

**WallShield IT** Integrated Tape is a primary, water resistive, vapor permeable, air permeable, mechanically attached sheet membrane for rain screen building enclosures.

- No Primers Required
- All Weather Installation
- Zero VOC's
- Exceptionally High Drying Capacity

## Superior Building Envelope Protection

- Cutting-edge drying capacity (permeability, 142 perms) reduces risk of long-term damage from moisture infiltration, mold, mildew and rot
- Install on wet sheathings allowing saturated substrates to dry-out
- Resists bulk water infiltration

## Horizontal Integrated Tape and Cost Effectiveness

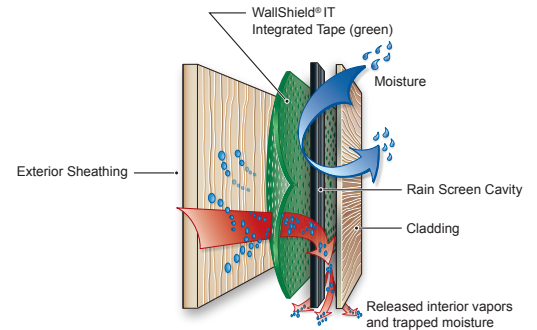
- Reduce installation time, lower material expenses and limit tape failures with integrated tape at the horizontal seams
- Increase accuracy of required 6" shingled overlap, ensuring water tight joinery, by lining upper membrane to lower membrane with pre-marked lap template
- Installs quickly and easily, mechanically attaching with VaproCaps to plywood, OSB and gypsum sheathing, rigid insulation, concrete block and pour-in-place concrete
- Reduces contractor liability by using fully tested VaproShield system: single source membranes, flashings and sealants
- Long-term durability with standard 20 year material warranty

## Phase Construction Friendly

- Install in all climates and weather conditions
- No special installation equipment required, use common hand tools
- Tear, rip and puncture resistant during and after construction reducing repairs
- Sustains six (6) months of UV and climate exposure

## Environmental Sustainability

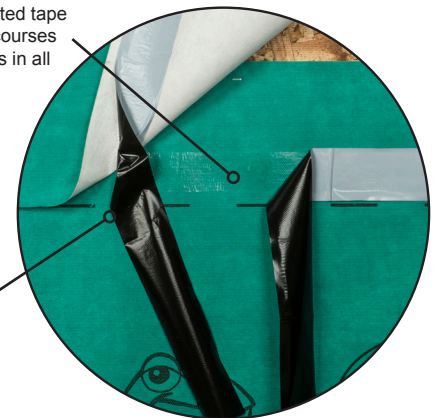
- Contributes to LEED points in Indoor Environmental Quality and Energy & Atmosphere
- Is 100% recyclable



**WallShield IT Integrated Tape Water Resistive Vapor Permeable Membrane construction**

Non-exposed integrated tape on upper and lower courses seal horizontal seams in all weather conditions

Integrated tape release papers



**Clear Integrated Tape ensures 6" horizontal laps and can be sealed in all weather conditions.**

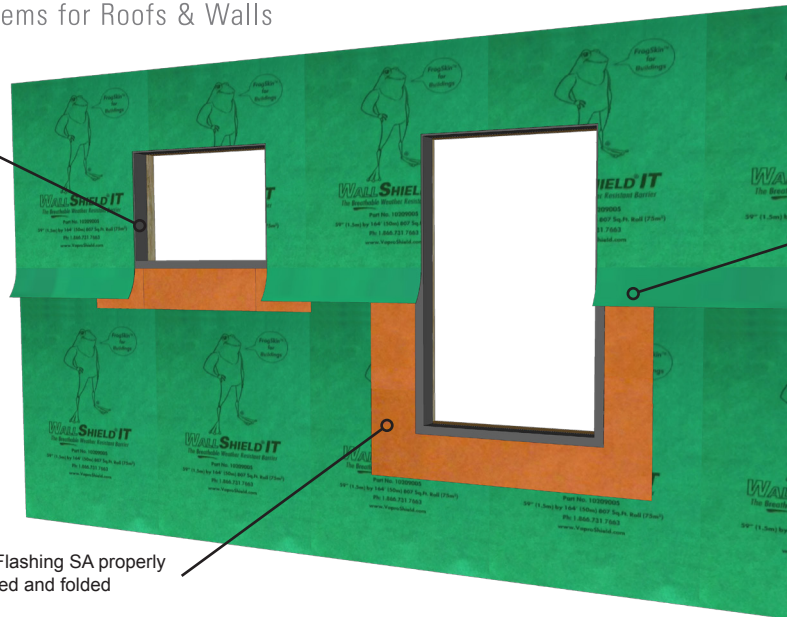


**ANTHC Patient Housing in Anchorage Alaska installed WallShield IT (green) as the primary WRB to help dry in the building and defend against moisture intrusion. WrapFlashing SA Self-Adhered (orange) was used around the window rough openings, allowing glazing to be installed before the siding, keeping trades on schedule.**

VaproLiqui-Flash or  
Vapro-SS Flashing  
inside rough opening  
+ 1" on face

WrapFlashing SA properly  
shingled and folded

WallShield IT Integrated Tape  
installed horizontally



## Rough Opening Flashing

Fast and efficient rough opening flashing uses VaproShield accessories specifically designed and tested to work together, making field training and installation easy.

| PROPERTY                 | STANDARD/TEST                             | RESULT   |
|--------------------------|---|--|
| Tensile Strength         | ASTM D882                                 | MD 31.1 lbf/in<br>(5.44 N/mm)<br>CD 29.8 lbf/in<br>(5.22 N/mm) |
| Water Resistance         | AATC - 127                                | <b>PASS</b><br>(22 inch head of water – 5 hours)               |
| Water Vapor Transmission | ASTM E398 as per ASTM E96* (Water Method) | 89.15 Perm (grain/h•ft²•inchHg)<br>5101 ng/Pa•s•m²             |
| Breaking Force           | ASTM D5034                                | MD 103 lbf (458 N)<br>CD 108 lbf (480 N)                       |
| Low Temp Flexibility     | AC38, Section 3.3.4                       | <b>PASS</b>  |

WallShield IT Integrated Tape



- Easily create the necessary shingle effect
- Integrated tape seals horizontal seams in all weather conditions
- Ensure firm adhesion with weighted J-roller

| PROPERTY              | STANDARD/TEST | RESULT   |
|-----------------------|---------------|--|
| <b>FIRE TESTING</b>   |               |  |
| Flamespread Index     | ASTM E84      | 0 - Class A  |
| Smoke Developed Index | ASTM E84      | 65 – Class A   |
| Assembly Fire Test    | NFPA 285      | Contact VaproShield Technical Team<br>1-866-731-7663 opt.5 |

\*ASTM E96 - Method B (wet cup method) typically gives a more realistic result for permeance than does the Method A (dry cut/desiccant) method.

Visit [VaproShield.com](http://VaproShield.com) for:



Comprehensive Testing Data



Installation Instructions



Details