

WrapShield RS Rain Screen is a highly vapor permeable Water Resistive Barrier (WRB) and Air Barrier (AB) membrane with a **built-in rain screen drainage matrix and integrated tape** at the horizontal seams.

- Create rain screen cavity with one step installation
- Easily maintain vertical drainage plane
- Replaces furring strips and battens
- Works with all types of cladding and stucco systems

Built-in Rain Screen Drainage Matrix

- High performance matrix maintains unimpeded vertical drainage plane
- Rain screen cavity increases drying capacity of building envelope
- Multiple depth drainage matrix options: 3mm, 7mm, 11mm
- 3mm matrix creates minimal rain screen cavity, facilitating conventional installation of siding, trim, and windows
- 7mm and 11mm matrices offer enhanced drainage performance for code and/or more demanding applications

Cost and Labor Savings

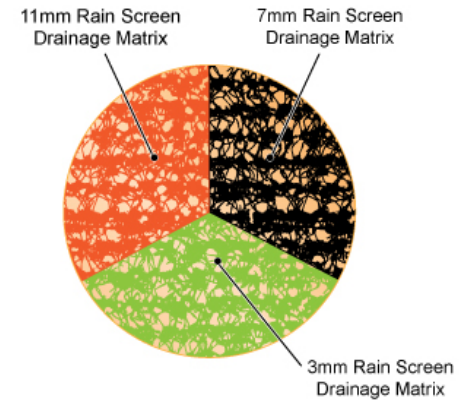
- One step installation of WRB and rain screen cavity reduces installation time
- Innovative integrated tape and horizontal lap guides ensures proper weatherboard installation
- Factory installed integrated tape and fully-tested accessories reduce contractor liability and take the guesswork out of product selection
- Single source savings eliminates purchase of additional tapes or rain screen components
- Can be used as part of an air barrier system reducing energy use for the life of the building

Phase Construction Friendly

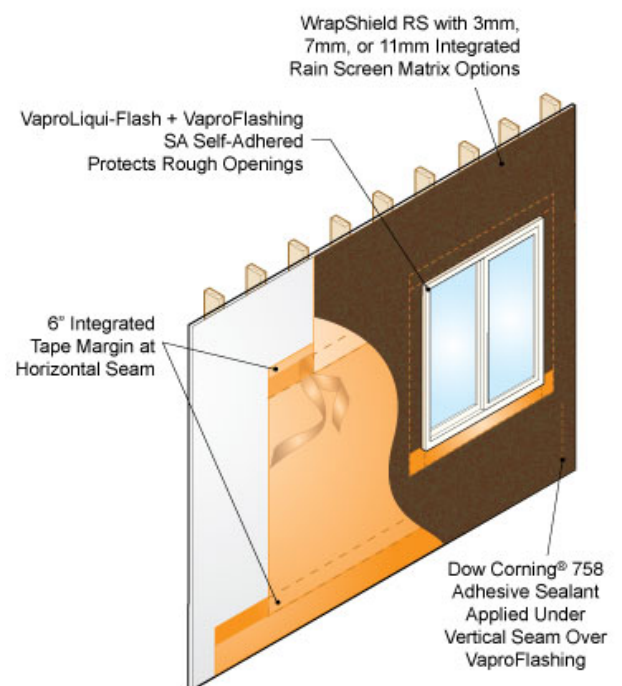
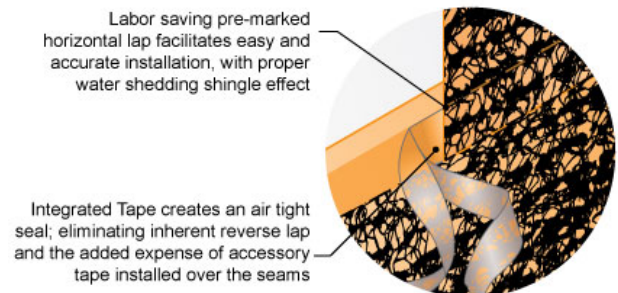
- Install year round in all climates, no construction setbacks
- No special equipment required
- Sustains up to 180 days of exposure before cladding installation

