**Product Overview**

**SOUNDSTOP** fiberboard is a high-quality, cost-effective solution to airborne sound reduction. **SOUNDSTOP** favorably increases both sound transmission class (STC) and outside inside transmission class (OITC) values of walls, ceilings, and floors by absorbing airborne sound vibrations. **SOUNDSTOP** adds sale/resale value to single- and multifamily home builders and owners at a low cost. Meeting national codes and building standards, **SOUNDSTOP** is as versatile as it is effective, perfect in applications ranging from walls to ceilings to floors. **SOUNDSTOP** will exceed your expectations for a quality building product, unmatched in cost-effectiveness and performance.

*SOUNDSTOP deadens sound transfer from:*
- Neighbor to neighbor: shared walls and corridors
- Room to room: noise-generating media rooms, workshops, laundries, offices, and conference rooms
- Outside in: street/airport traffic, industrial noises, barking dogs, etc.

*The use of the words “soundproof” or “soundproofing” or any variation does not equal 100% sound elimination.*
The STC rating is a widely used numerical scale that rates how well a wall or floor/ceiling system stops airborne sound transfer generated by speech, stereo, TV, or other sources. The higher the STC rating, the more efficient the system for reducing sound transmission. It is a common misconception that drywall, fiberglass batts, or resilient channels alone achieve high sound-deadening properties. SOUNDSTOP achieves STC ratings exceeding International Building Code (IBC) requirements, making it an excellent choice for all sound-deadening projects.

**STC Rating Scale**

<table>
<thead>
<tr>
<th>STC up to 60</th>
<th>SOUNDSTOP + Fiberglass Batt + Resilient Channels + 5/8&quot; Drywall</th>
<th>Superior sound proofing.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STC 50</strong> STC of 50*</td>
<td><strong>SOUNDSTOP</strong> + 5/8&quot; Drywall</td>
<td>Loud speech not audible. Vibration noise significantly reduced.</td>
</tr>
<tr>
<td><strong>STC up to 44</strong></td>
<td>Double Layer 5/8&quot; Drywall</td>
<td>Some loud speech heard. Vibration noise not reduced.</td>
</tr>
<tr>
<td><strong>STC up to 39</strong> (Privacy begins at STC of 40)</td>
<td>Fiberglass Batt + 5/8&quot; Drywall</td>
<td>Loud speech is still heard. STC rating fairly unchanged with addition of batts. Vibration noise not reduced.</td>
</tr>
<tr>
<td><strong>STC up to 35</strong></td>
<td>Single layer 5/8&quot; Drywall</td>
<td>Loud speech clearly heard. Vibration noise heard with single or double layer of drywall.</td>
</tr>
</tbody>
</table>

*IBC Sections 1207.2 & 1207.3*
### SOUNDSTOP FEATURES/BENEFITS

- The most cost-effective soundproofing solution available
- Offered in 4’ x 8’ x ½” and 4’ x 9’ x ½” sizes; 46 pieces per unit
- R-value of 1.3
- Perm rating in excess of 20; promotes a breathable building envelope
- Conforms to ASTM C208, type I, sound deadening board

### UL CLASSIFICATION

- Classified by Underwriters Laboratories, Inc. to ANSI/UL 263 Fire Resistance Rating; CCN:CERZ; UL File Number R25702
- Assembly Design Numbers U305, U309, U311, U339, U387, U411, and U465
THE SOUNDSTOP GREEN STORY
SOUNDSTOP is your environmentally friendly choice. SOUNDSTOP is made of 97% organic materials, including recovered wood. Also, BLUE RIDGE FIBERBOARD is a member of the United States Green Building Council (USGBC).

The use of SOUNDSTOP may contribute to following LEED credits:
• MRc9: Construction and Demolition Waste Management

For further information on SOUNDSTOP, including data sheet, installation procedures, guide specs, and SDS, visit www.blueridgefiberboard.com.

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These maps were put together with data made available by the Earth Science Information Center, U.S. Geological Survey (June 2002).

Data obtained from: http://nationalatlas.gov

Alaska
Hawaii
Puerto Rico &
U.S. Virgin Islands