

CELOTEX®

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.*



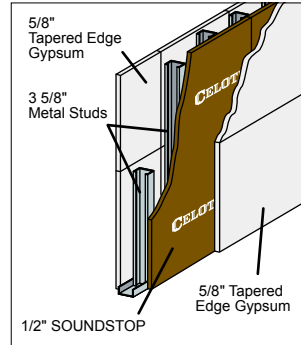
PRODUCT OVERVIEW

For more than 50 years, CELOTEX has been a trusted name in soundproofing expertise. CELOTEX SOUNDSTOP is now manufactured by BLUE RIDGE FIBERBOARD, INC., a subsidiary of W. R. MEADOWS. Be assured that BLUE RIDGE will continue the longstanding CELOTEX tradition of delivering reliability and convenience to the sound-deadening market at a competitive price. Maximize your soundproofing power by using SOUNDSTOP in homes and commercial buildings. SOUNDSTOP absorbs shock and sound vibrations that pass through drywall and blocks the sound vibrations from moving through the wall to adjoining rooms.

GOOD

BETTER

STC: 44

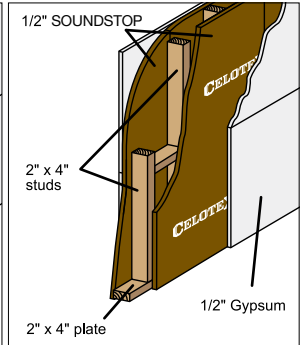


Framing: 3 5/8" metal stud, 24" o.c. Metal tracks.

Inner Board: Vertical SoundStop on one side of studs; fastened by 1" drywall screws 16" o.c. along edges and intermediately.

Outer Facing: 5/8" gypsum board fastened vertically on one side of studs directly to framing with 1" drywall screws 8" o.c. along edges, 12" o.c. intermediately. On other side over SoundStop, 5/8" gypsum board staggered 24" to Soundstop joints; laminated and fastened by 1 5/8" drywall screws 8" o.c. along top and bottom edges, 32" o.c. intermediately. Joints taped and cemented.

STC 46

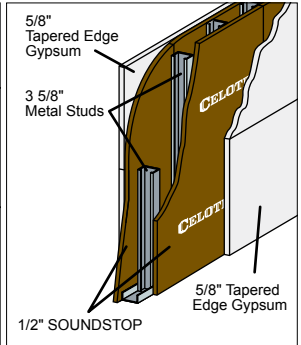


Framing: 2" x 4" studs, 16" o.c. 2" x 4" plates.

Inner Board: Vertical SoundStop on both sides. Fastened by 5d coated nails 12" o.c. at edges and intermediately, heads dimpled. Joints staggered.

Outer Facing: Gypsum board applied horizontally to both sides; vertical joints staggered. Joint compound applied to back of board in 6" strips (using metal spreader having 3/16" triangular notches 1/2" apart) around perimeter and along horizontal centerline. Each unit also fastened by 8d doubleheaded nails, 24" o.c., for removal after laminated cement dries overnight. Joints tapered and cemented.

STC 49

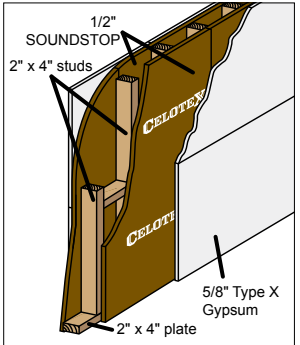


Framing: 3 5/8" metal studs, 24" o.c. Metal track, floor and ceiling.

Inner Board: SoundStop® applied vertically to both sides of studs; fastened with 1" drywall screws 16" o.c. along edges and intermediately.

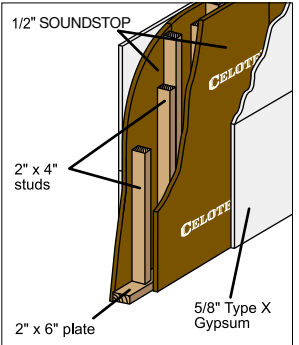
Outer Facing: 5/8" tapered edge gypsum board applied vertically to both sides of studs over SoundStop®; joints staggered on opposite sides and staggered 12" o.c. to SoundStop® joints. Laminated and fastened with 1 5/8" drywall screws 8" o.c. along top and bottom edges, 32" o.c. intermediately. Joints taped and cemented.

STC 50



Basic Application of SoundStop + 5/8" Drywall

STC 51








Framing: 2" x 4" studs, 16" o.c. staggered. 2" x 6" top and bottom plates.

Inner Board: 1/2" SoundStop applied vertically to outside of studs. Fastened 12" o.c. along edges and intermediately by 5d coated nails, heads dimpled.

