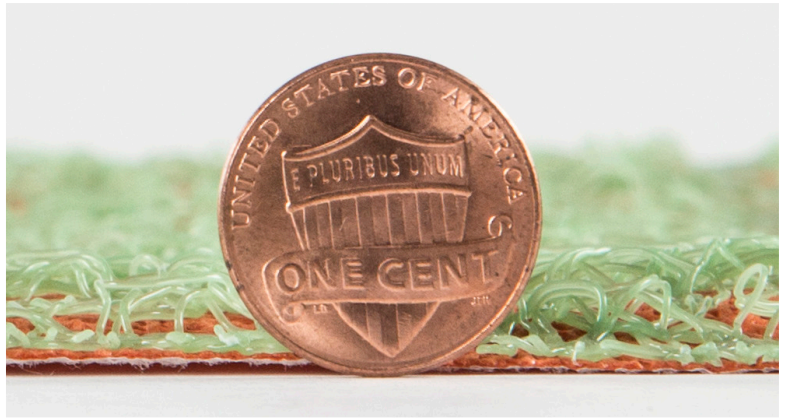


Ideal for use with Stucco

WrapShield RS Rain Screen replaced the failing WRB after black mold and rot was discovered.

High Performance Drainage Matrix

WrapShield RS Rain Screen is an all-in-one water resistive barrier and air barrier. The unique factory installed drainage matrix provides a drainage cavity and the integrated tape ensures a properly shingled installation.



Project Overview

Over 400,000 sq. ft. of WrapShield IT Integrated Tape Water Resistive Vapor Permeable Air Barrier membrane was installed on the seven-story, concrete and wood-frame Mercer Court Apartments at University of Washington in Seattle, Washington.

Architect:
Ankrom Moisan



University of Washington, Mercer Court Apts., Seattle, WA



WRAPSHIELD® IT INTEGRATED TAPE

Water Resistive Vapor Permeable Air Barrier Membrane

Reduce Liability: Integrated tape on the horizontal seams limits tape failures and ensures the 6" shingle overlap, saving valuable installation time.

All Weather Construction: Install year-round in all climates, weather conditions, and temperatures, on wet or dry sheathing, easily fitting all construction schedules.

Creating Healthy Buildings: Wet sheathing dries quickly, allowing moisture to escape, reducing the incidence of mold, mildew and wood rot in the building envelope during and after construction.

Energy Savings: WrapShield IT helps control air flow, improving energy efficiency for the life of the building when installed as part of an air barrier system.

Contractor Friendly: Use common hand tools for installation, achieve air barrier continuity by managing only two components in the field.





ska Native Health Campus, Anchorage, Alaska

Architect:
KPB Architects

Contractor:
Neeser Construction



WALLSHIELD™ IT INTEGRATED TAPE

Water Resistive Vapor Permeable Membrane

Drying Capacity: Cutting-edge drying capacity allowing interior moisture to escape, reducing risk of long-term damage from moisture infiltration, mold, mildew and rot.

Labor Saving: Horizontal tape reduces installation time, ensures proper shingle overlap and lowers material expenses.

All Climate Construction: Install year-round in all climates and temperatures; on wet or dry surfaces, easily fitting all construction schedules.

Application: Apply WallShield IT to either side of exterior insulation providing a secondary rain barrier, protecting the building enclosure against bulk water intrusion.

Sustainability: Contributes to LEED points for Indoor Environmental Quality and is 100% recyclable.



Premiere Manufacturer of Breathable, Energy Efficient Building Envelope Solutions



All Climate Installation



Breathable Zero VOC's
No Primers



Control the Effects of
Condensation Water
Intrusion Air Infiltration

