Residential & Light Commercial Insulation

+ Energy saving thermal insulation**
+ Fire resistant to temperatures above 2000° F (1,093° C)
+ Minimum 70% recycled content
+ Easy to install
+ Helps control moisture to prevent mold

Where can UltraBatt™ insulation be installed?

UltraBatt™ mineral wool insulation provides exceptional R-value and fire protection in residential and light commercial buildings. UltraBatt™ insulation makes homes energy efficient and quiet.

UltraBatt™ insulation can be installed in a variety of applications including exterior walls, ceilings, basement walls and crawl spaces as well as light commercial applications.
Thermafiber® UltraBatt® Mineral Wool Insulation

Thermafiber® UltraBatt® Mineral Wool Insulation is designed to provide excellent thermal insulation, fire resistance and noise control in residential and light commercial construction. The semi-rigid batts are more dense than traditional batts or rolls, and are quick and easy to install. UltraBatt® products are non-combustible, moisture-resistant, non-corrosive, non-deteriorating, and mold resistant.3

- Standard thicknesses are available with an optional vapor-retarding foil facing.
- Available in standard widths for both wood and steel stud framing.
- Non-standard thicknesses and sizes are available upon special request.

Recycled Content Options:1,2

- Non-standard thicknesses and sizes are available upon special request.
- Available in standard widths for both wood and steel stud framing.

Certifications and Sustainable Features:

- Material Health Certificate from Cradle to Cradle Products Innovation Institute. For more information visit c2ccertified.org.
- Environmental Product Declaration (EPD) has been certified by UL Environment. For more information visit ul.com/epd.

Recycled Content Options

- EPA Choice Fiber (US Government Buildings) .................................................Minimum 75%
- Standard Fiber .................................................................70%

1. Recycled content options other than standard must be specified at time of order.

Notice:

- Performance levels specified in this publication are based on samples tested in accordance with standards.

Installation:

1. Measure & cut

   UltraBatt™ insulation is easy to cut with a serrated knife for custom fitting around electrical boxes, pipes, duct-work, wiring, or between non-standard studs and joists.

2. Squeeze & insert

   UltraBatt™ insulation is flexible and pliable; simply squeeze the sides to compress the insulation and insert into the desired wall.

3. Release & expand

   Once in place, UltraBatt™ insulation naturally expands to fill in the space, creating a snug, custom fit.

Wood Stud Application

<table>
<thead>
<tr>
<th>R-Value*</th>
<th>Sizes</th>
<th>Pieces/Bag</th>
<th>SqFt./Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>R15</td>
<td>3.5&quot; x 15&quot; x 47&quot;</td>
<td>5</td>
<td>24.5</td>
</tr>
<tr>
<td></td>
<td>3.5&quot; x 23&quot; x 47&quot;</td>
<td>5</td>
<td>37.5</td>
</tr>
<tr>
<td>R23</td>
<td>5.5&quot; x 15&quot; x 47&quot;</td>
<td>4</td>
<td>19.6</td>
</tr>
<tr>
<td></td>
<td>5.5&quot; x 23&quot; x 47&quot;</td>
<td>4</td>
<td>30.0</td>
</tr>
<tr>
<td>R30</td>
<td>7.1&quot; x 15&quot; x 47&quot;</td>
<td>3</td>
<td>14.7</td>
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<tr>
<td></td>
<td>7.1&quot; x 23&quot; x 47&quot;</td>
<td>3</td>
<td>22.5</td>
</tr>
</tbody>
</table>

Steel Stud Application

<table>
<thead>
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<th>R-Value**</th>
<th>Sizes</th>
<th>Pieces/Bag</th>
<th>SqFt./Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>R10</td>
<td>2.5&quot; x 16&quot; x 48&quot;</td>
<td>8</td>
<td>42.7</td>
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<tr>
<td></td>
<td>2.5&quot; x 24&quot; x 48&quot;</td>
<td>8</td>
<td>64.0</td>
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<tr>
<td>R15</td>
<td>3.5&quot; x 16&quot; x 48&quot;</td>
<td>5</td>
<td>26.7</td>
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<tr>
<td></td>
<td>3.5&quot; x 24&quot; x 48&quot;</td>
<td>5</td>
<td>40.0</td>
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<tr>
<td>R24</td>
<td>6&quot; x 16&quot; x 48&quot;</td>
<td>4</td>
<td>21.3</td>
</tr>
<tr>
<td></td>
<td>6&quot; x 24&quot; x 48&quot;</td>
<td>4</td>
<td>32.0</td>
</tr>
</tbody>
</table>

R-Value* is a measure of insulating ability. "R" means resistance to heat flow. The higher the "R" Value, the greater the insulation power.

Tested to ASTM E 84

<table>
<thead>
<tr>
<th>Flame Spread</th>
<th>Smoke Developed</th>
<th>Flame Spread</th>
<th>Smoke Developed</th>
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</thead>
<tbody>
<tr>
<td>Unfaced</td>
<td>0</td>
<td>25</td>
<td>0</td>
</tr>
<tr>
<td>Foil Faced</td>
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</table>

Technical Data:

- NFPA 101 Class A rated interior finish
- ASTM C 665 Non-Corrosive
- ASTM E 136 Non-combustible as defined per NFPA Standard 220
- CAN/ULC S114 Complies
- ASTM C 1104 Absorbs less than 1% by volume
- ASTM E 96 Unfaced, 50 Perms as tested
- ASTM E 96 Foil Faced, 002 Perms as tested
- CAN/ULC S102 Flame Spread 0, Smoke Developed 0 (unfaced) Complies
- ASTM C 1338 Complies

Standards Compliance:

- Environmental Product Declaration (EPD) has been certified by UL Environment. For more information visit ul.com/epd.
- Material Health Certificate from Cradle to Cradle Products Innovation Institute. For more information visit c2ccertified.org.

Certifications and Sustainable Features:

Thermafiber Insulations offers industry leading technical and engineering assistance to architects, specifiers, and contractors. These services include CAD drawings, engineering judgments, LEED® Credit Information, and product recommendations. Contact our technical services department at 1-888-834-2371, or email ThermafiberInsolutions@owenscorning.com. For any additional information about other Owens Corning products, please call 1-800-GET-PINK®.

Notice:

Thermafiber, Inc. shall not be liable for incidental and consequential damages, directly or indirectly sustained, for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Thermafiber, Inc. liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing within thirty (30) days from date it was or reasonably should have been discovered.

** Savings vary. See Owens corning publication “Thermafiber UltraBatt Manufacturers Fact Sheet“ (Pub. No. 10021146) for more information.

1 Thermafiber, Inc. shall not guarantee the performance of these goods other than as stated above and in any applicable warranty or contract of sale.

2 ASTM C 1338

3 LEED® is a registered trademark of the U.S. Green Building Council

For more information visit www.thermafiber.com