Thermafiber® SAFB™
Mineral Wool Insulation

Description
Thermafiber® SAFB™ (Sound Attenuation Fire Blankets) are mineral wool batts designed to provide acoustical control and fire protection in many different UL® fire-rated wall and floor-ceiling assemblies. These products are non-combustible, moisture-resistant, non-corrosive, non-deteriorating, mildew-resistant and vermin-resistant. SAFB™ resist temperatures over 2,000°F and add STCs to wall and floor-ceiling assemblies. SAFB™ can be installed in both steel and wood framed construction.

Standards, Codes Compliance

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA 101</td>
<td>Class A rated interior finish</td>
</tr>
<tr>
<td>ASTM C 665</td>
<td>Type I, per Federal Specification HH-I-521F</td>
</tr>
<tr>
<td>ASTM E 136</td>
<td>Non-combustible as defined per NFPA Standard 220</td>
</tr>
<tr>
<td>CAN/ULC S114</td>
<td>Complies</td>
</tr>
<tr>
<td>ASTM C 1104</td>
<td>Absorbs less than 1% by volume</td>
</tr>
<tr>
<td>ASTM E 84/ CAN/ULC S102</td>
<td>Flame Spread 0, Smoke Developed 0</td>
</tr>
</tbody>
</table>


Acoustical Performance

<table>
<thead>
<tr>
<th>Thickness</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2”</td>
<td>0.34</td>
<td>0.61</td>
<td>1.07</td>
<td>1.09</td>
<td>1.07</td>
<td>1.10</td>
<td>0.95</td>
</tr>
<tr>
<td>3”</td>
<td>0.51</td>
<td>0.99</td>
<td>1.18</td>
<td>1.03</td>
<td>0.99</td>
<td>0.96</td>
<td>1.05</td>
</tr>
<tr>
<td>4”</td>
<td>0.83</td>
<td>1.19</td>
<td>1.27</td>
<td>1.12</td>
<td>1.12</td>
<td>1.13</td>
<td>1.20</td>
</tr>
<tr>
<td>6”</td>
<td>1.37</td>
<td>1.32</td>
<td>1.23</td>
<td>1.16</td>
<td>1.12</td>
<td>1.12</td>
<td>1.20</td>
</tr>
</tbody>
</table>

Installation
- Interior Stud Cavity – Friction fit SAFB™ securely between studs. Butt ends of blankets closely together and fill all voids.
- Creased SAFB™ – Using SAFB™ 1” wider than regular blankets, bow the blankets slightly to fit into stud cavity. Slit the blankets vertically 1” deep with a utility knife down the center.
- Floor-Ceiling – Friction fit SAFB™ securely between floor joints.
- Ceiling Overlayment – Lay SAFB™ over ceiling panels extending 48” beyond all partitions. Tightly fit around all hangers, obstructions, and penetrations.

Availability

<table>
<thead>
<tr>
<th>Nominal Density</th>
<th>Thickness*</th>
<th>Widths**</th>
<th>Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 pcf SAFB™</td>
<td>1½” - 7”</td>
<td>15”, 16”, 17”, 23”, 24”, 25”</td>
<td>48”</td>
</tr>
<tr>
<td>4.0 pcf</td>
<td>1”</td>
<td>15”, 16”, 17”, 23”, 24”, 25”</td>
<td>48”</td>
</tr>
</tbody>
</table>

Tolerances
- +½” - ⅛”
- ±¼”
- ±⅛”

Product Options
Recycled Content Options¹²:
- 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.

Formaldehyde-Free product available. See Owens Corning publication "Thermafiber® SAFB™ Formaldehyde-Free Mineral Wool Insulation Data Sheet" (Pub. No. 10022322) for more information.

Thermafiber Insolutions®
Thermafiber Insolutions® 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.
Features

- Exceptional sound and noise absorption
- Adds STC value to wall and floor-ceiling assemblies
- Provides fire containment in rated assemblies
- Fire resistant to temperatures above 2,000° F (1,093° C)
- Minimum 70% Recycled content
- Mold-resistant
- Contributes to credits in several green building programs such as LEED® and Green Globes

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at www.owenscorning.com.

Notes

For additional information refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via http://sds.owenscorning.com.

Submittal Approvals

Job Name
Contractor
Date

Disclaimer of Liability

Thermafiber, Inc. shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor 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.

Certifications and Sustainable Features

- Verified by ICC-ES to contain a minimum of 70% recycled content. See ICC-ES Evaluation Report VAR-1025 at icc-es.org.
- 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.
- This product receives SAFETY Act designation by the U.S. department of Homeland Security. For more information visit safetyact.gov.