**DESCRIPTION**

Knauf Insulation Acoustical Smooth Board is a 6.0 PCF thermal and acoustical insulation product made from inorganic glass fibers preformed into boards with ECOSE Technology. The board is smooth on one side with precision cut tolerances.

**APPLICATION**

Knauf Insulation Acoustical Smooth Board with ECOSE Technology is a versatile product for thermal and acoustical applications such as office partitions, ceiling panels, interior panels and sound baffles.

**SPECIFICATION COMPLIANCE**

In U.S.
- ASTM C612; Type IA and Type IB
- California Title 24
- HH-I-558C; Form A, Class 1 and Class 2

In Canada
- CGSB 51-GP-10M

**INDOOR AIR QUALITY**

- UL Environment
  - GREENGUARD Certified
  - GREENGUARD Gold Certified
  - Validated to be Formaldehyde-Free
- EUCED Certified

**DOING MORE FOR THE WORLD WE LIVE IN.**

Knauf Insulation products with ECOSE® Technology are made using our patented, bio-based binder - a smarter alternative to the phenol/formaldehyde (PF) binder traditionally used in fiberglass products. The bio-based binder holds our product together, gives the product its unique appearance and makes it formaldehyde-free.

All of our products are made from sustainable resources, such as recycled glass and sand. And we're proud to be putting glass bottles back to work rather than into landfills. Our products are made with a minimum of 50% recycled glass—totaling an average of 26 million bottles each month.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Property (Unit)</th>
<th>Test</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrossiveness</td>
<td>ASTM C665</td>
<td>Does not accelerate corrosion of steel</td>
</tr>
<tr>
<td>Corrosion</td>
<td>ASTM C1617</td>
<td>Pass</td>
</tr>
<tr>
<td>Maximum Service Temperature</td>
<td>ASTM C411</td>
<td>450 °F (232 °C) up to 4&quot; product thickness</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>ASTM C356</td>
<td>Less than 0.3% linear shrinkage</td>
</tr>
<tr>
<td>Water Vapor Sorption (by weight)</td>
<td>ASTM C1104</td>
<td>Less than 5%</td>
</tr>
<tr>
<td>Odor</td>
<td>ASTM 1304</td>
<td>Pass</td>
</tr>
<tr>
<td>Mold Growth</td>
<td>ASTM C1338</td>
<td>Pass</td>
</tr>
<tr>
<td>Surface Burning Characteristics (flame spread/smoke developed)</td>
<td>ASTM E84, CAN/ULC S102, NFPA 90A and 90B, UL 723</td>
<td>25/50</td>
</tr>
</tbody>
</table>
PACKAGING

• The standard packaging is sheets on pallets. For other options contact your Knauf Insulation Territory Manager.

FIBERGLASS AND MOLD

Fiberglass insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. Carefully inspect any insulation that has been exposed to water. If it shows any sign of mold it must be discarded. If the material is wet but shows no evidence of mold, it should be dried rapidly and thoroughly.

CERTIFICATIONS

Visit knaufnorthamerica.com to learn more.