

## Fi-Foil Radiant Insulation Solutions

### Now more than ever...

*Architects, Builders and Homeowners are demanding superior energy-efficiency, comfort, value, along with safe, sustainable building materials.*

### The Fi-Foil Family of Insulation Products

After more than two decades of service, Fi-Foil continues to lead the industry in radiant insulation solutions for commercial buildings.

Fi-Foil's two main product categories are:

- Reflective Insulation
- Radiant Barriers

**Reflective Insulation** uses layers of aluminum foil, paper and/or plastic to enclose a building cavity. These layers form reflective air spaces that greatly reduce radiant heat transfer and heat flow by convection.

**Radiant Barriers** are primarily used in a vented cavity to reduce radiant heat transfer, which is often the primary method of heat gain and loss in a structure.



### Building Green

For more than 25 years, Fi-Foil has been committed to the principles of sustainable construction. Our radiant barrier and reflective insulation products are Energy Star® compliant, and meet or exceed various performance and code criteria established by national, regional and local governing bodies. Fi-Foil products can also contribute LEED credits for "Energy, Materials & Resources," confirming our commitment to you, the industry and our world.



For more information, visit our website at [www.FiFoil.com](http://www.FiFoil.com).

P.O. Box 800  
Auburndale, FL 33823

Toll-free 1-800-448-3401  
863-965-1846  
Fax 863-967-0137



## Radiant Insulation Solutions

COMMERCIAL



Our Solutions  
Reflect on You





# Fi-Foil Radiant Insulation Solutions - Commercial

## Masonry Wall Insulation

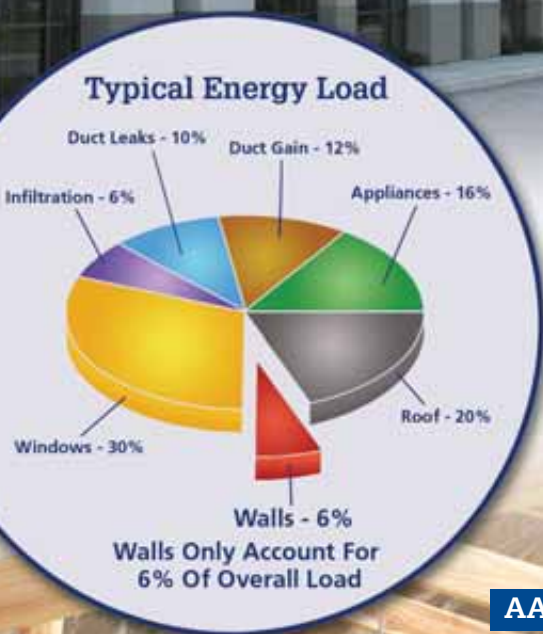
- Replaces or Complements Foam Board or Foam Filled Cavities
- Meets or Exceeds Florida & International Building and Energy Codes
- Green Building Solution



M-Shield



- Helps Manage Moisture - The Product "Breathes," Allowing Vapor Transfer
- Helps Prevent Mold - No Paper Components
- Meets ASTM C1338 Fungus Test - No Growth
- Class A Flammability Rating



AA2 Vapor Shield™



- Lowest Cost Per R-Value Of All Masonry Wall Insulation Materials
- High Perm, The Perfect Solution For Hot Humid Climates
- Tape Tab Options For Metal Furring

VR Plus Shield™

R-Values are for heat flow horizontal. See product specification sheet for additional information.

## Metal Building Insulation



Fi-Foil's revolutionary patented RetroShield System® is the perfect solution for retrofitting or upgrading insulation systems in new or existing metal buildings. This exclusive, patented system incorporates Fi-Foil's **RBI Shield™ Ultra** - a high-performance reflective insulation, specially formulated with fire retardant, a UV inhibitor - along with our "Clip & Pin" components that are designed to eliminate support wires and glue.

