## Wall Insulation Products

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>FACER TYPE</th>
<th>TYPE V EXTERIOR</th>
<th>COMMERCIAL WALL TYPE I–V EXTERIOR</th>
<th>TYPE I–V INTERIOR EXPOSED</th>
<th>INSULATED CONCRETE PANELS</th>
<th>ASTM C1289 TYPE, CLASS</th>
<th>FEATURES</th>
</tr>
</thead>
</table>
| EnergyShield® | ■ | ✓ | | | | Type I, Class 1 | • Foil facer  
• Integrated air, water, vapor barrier  
• Residential and light commercial  
• Renovation  
• Attics and crawlspaces |
| EnergyShield® CGF | ● | ✓ | | | | Type II, Class 2 | • Foil facer  
• Integrated air, water barrier  
• Residential and light commercial  
• Reversible  
• Microbial resistant  
• Attics and crawlspaces |
| EnergyShield® Pro | ■ | ✓ | NFPA 285 & Class A | Type I, Class 1 | | Type I, Class 2 | • Foil facer  
• Integrated air, water barrier  
• Residential and light commercial  
• Reversible  
• Commercial interiors  
• Basements |
| EnergyShield® CGF Pro | ● | ✓ | NFPA 285 & Class A | | | Type II, Class 2 | • Foil facer  
• Integrated air, water barrier  
• Residential and light commercial  
• Reversible  
• Commercial exteriors  
• One side black for open joint rainscreen  
• Microbial resistant |
| EnergyShield® Ply Pro | ● | ✓ | NFPA 285 & Class A | | | Type V | • Foil facer  
• Integrated air, water barrier  
• Residential and light commercial  
• Reversible  
• Commercial exteriors (primarily metal panel)  
• Microbial resistant  
• Can be installed with or without exterior gypsum in countless NFPA 285 approved wall assemblies |
| EnergyShield® PanelCast | ● | ✓ | | | | Type II, Class 2 | • Foil facer  
• Integrated air, water barrier  
• Residential and light commercial  
• Reversible  
• Commercial exteriors (primarily metal panel)  
• Basements  
• Microbial resistant  
• Can be installed with or without exterior gypsum in countless NFPA 285 approved wall assemblies |
| Stucco-Shield® | ● | ✓ | | | | Type II, Class 2 | • Foil facer  
• Integrated air, water barrier  
• Residential and light commercial  
• Reversible  
• Commercial exteriors (primarily metal panel)  
• Basements  
• Microbial resistant  
• Can be installed with or without exterior gypsum in countless NFPA 285 approved wall assemblies |

This product information has been compiled for your convenience. Please check your local building codes for compliance.

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### FOIL FACED POLYISO THERMAL DATA

<table>
<thead>
<tr>
<th>R-VALUE</th>
<th>3.3</th>
<th>5.0</th>
<th>6.5</th>
<th>9.8</th>
<th>10.5</th>
<th>13.1</th>
<th>16.0</th>
<th>19.7</th>
<th>21.7</th>
<th>26.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOMINAL BOARD THICKNESS</td>
<td>0.5”</td>
<td>0.75”</td>
<td>1.0”</td>
<td>1.5”</td>
<td>1.6”</td>
<td>2.0”</td>
<td>2.5”</td>
<td>3.0”</td>
<td>3.5”</td>
<td>4.0”</td>
</tr>
</tbody>
</table>

1. Conditioned thermal values were determined by ASTM Test Method C 518 at 75° mean temperature. Test specimens were conditioned in accordance with procedures outlined in ASTM C1289, Section 11.1.2.1

### COATED GLASS FACED POLYISO THERMAL DATA

<table>
<thead>
<tr>
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<th>3.0</th>
<th>4.5</th>
<th>6.0</th>
<th>9.0</th>
<th>12.1</th>
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<td>3.5”</td>
<td>4.0”</td>
</tr>
</tbody>
</table>

1. R-value superior to XPS and EPS  
2. Durable coated glass facers  
3. Microbial resistant  
4. Architectural concrete sandwich panels  
5. Higher performance finished product  
6. 4’ × 8’ boards reduce joints and labor  
7. Alkaline resistant facers  
8. R-value superior to XPS and EPS

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*Connecting Function with Facility*
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   Fax: (877) 909-4001

3. Denver, CO
   (800) 288-1476
   Fax: (303) 252-4417

4. East Moline, IL
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   Fax: (866) 740-6019

5. Camp Hill, PA
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   Fax: (717) 975-6957

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