

SOUNDSTOP®

SOUNDPROOFING FIBERBOARD



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.*



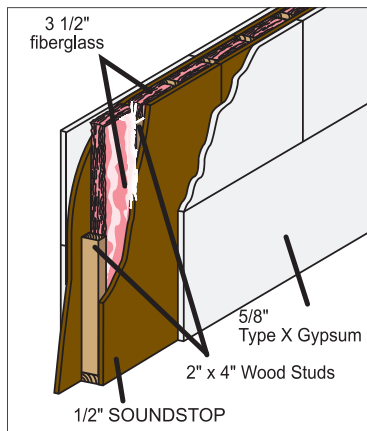
PRODUCT OVERVIEW

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.

SILENCE IS IMMINENT™

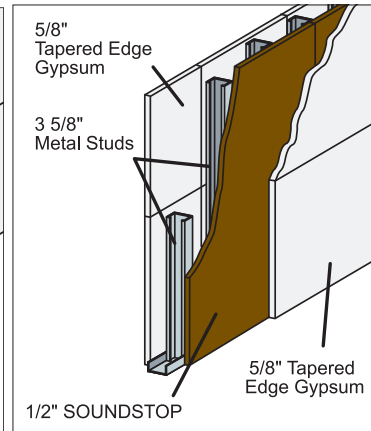
GOOD

STC up to 38



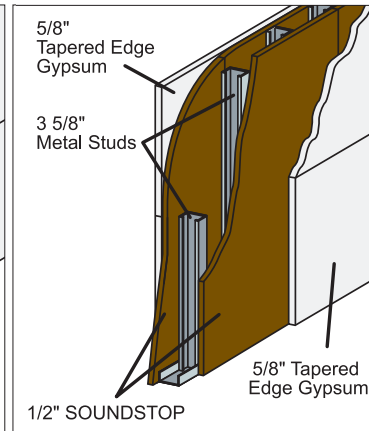
SOUNDSTOP on two sides, 2' x 4' studs, 16" o.c., 5/8" drywall, fiberglass batts.

STC up to 44



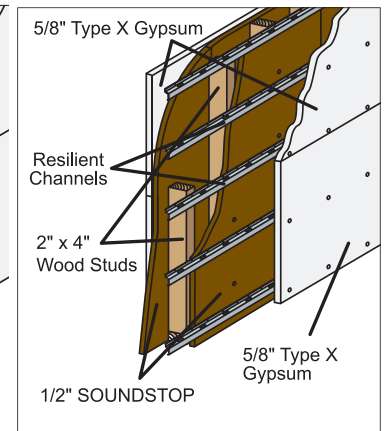
SOUNDSTOP on one side, 3 5/8" metal studs, 24" o.c., 5/8" drywall.

STC up to 48



SOUNDSTOP on two sides, 3 5/8" metal studs, 24" o.c., 5/8" drywall.






STC up to 49



SOUNDSTOP on two sides, 2" x 4" studs, 16" o.c., resilient channel on one side, 5/8" drywall.

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

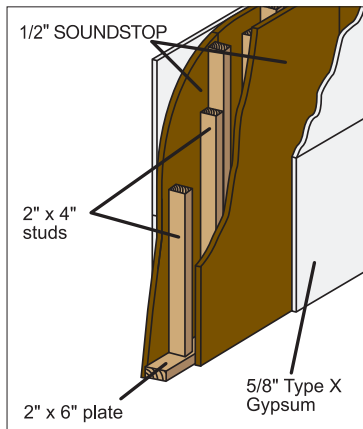
The STC rating is a widely used numerical scale that rates how well a wall or floor/ceiling system stops airborne sound transfer generated by speech, stereo, TV, or other sources. The higher the STC rating, the more efficient the system for reducing sound transmission. It is a common misconception that 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		
STC up to 60		SOUNDSTOP + Fiberglass Batt + Resilient Channels + 5/8" Drywall Superior sound proofing.
STC 50 STC of 50*		SOUNDSTOP + 5/8" Drywall Loud speech not audible. Vibration noise significantly reduced.
STC up to 44		Double Layer 5/8" Drywall Some loud speech heard. Vibration noise not reduced.
STC up to 39 (Privacy begins at STC of 40)		Fiberglass Batt + 5/8" Drywall Loud speech is still heard. STC rating fairly unchanged with addition of batts. Vibration noise not reduced.
STC up to 35		Single layer 5/8" Drywall Loud speech clearly heard. Vibration noise heard with single or double layer of drywall.

*IBC Sections 1207.2 & 1207.3

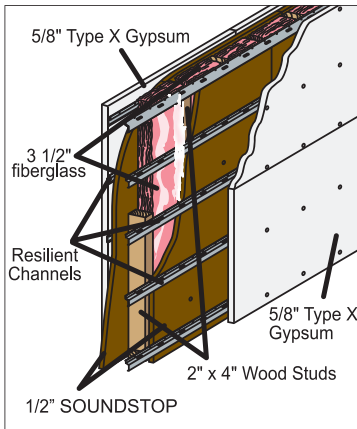
BEST

STC up to 50



SOUNDSTOP on two sides, 2" x 4" studs, 16" o.c. staggered on 2" x 6" top and bottom plates.

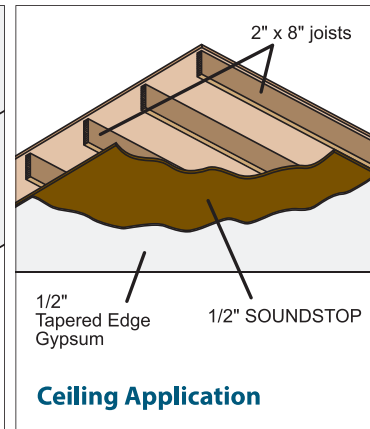
STC up to 56



SOUNDSTOP on two sides, 2" x 4" studs, 16" o.c., 5/8" drywall, fiberglass batts, resilient channels on one side.

FLOOR/CEILING

STC up to 33



Ceiling Application

SOUNDSTOP on underside of 2" x 8" floor joists, 16" o.c., 5/8" plywood sub-floor, 25/32" hardwood finish floor.



SOUNDSTOP FEATURES/BENEFITS

- The most cost-effective soundproofing solution available
- Offered in 4' x 8' x 1/2" and 4' x 9' x 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

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, U340, 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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