

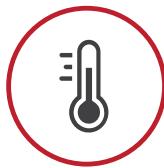


**Simplify
your
building
envelope.**

As energy codes and owners demand more from building design, versatile product solutions become ever more important. A simplified solution using continuous insulation helps increase building envelope performance without compromising design.

EnergyShield continuous wall insulation products offer multi-functional performance as a water resistive barrier and helps control air & vapor movement, in addition to thermal resistance, improving building efficiency and occupant comfort while saving time and money on the jobsite.

**4^{IN}
ONE
SOLUTION**



**THERMAL
PERFORMANCE**

EnergyShield delivers a high R-value in a thin profile and significantly reduces thermal bridging.

**WEATHER
RESISTANCE**

Install EnergyShield as the primary or redundant control layer to protect against water intrusion as a code compliant WRB.

AIR BARRIER

EnergyShield products provide an excellent continuous control layer against air infiltration when installed accordingly.

VAPOR CONTROL

Helps control water vapor migration into and out of the building interior to reduce the risk of condensation in the wall system.

SAVE TIME AND MONEY BY UTILIZING ENERGYSHIELD AS YOUR 4 IN 1 SOLUTION.

JOBSITE EFFICIENCY



Multi-functionality reduces the number of trips around the building, minimizing labor and material costs. Plus, reduce complexity with less coordination of materials.

COST SAVINGS




Save time which saves money. Use fewer materials and reduce coordination efforts. Plus, help lower utility bills by improving the workload of HVAC systems with more efficient thermal performance.



LEARN MORE ABOUT USING ENERGYSHIELD PRODUCTS AND A ROBUST LIST OF APPROVED COMPONENTS AS AN EFFECTIVE WRB SOLUTION AT WALL.ATLASRWI.COM





POLYISO INSULATION AS WRB: HELD TO A HIGHER STANDARD

Atlas EnergyShield® Continuous Wall Insulation Products can perform as a water resistive barrier as tested at higher standards than other products. To conform to building code requirements, foam sheathing is tested to more stringent water assembly test criteria than common housewraps.

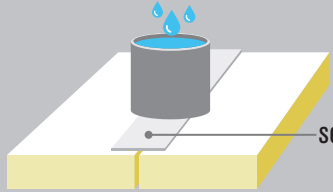


- ✓ **EnergyShield**[®] Continuous Wall Insulation
- ✓ **EnergyShield**[®] CGF Continuous Wall Insulation
- ✓ **EnergyShield**[®] Pro Continuous Wall Insulation
- ✓ **EnergyShield**[®] CGF Pro Continuous Wall Insulation

HOW THE PRODUCTS ARE TESTED

TESTS	HOUSEWRAPS	ENERGYSHIELD
 UV Light Exposure	210 hours	
 Accelerated Aging	25 cycles of extreme drying and wetting	
 AATCC 127	not on a joint	VS. on a sealed joint
 ASTM E331	2.8 psf 15 minutes	VS. 6.24 psf 2 hours

AATCC 127 COLUMN TEST



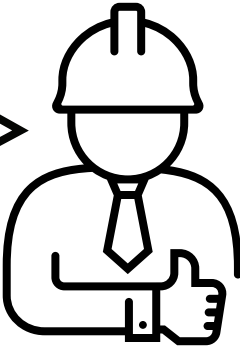
Column Test
Unlike housewraps, testing for polyiso is conducted on top of a weathered joint and required to withstand 21.6 inches of hydrostatic head pressure for 5 hours without exhibiting water leakage. Housewraps are tested as a material-only sample without consideration of installed laps or penetrations.

ASTM E331 WATER PENETRATION ASSEMBLY TEST

2x_{PSF} / 8x_{clock}

This full assembly test simulates hurricane-force conditions requiring polyiso to withstand water leakage for 8 times longer than housewraps with double the differential air pressure.

The proven capabilities of EnergyShield can give contractors **more confidence and added value** than common housewrap.



ENERGYSHIELD PRODUCTS ARE TESTED IN ACCORDANCE WITH THE FOLLOWING TEST METHODS FOR THERMAL, AIR, AND WATER PERFORMANCE: ASHRAE 90.1, IECC, ASTM E2178, ASTM E2367, AC 71, ASTM E331, AATCC TEST METHOD 127



ATLAS POLYISO MANUFACTURING LOCATIONS
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