Sound Silencer (PEPP)
Acoustical Wall & Ceiling Panels

Sound Silencer acoustical wall panels are unique – made from Rigid Porous ARPRO Acoustical (P.E.P.P.) Planks, these panels are Class A fire rated with STC and NRC values. Sound Silencer panels are great for gymnasiums, ice rinks, swimming pools, clean rooms, laboratories, food prep areas, firing ranges, and anywhere else where noise control is important. Panels can be applied directly on wall and ceiling surfaces for attractive and effective sound control.

FEATURES & BENEFITS
- High performance – both STC & NRC ratings
- Class A fire rated per ASTM E84
- No fiberglass – non-fibrous
- Water-resistant indoor
- Non-abrasive surface
- Indoor/outdoor usage
- Tackable surface
- Moisture-, impact-, bacteria- & fungi-resistant
- Lightweight & cleanable

ACOUSTICAL SURFACES, INC.
Celebrating Over 35 Years - SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS!
952.448.5300 | 800.448.0121 | sales@acousticalsurfaces.com | www.acousticalsurfaces.com
Sound Silencer (PEPP)
Acoustical Wall & Ceiling Panels

APPLICATIONS
Gymnasiums, auditoriums, classrooms, offices, swimming pools, ice arenas, clean rooms, food processing plants, food prep areas, cafeterias, restaurants, manufacturing plants, pro audio, car washes, rooftop and machine enclosures, dog kennels, locker rooms and more.

MATERIAL
Semi-rigid porous expanded polypropylene acoustical bead foam (P.E.P.P.). Fiber-free.

SIZES & DIMENSIONS
Standard: Nominal 2’ x 2’; 2’ x 4’; custom sizes available.

WEIGHT
1” = 1/4 lb./sf  2” = 1/2 lb./sf.

COLORS
White, Charcoal

FLAMMABILITY
ASTM E-84 Class 1-A.
1” – Flame Spread: 3, Smoke Developed: 84
2” – Flame Spread: 5, Smoke Developed: 113

INSTALLATION
ASI Acoustical Adhesive, screws, Z-Clips.

Sound Silencer Install Video Available on YouTube
Please search “YouTube/Acoustical Surfaces” to see Sound Silencer (P.E.P.P.) videos, and other product installation videos.

Sound Absorption
<table>
<thead>
<tr>
<th>Thickness</th>
<th>Installation</th>
<th>125Hz</th>
<th>250Hz</th>
<th>500Hz</th>
<th>1KHz</th>
<th>2KHz</th>
<th>4KHz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” Wall - A Mount</td>
<td>0.05</td>
<td>0.06</td>
<td>0.21</td>
<td>0.80</td>
<td>0.65</td>
<td>0.75</td>
<td>0.45</td>
<td></td>
</tr>
<tr>
<td>1” with 1” Echo Eliminator</td>
<td>0.11</td>
<td>0.58</td>
<td>1.07</td>
<td>0.71</td>
<td>0.74</td>
<td>0.72</td>
<td>0.80</td>
<td></td>
</tr>
<tr>
<td>2” Wall - A Mount</td>
<td>0.07</td>
<td>0.21</td>
<td>0.81</td>
<td>0.85</td>
<td>0.95</td>
<td>0.88</td>
<td>0.70</td>
<td></td>
</tr>
<tr>
<td>2” with 1” Echo Eliminator</td>
<td>0.17</td>
<td>0.81</td>
<td>0.97</td>
<td>0.85</td>
<td>0.89</td>
<td>0.92</td>
<td>0.90</td>
<td></td>
</tr>
</tbody>
</table>

Sound Transmission Loss*
<table>
<thead>
<tr>
<th>125Hz</th>
<th>250Hz</th>
<th>500Hz</th>
<th>1KHz</th>
<th>2.5KHz</th>
<th>5KHz</th>
<th>STC Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>6</td>
<td>5</td>
<td>7</td>
<td>8</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>2”</td>
<td>9</td>
<td>8</td>
<td>10</td>
<td>10</td>
<td>17</td>
<td>22</td>
</tr>
</tbody>
</table>

Test Reports & Additional Information Can be Found at:
www.acousticalsurfaces.com/sound_silencer/sswall_panel.htm

*STC Rating

Stop Noise

ACOUSTICAL SURFACES, INC.
Celebrating Over 35 Years - SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS!
952.448.5300 | 800.448.0121 | sales@acousticalsurfaces.com | www.acousticalsurfaces.com