



RMAX CONTINUOUS INSULATION

The Next Generation Air and Water-Resistive Barrier



ECOMAX^{ci}

WALL SOLUTION

BETTER INSULATION SOLUTIONS.

Rmax is a division of the Sika Corporation, a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protection in the building sector. Since 1978, Rmax has been manufacturing commercial, industrial and residential polyiso insulation products, and providing engineered solutions for enhanced energy efficiency. Our commercial wall solution, featuring ECOMAXci® FR Air Barrier continuous insulation, is just one more example of our industry leadership in action.

Combining our proven, popular thermal insulation board with our own branded tape and flashing – the ECOMAXci® Wall Solution provides a ready-made answer to fire, air and water, in addition to thermal efficiency for exterior commercial wall designs.

WHY SPECIFY RMAX

- Backed by over 35 years of expertise
- Satisfies ASHRAE 90.1 and IECC continuous insulation (c.i.) requirements
- 15-year limited thermal warranty
- Easy, efficient installation
- Lightweight, easy-to-handle materials
- Meets R-value requirements with a thinner profile than XPS, EPS or mineral wool
- Thinner profile leads to shorter fasteners
- 25 psi compressive strength
- Air Barrier Material
- Water-Resistive Barrier
- Mold resistant per ASTM D3273
- Closed-cell foam gasket aluminum substrates
- Reflective facer acts as a radiant barrier
- Helps qualify for LEED credits
- Utilizes a CFC, HCFC and HFC free blowing agent:
 - Zero Ozone Depletion Potential (ODP)
 - Negligible Global Warming Potential (GWP)
- North American distribution and beyond

WHY ECOMAXCI® WALL SOLUTION?

Exterior commercial wall designs are required to achieve fire, air and water performance in addition to thermal. This requires separate assembly tests where components must be compatible and tested together to pass. Building codes do not allow substitution of components.

The ECOMAXci® Wall Solution is a fully tested solution engineered to optimize continuous insulation, while meeting fire, air and water code requirements.

ECOMAXci® Wall Solution meets:

- NFPA 285 criteria without exterior gypsum board
- NFPA 285 criteria without mineral wool fire-stops around openings
- ABAA criteria for an air barrier assembly
- ICC-ES Acceptance Criteria for water-resistive barrier

Contributes to overall savings:

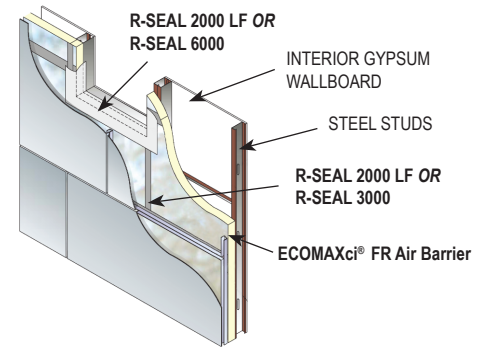
- Eliminates exterior gypsum
- Eliminates building wraps
- Eliminates membranes and other WRB's
- Fewer and lighter materials
- Faster dry-in time

Rmax ECOMAXci® Wall Solution allows for ultimate efficiency through multiple design options with various cavity insulations and claddings. This solution is the only approved insulation/sheathing for the R-Trac HVHZ system for use in High Velocity Hurricane Zones, meeting Florida Building Code.



Building standards and codes in many states now require continuous insulation. However, assembling the right combination of insulation and sealing techniques in a tested, warranted solution can be a challenge.

The Rmax solution for commercial exterior walls includes: ECOMAXci® FR Air Barrier thermal insulation board, along with Rmax branded tape and flashing and your choice of fiberglass, stone/mineral wool or no cavity fill. Together, these elements have been tested to meet fire performance, air infiltration and moisture resistance standards for a more effective, efficient building envelope design.



A commercial wall solution for an industry need. **ECOMAXci® Wall Solution.**

ECOMAXci® FR Air Barrier

Thermal Insulation

- Closed-cell polyiso foam core with heavy duty, embossed aluminum facers
- Provides continuous insulation reducing thermal bridging

R-SEAL 2000 LF Liquid Flashing/Tape

- Durable, non-sag, one-component hybrid technology
- Seals insulation joints to make the air and water barrier continuous across the studs
- Provides flashing around doors, windows and penetrations to complete the air and water barrier for the entire wall assembly

R-SEAL 3000 Joint Tape

- Aluminum with acrylic pressure sensitive adhesive
- Seals insulation joints to make the air and water barrier continuous across the studs

R-SEAL 6000 Flashing Tape

- Self-sealing polyethylene membrane with butyl rubber adhesive
- Provides flashing around doors, windows and penetrations to complete the air and water barrier for the entire wall assembly

Key Compliances and Testing

Property	Compliances/Test Method
Continuous Insulation	ASHRAE 90.1 IECC
Fire	ASTM E84 Class A NFPA 259 NFPA 285 ANSI/UL 263
Air Barrier	ASTM E2178 ASTM E2357 CAN/ULC-S742 (A1)
Water	AATCC Test Method 127 ASTM E331
R-Trac HVHZ system	TAS 201, 202, 203 ASTM E1886, E1996 FBC #FL16406

Thermal Properties

Nominal Thickness	Thermal R-Value ¹
Inches	°F•ft ² •hr/Btu
1.00	6.5
1.50	10.0
2.00	13.1
2.50	16.7
3.00	20.3
3.50	23.9
4.00	27.4
4.50	31.0

¹Thermal values are determined by using ASTM C518 test method at 75°F mean temperature on material conditioned according to PIMA Technical Bulletin No. 101.

Why sacrifice time, money and design integrity insulating your structure in any other way? Talk to your Rmax Solutions Specialist and specify the customized, tested and warranted ECOMAXci® Wall Solution on your next project.

800-527-0890 or www.rmax.com

Technical question?

972-850-3604 or technical@rmax.com



BUILDING TRUST



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