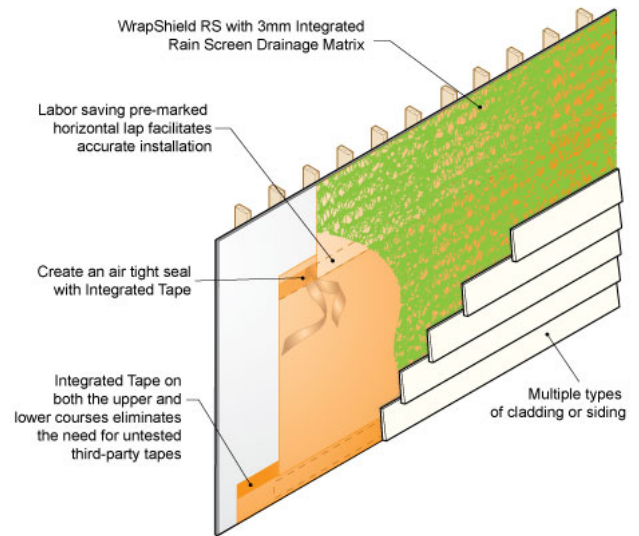
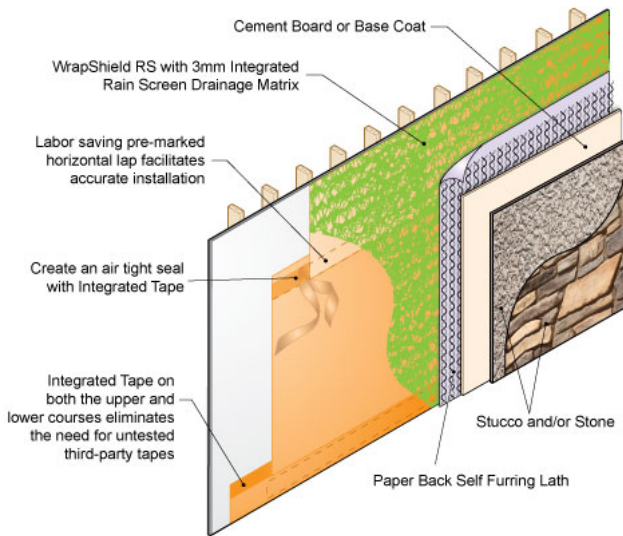
Environmental Sustainability and Durability

- Emits Zero VOC's, no exposure to harmful chemicals
- Contributes to LEED points
- Contributes to the lifelong health and energy efficiency of the building
- Guaranteed long-term durability with standard 20 year material warranty



Three rain screen drainage matrix choices offer cost saving options





NEW! WrapShield RS with 3mm Rain Screen Matrix

Tested in accordance with ICC-ES AC 38 criteria to meet IBC and IRC requirements for Water Resistant Barriers.

PROPERTY	STANDARD/TEST	RESULT
AIR BARRIER TESTING		
Air Permeance of Building Materials	ASTM 2178 (required for Massachusetts Energy Code and Air Barrier Association of America criteria)	0.0095 L/s/m ² 0.0019 cfm/ft ² PASS
Air Leakage through Wall Systems	ASTM E-283	0.00017 L/s/m ² 0.000034 cfm/ft ² PASS
Air Retarder Materials & Systems	ASTM E-1677	Type 1 Air Barrier PASS
Dry Breaking Force	ASTM D5034	MD - 44.8 lbf/inch (7.8 N/mm) CD - 25.1 lbf/inch PASS
Water Resistance (control and weathered specimens)	AATCC 127 (55cm hydrostatic head of water for 5 hrs)	No leakage noted on underside of control or weathered samples. PASS
Water Vapor Transmission	ASTM E96* (Method B)	308.9 g/m ² 24hrs 2860 ng/Pa/s/m ² 50 Perms PASS
Flamespread Index	ASTM E-84	Class A PASS
Smoke Development Index	ASTM E-84	Class A PASS

*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).



Factory installed integrated tape seals in all weather conditions and eliminates water concerns at horizontal joints.

Visit VaproShield.com for:



Comprehensive Testing Data



Installation Instructions



Details