



## Metal & Post Frame Building Insulation

(2500 Series)

### rFOIL™ Applications:

- Pre-Engineered Steel Buildings
- Post Frame / Pole Barns
- Agricultural Buildings
- Residential Metal Roofs
- Mini Storage
- Livestock Confinement

### rFOIL™ Benefits:

- Blocks 96% of Radiant Heat Transfer
- Prevents Interior Condensation
- Class 1 / Class A Fire-Rated (ASTM E84-09)
- Puncture and Tear-Resistant
- Unaffected by Humidity
- Will not Promote Mold and Mildew
- Safe, Non-Toxic and Non-Carcinogenic
- Easy to Handle and Install
- Various Tab Options
- UV-Resistant



rFOIL™ reflective Insulation is a single or double layer of polyethylene bubbles bonded to and sandwiched between a radiant barrier metalized foil and white polyethylene sheet.

rFOIL™ is specifically designed to control heat gain or loss, and prevent interior condensation, in all types of metal and metal-clad buildings.



**PATENTED**

(See website for details)

[www.rFOIL.com](http://www.rFOIL.com)

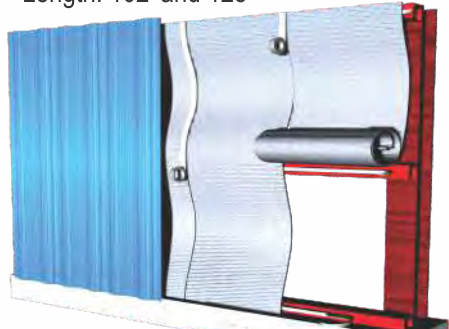
**FEATURES** **BENEFITS**

<p><b>Reflective Metalized Surface Facing</b></p>	<ul style="list-style-type: none"> <li>- Reduces Radiant Heat Gain and Loss</li> <li>- Blocks 96% of Radiant Heat Transfer</li> <li>- Saves Energy Use</li> <li>- Lowers Heating/Cooling Costs</li> <li>- Improves Interior Comfort</li> </ul>
<p><b>Multi-Layer Bubble Core</b></p>	<ul style="list-style-type: none"> <li>- Provides Continuous Thermal Break</li> <li>- Lowers Risk of Interior Surface Condensation</li> <li>- Durable and Long-Lasting</li> <li>- Superior Puncture, Tensile and Tear Strength</li> <li>- Will Not Absorb Water or Vapor</li> <li>- Does Not Harbor Moisture or Mold</li> <li>- Clean, Safe, No-Itch Material</li> </ul>
<p><b>White Interior Facing Option</b></p>	<ul style="list-style-type: none"> <li>- Brightens Building Interior</li> <li>- Attractive Appearance</li> <li>- Easy to Clean</li> </ul>
<p><b>Practical Tab/Edge Options</b></p>	<ul style="list-style-type: none"> <li>- Various Options for All Metal Building Applications</li> <li>- Simplifies Installations</li> <li>- Improves Vapor-Sealing Efforts</li> </ul>
<p><b>QuickSeam (Adhesive Tape on Tab)</b></p>	<ul style="list-style-type: none"> <li>- Saves Time and Labor</li> <li>- Ensures a Continuous Vapor and Condensation Barrier</li> <li>- Simplifies and Speeds Installation</li> </ul>

**PRODUCTS** **SPECIFICATIONS**

**AVAILABLE IN:**

- Single or Double Bubble
- Square Edge, Tab 1 Side, Tab 2 Sides, Quick Seam Adhesive Strip
- Width: 12", 16", 18", 24", 48" and 72"
- Length: 102' and 125'



Physical Properties	Test	Double Layer	Single Layer
NOMINAL THICKNESS	—	5/16"	3/16"
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A	
EMISSIVITY	ASTM C1371-04A	0.04	0.04
REFLECTIVITY	ASTM E903	0.96	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.42 Perms	0.01 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH	
PLIABILITY	ASTM C1224-03	NO CRACKING	
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION	
CORROSIVENESS	ASTM D3310-00	PASSES	
FIRE RATING - FULL ROOM BURN TEST	NFPA 286	PASSES	

Warranty, Specific Applications and Installation Guides can be found on our Applications Manuals or at [www.rfoil.com](http://www.rfoil.com)



**rFOIL™ Approvals**

- ASTM E84-09 Fire Test
- ASTM 1224 Standard Specifications for Reflective Insulations and Building Applications



279 Humberline Drive Etobicoke, ON M9W 5T6  
 Call Toll Free: 1-800-837-8961 Fax: 416-798-1342  
 Email: [sales@rfoil.com](mailto:sales@rfoil.com) Website: [www.rfoil.com](http://www.rfoil.com)





## Ultra MBI Metal Building Insulation (2600 Series)

### rFOIL™ Applications:

- Pre-Engineered Steel Buildings
- Post Frame / Pole Barns
- Agricultural Buildings
- Residential Metal Roofs
- Mini Storage
- Livestock Confinement

### rFOIL™ Benefits:

- Blocks 96% of Radiant Heat Transfer
- Prevents Interior Condensation
- Class 1 / Class A Fire-Rated (ASTM E84-09 / ASTM E2599-08)
- Passes NFPA 286 Full Room Burn Test
- Puncture and Tear-Resistant
- Unaffected by Humidity
- Will not Promote Mold and Mildew
- Safe, Non-Toxic and Non-Carcinogenic
- Easy to Handle and Install
- Various Tab Options
- UV-Resistant



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**Ultra MBI**  
**Metal Building Insulation**  
 (2610 and 2620 Series)

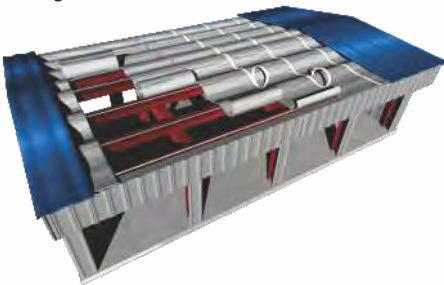
**FEATURES** **BENEFITS**

<b>Reflective Metalized Surface Facing</b>	<ul style="list-style-type: none"> <li>- Reduces Radiant Heat Gain and Loss</li> <li>- Blocks 96% of Radiant Heat Transfer</li> <li>- Saves Energy Use</li> <li>- Lowers Heating/Cooling Costs</li> <li>- Improves Interior Comfort</li> </ul>
<b>Multi-Layer Bubble Core</b>	<ul style="list-style-type: none"> <li>- Provides Continuous Thermal Break</li> <li>- Lowers Risk of Interior Surface Condensation</li> <li>- Durable and Long-Lasting</li> <li>- Superior Puncture, Tensile and Tear Strength</li> <li>- Will Not Absorb Water or Vapor</li> <li>- Does Not Harbor Moisture or Mold</li> <li>- Clean, Safe, No-Itch Material</li> </ul>
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FIRE RATING	ASTM E84-09 / ASTM E2599-08	CLASS 1 / CLASS A	
FIRE TESTING	NFPA 286	PASSES	
EMISSIVITY	ASTM C1371-04A	0.04	0.04
REFLECTIVITY	ASTM E903	0.96	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.42 Perms	0.01 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH	
PLIABILITY	ASTM C1224-03	NO CRACKING	
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION	
CORROSIVENESS	ASTM D3310-00	PASSES	
UV TESTING	ASTM G155	4000hrs Exposure 90+% Retain Retention	

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