**MICRO-PERFORATED ACOUSTIC PANEL**

**M51**

**MAXIMUM SIZE**  
24" x 48" (610mm x 1219mm)  
18"x144" (305mm x 3658mm)

**THICKNESS**  
2" (51mm)

**WEIGHT**  
2.2 lbs/ft² (10.7 kg / m²)

**CORE**  
Recomposed High Density Rock Fiber

**FACE OPTIONS**  
- Wood Veneer  
- Vinyl  
- UV Print  
- Thermally-Fused Laminate  
- Paint

**PERFORATIONS**  
- Surface Diameter: 0.5 mm  
- Passage Diameter: 0.5 mm  
- Passage Depth: 2.0 mm  
- Pattern: Square Diamond

**NRC**  
.95 [ASTM-C423]  
(F6 Direct Mount—no additional insulation or sealed cavity space required)

**CAC**  
39+ [ASTM-E1414]

**STC**  
n/a

**VOC**  
Low [CDPH-1350 Compliant]

**FIRE RATING**  
Class A [ASTM-E84]

**ANTIMICROBIAL**  
Excellent  
Tested an average of 10 out of 10 for mold growth [ASTM-D3273]

**LEED CREDITS**  
- EA 1 Optimized Energy Performance  
- MR 4.1 & 4.2 Recycled Content Credit - 62% pre-consumer, 0% post-consumer.  
- MR 7 Certified Wood - contact sales staff.  
- EQ 4.4 Composite Wood  
  (no added urea formaldehyde)  
- EQ 7 & 7.1 Thermal Comfort  
- EQ 9 Enhanced Acoustical Performance

---

**.95 NRC**  
LABORATORY TESTED AS  
F6 DIRECT MOUNT

![Graph of Absorption Coefficient vs Frequency](image)

<table>
<thead>
<tr>
<th>FREQUENCY (Hz)</th>
<th>HERTZ</th>
<th>80</th>
<th>100</th>
<th>125</th>
<th>160</th>
<th>200</th>
<th>250</th>
<th>315</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>.12</td>
<td>.13</td>
<td>.24</td>
<td>.20</td>
<td>.35</td>
<td>.65</td>
<td>.86</td>
<td>1.09</td>
<td></td>
</tr>
<tr>
<td>160</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>250</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>315</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>1.08</td>
<td>1.14</td>
<td>1.15</td>
<td>1.13</td>
<td>1.11</td>
<td>1.13</td>
<td>1.00</td>
<td>.94</td>
<td>.94</td>
</tr>
</tbody>
</table>

NRC/SAA TEST RESULTS AVAILABLE UPON REQUEST