### R-Values\* & Method of Installation

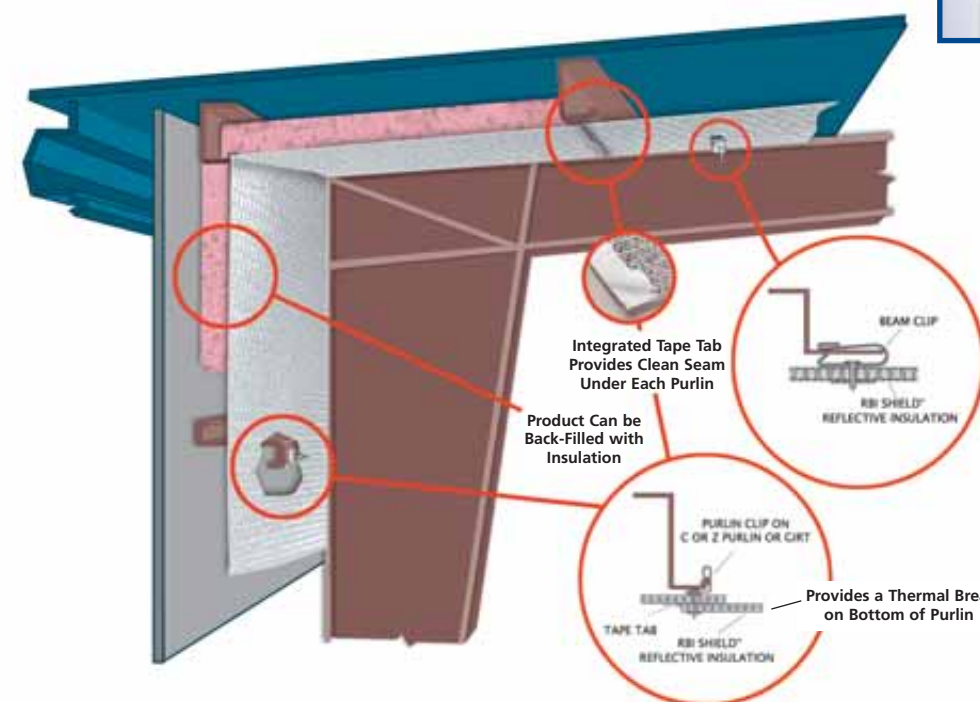
Attached to the bottom of a 6" or 8" Purlin

Foil/Facing . . . . . **R-16**

Foil/White or Black Facing . . . . . **R-12**

\*Heat flow down

For additional information, see RBI Shield™ Ultra Specification Sheet



**One Roll.  
One Box.**

Insulates up to 625 sq. ft.



White Facing

## Roof/Attic Radiant Barrier

Leading energy-efficiency experts recognize radiant barriers as an energy-saving technology and a key component to an energy-efficient home.

**A Cost-Effective Upgrade to Increase Comfort and Save Energy All Year Long!**



As the largest area of the house exposed to the elements, your roof produces excessive heat gain in the summer and heat loss in the winter. Installed just below the roof line, **Fi-Foil's Silver Shield™ Radiant Barrier** reduces radiant heat transfer by 97% to keep buildings cooler in the summer, warmer in the winter!

- Reduces attic temperatures up to 30 degrees
- Reduces utility bills, improves comfort
- Improves duct performance up to 50%
- Improves ceiling insulation performance



## Replacement for Foil Faced Batts

This single-sided foil facing is comprised of aluminum foil bonded to natural kraft paper with a flame-retardant adhesive, and is reinforced with tri-directional fiberglass scrim. FSK Shield is intended for use as an attic, roof or wall radiant barrier, and as a Class-A insulation facing. The product can also be used as an effective vapor barrier.



- Class-A/Flammability Rating
- Substitute for Foil-faced Batts
- Easy-to-install
- Lightweight & Compact Rolls
- Low Cost
- R-4.6 Heat Flow Down