Outer Facing: 5/8" Type X tapered edge gypsum board applied vertically over SoundStop; joints offset 16" to SoundStop joints. Joint compound, as laminating compound, applied to back of board in 6" wide strips around perimeter, 2" from edges, and along vertical centerline. Gypsum board blocked temporarily around perimeter until compound sets. Joints taped and cemented.

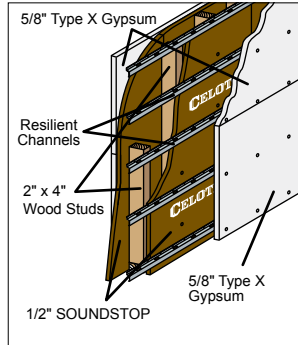
SOUNDSTOP HELPS ACHIEVE SOUND TRANSMISSION CLASS (STC) RATINGS OF 50 OR BETTER

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's + Resilient Channels + 5/8" Drywall Superior sound proofing.
STC 50 (International Building Code* (IBC) require 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's + 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.

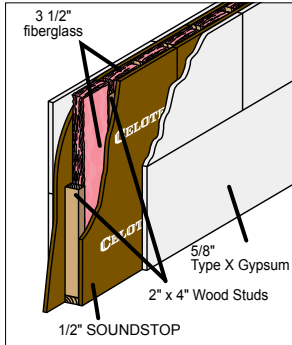
*IBC Sections 1207.2 & 1207.3

STC up to 54



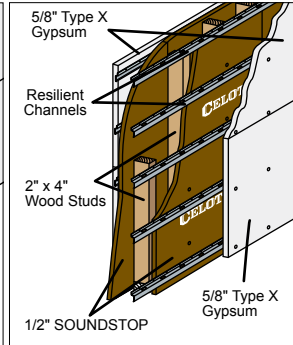
Basic Application of SoundStop + 5/8" Drywall + Resilient Channels, 1 side

STC up to 54



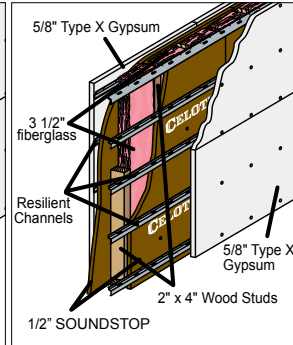
Basic Application of SoundStop + 5/8" Drywall + Fiberglass Batts

STC 57



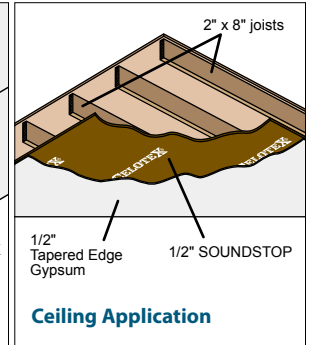
Basic Application of SoundStop + 5/8" Drywall + Resilient Channels, 2 sides

STC up to 60



Basic Application of SoundStop + 5/8" Drywall + Fiberglass Batts + Resilient Channels, 2 sides

STC 42



Ceiling Application

Framing: 2" x 8" joists, 16" o.c.
Flooring: 5/8" plywood subfloor 25/32" hardwood finish floor.

Ceiling: SoundStop applied across framing. Fastened by 5d coated nails, 24" o.c., along edges and intermediately, nail heads dimpled. 1/2" tapered edge gypsum board applied over SoundStop at right angles to board. Fastened by 1 3/4" GWB - 54 annular ring nails with 19/64" head, 7" o.c. joints tapered and cemented.



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

UL CLASSIFICATION

- Classified by Underwriters Laboratories, Inc. to ANSI/UL 263 Fire Resistance Rating, Assembly Design Number U387, UL File Number R25702.



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 Green Building Initiative (GBI) and United States Green Building Council (USGBC).



The use of SOUNDSTOP may contribute to following LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 4: Recycled Content
- MR Credit 5: Regional Material
- MR Credit 6: Rapidly Renewable Materials
- IEQ Credit 4.4: Low-Emitting Materials – Composite Wood and Agrifiber Products



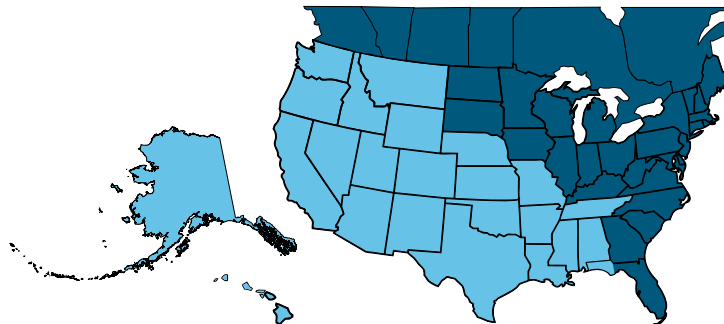
For further information on SOUNDSTOP, including data sheet, installation procedures, guide specs, and MSDS, visit www.blueridgefiberboard.com.

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