Product Description and Specifications

3form Sola Felt is made using our PET technology and 50% post-consumer recycled PET. Sola Felt is designed to be attractive, environmentally sound, and embedded with acoustic properties.

Our expertise in Polyethylene Terephthalate (PET) grew from a desire to create high-design solutions, without sacrificing performance and sustainability. PET, commonly found in water bottles, is recycled into pellets that are then extruded into thin, soft fibers. Layers of these fibers are then pressed together to create a sheet of sound absorbing Sola Felt. Absorptive materials soften reverberation and dampen sound energy in a space. Absorption is ideal for loud conference rooms or open spaces where people congregate.

Features and Benefits

• 15 color options
• Noise Reduction Coefficient (NRC) up to 1.10
• Easy to specify
• Easy to install
• Cost-effective decorative feature

Available Interlayers and Colors

Sola Felt is available in 15 beautiful colors.

- Admiral
- Aries
- Armor
- Cast
- Citrine
- Driftwood
- Dune
- Dusk
- Ebony
- Emerald
- Jasper
- Mineral
- Nickel
- Nightfall
- Zinc

Panel Sizes and Tolerances

Sola Felt is available in three standard thicknesses - ¾", ¼", and ⅜". Additionally, custom thicknesses of Sola Felt can be achieved for larger projects.

<table>
<thead>
<tr>
<th>Nominal Thickness</th>
<th>Minimum Allowance</th>
<th>Maximum Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16&quot; (4.7mm)</td>
<td>0.168&quot; (4.2mm)</td>
<td>0.206&quot; (5.3mm)</td>
</tr>
<tr>
<td>1/4&quot; (6.3mm)</td>
<td>0.225&quot; (5.7mm)</td>
<td>0.275&quot; (7.0mm)</td>
</tr>
<tr>
<td>3/8&quot; (9.5mm)</td>
<td>0.337&quot; (8.5mm)</td>
<td>0.413&quot; (10.5mm)</td>
</tr>
</tbody>
</table>

Sheet tolerance readings are based on an average of several measurements along both long edges of each panel. These measurements are taken 2-3 inches (50-75 mm) from the edges of the panel.

Flammability and Smoke Test Results

Building Code Approvals

Sola Felt has been independently tested and meet the criteria for approved interior finishes as described in the 2018 International Building Code®.

<table>
<thead>
<tr>
<th>Test</th>
<th>Sola Felt</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM E84 Flame Spread, 3/16&quot; thickness Smoke Generated</td>
<td>0</td>
<td>Class A: 0-25 &lt;450</td>
</tr>
<tr>
<td>ASTME84 Flame Spread, 1/4&quot; thickness Smoke Generated</td>
<td>10</td>
<td>Class A: 0-25 &lt;450</td>
</tr>
<tr>
<td>ASTM E84 Flame Spread, 3/8&quot; thickness Smoke Generated</td>
<td>50</td>
<td>Class B: 26-75 &lt;450</td>
</tr>
<tr>
<td>CAN/ULC 102.2 TRIPLE DICATE 3/16&quot; Rounded Flame Spread (FSR) Rounded Smoke Developed (SDC)</td>
<td>40</td>
<td>See Building Code of Canada</td>
</tr>
<tr>
<td>CAN/ULC 102.2 TRIPLE DICATE 1/4&quot; and 3/8&quot; Rounded Flame Spread (FSR) Rounded Smoke Developed (SDC)</td>
<td>75</td>
<td>See Building Code of Canada</td>
</tr>
</tbody>
</table>

Noise Reduction Coefficient (NRC) Values for Sola Felt


<table>
<thead>
<tr>
<th>Product</th>
<th>NRC Value</th>
<th>Alpha-W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hush Clad (3/8&quot; Sola Felt applied directly to wall)</td>
<td>0.35</td>
<td>0.25H</td>
</tr>
<tr>
<td>Edge (1/4&quot; Sola Felt fins)</td>
<td>0.55</td>
<td>0.45</td>
</tr>
<tr>
<td>Clario (3/16&quot; Sola Felt expandable ceiling baffles)</td>
<td>0.70</td>
<td>0.65H</td>
</tr>
<tr>
<td>Clario Cloud (3/8&quot; Sola Felt suspended ceiling baffles)</td>
<td>0.75</td>
<td>0.70MH</td>
</tr>
<tr>
<td>Hush Blocks (24&quot;x24&quot;x2&quot; wall tiles)</td>
<td>0.80</td>
<td>0.65MH</td>
</tr>
<tr>
<td>Seeyond (16&quot;x16&quot;x4&quot; wall tiles)</td>
<td>1.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Divy (Two-sided 3/8&quot; Sola Felt suspended partition)</td>
<td>0.75</td>
<td>0.70H</td>
</tr>
</tbody>
</table>

For more information, please visit 3-form.com or call 877.649.2670

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Cleaning Instructions

Sola Felt should be cleaned periodically. A regular, seasonal cleaning program will dramatically help prevent noticeable weathering and dirt build-up.

To remove airborne debris and dust, it is recommended to periodically vacuum Sola Felt. Please note the slight shedding of fibers from the Felt is normal and not indicative of any defect.

To treat liquid stains, remove spills immediately using a clean damp cotton cloth or with detergent soap and warm water. Carpet and fabric cleaners can usually be used; always test an inconspicuous area before the actual stain.

**Do:**
- Vacuum or use a soft brush to clean Sola Felt.

**Do not:**
- Use strong solvents, highly alkaline or abrasive cleaning agents.
- Do not completely saturate module with cleaning solution or water.

### Panel Weight

<table>
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<tr>
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<th>Weight Flux</th>
</tr>
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<tr>
<td>3/16&quot; (4.7mm)</td>
<td>0.22 lb/ft² (1.1 kg/m²)</td>
</tr>
<tr>
<td>1/4&quot; (6.3mm)</td>
<td>0.30 lb/ft² (1.5 kg/m²)</td>
</tr>
<tr>
<td>3/8&quot; (9.5mm)</td>
<td>0.39 lb/ft² (1.9 kg/m²)</td>
</tr>
</tbody>
</table>

### Maximum Continuous Use Temperature

Sola Felt  158°F (70°C)

### Fabrication

Sola Felt can be cut using a sharp utility knife. To drill Sola Felt, use a spade bit. Twist bits cause melting and do not work well.

### Heat Forming/Cold Bending

Sola Felt can be cold bent for simple bends and curved areas. As a general rule, a minimum radius of 100 times thickness is acceptable for Sola Felt.

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