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.

**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.
GOOD BETTER

STC up to 44  STC up to 46  STC up to 49  STC up to 50  STC up to 51

STC up to 44
5/8” Tapered Edge Gypsum
3 5/8” Metal Studs
1/2” SOUNDSTOP
5/8” Tapered Edge Gypsum
2” x 4” studs
1/2” Gypsum
2” x 4” plate
SOUNDSTOP on one side, 3 5/8” metal studs, 24” o.c., 5/8” drywall.

STC up to 46
1/2” SOUNDSTOP
5/8” Tapered Edge Gypsum
2” x 4” studs
1/2” Gypsum
SOUNDSTOP on two sides, 2” x 4” studs, 16” o.c., 1/2” drywall.

STC up to 49
5/8” Tapered Edge Gypsum
3 5/8” Metal Studs
1/2” SOUNDSTOP
5/8” Type X Gypsum
2” x 4” studs
2” x 4” plate
SOUNDSTOP on two sides, 3 5/8” metal studs, 24” o.c., 5/8” drywall.

STC up to 50
5/8” Tapered Edge Gypsum
2” x 4” studs
1/2” SOUNDSTOP
5/8” Type X Gypsum
2” x 4” plate
SOUNDSTOP two sides, 2” x 4” studs, 16” o.c., 5/8” drywall

STC up to 51
5/8” Type X Gypsum
2” x 6” plate
SOUNDSTOP on two sides, 2” x 4” studs, 16” o.c. staggered on 2” x 6” top and bottom plates.

SOUNDSTOP HELPS ACHIEVE SOUND TRANSMISSION CLASS (STC) RATINGS OF 50 OR BETTER

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 | SOUNDSTOP | STC up to 46
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>5/8” Drywall</td>
<td>Superior sound proofing.</td>
<td>Loud speech not audible. Vibration noise significantly reduced.</td>
</tr>
<tr>
<td>5/8” Drywall</td>
<td>Fiberglass Batt + 5/8” Drywall</td>
<td>Loud speech is still heard. STC rating fairly unchanged with addition of batts. Vibration noise not reduced.</td>
</tr>
<tr>
<td>5/8” Drywall</td>
<td>Single layer 5/8” Drywall</td>
<td>Loud speech clearly heard. Vibration noise heard with single or double layer of drywall.</td>
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</tbody>
</table>

*IBC Sections 1207.2 & 1207.3
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

BEST SOUNDSTOP FEATURES/BENEFITS

- The most cost-effective soundproofing solution available
- Offered in 4' x 8' x \( \frac{1}{2} \)" and 4' x 9' x \( \frac{1}{2} \)" 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
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](http://www.blueridgefiberboard.com).

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