



# KNIGHT-CELOTEX SOUNDSTOP®

SOUND PROOFING FIBERBOARD

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Knight-Celotex Fiberboard  
a Knight Company

# SOUNDSTOP® SOUND PROOFING FIBERBOARD

## Celotex has been a trusted sound proofing expert for more than 50 years.

Since becoming Knight-Celotex in 2001, we have continued the tradition of delivering reliability and convenience to the sound deadening market at a competitive price. Knight-Celotex is the largest manufacturer of fiberboard with four facilities, and the only company with distribution throughout the United States, Mexico, and Canada.



## The SoundStop® Green Story

Knight-Celotex SoundStop® is your environmentally friendly choice. SoundStop® is made of 97% organic materials including recovered hardwood or sugar cane fibers and a supporter of the Green Building Initiative™ (GBI).

SoundStop® may contribute to LEED credits. In order to determine which plant produces board for your area, contact customer service at 800-375-0289. You may qualify for LEED points in the following areas:

- Credits MR 4.1 and MR 4.2 – Recycled Content
- Credits MR 5.1 and 5.2 – Regional Materials
- Credit MR 6 – Rapidly Renewable Materials
- Credit EQ 4.4 – Low-emitting Materials



## SoundStop® Sound Proofing Fiberboard

Maximize your sound proofing power by using SoundStop® Sound Proofing Fiberboard in homes and commercial buildings. SoundStop® takes shock or sound vibrations that make it through drywall and doesn't allow the sound vibrations to move through the wall cavity to the other side. 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, "Sound Proof" or "Sound Proofing" or any variation does not equal 100% sound elimination.*

## Knight-Celotex SoundStop® Features and Specifications:

- Boards are offered in 4' x 8' x 1/2" and 4' x 9' x 1/2"; 95 boards per unit
- Perm rating between 20 and 30.
- R-Value of 1.3
- Promotes a breathable wall system and is best used when a building envelope is too tight








## UL Classification

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

## SoundStop® Helps Achieve Sound Transmission Class Ratings of 50 or Better

Sound Transmission Class (STC) Rating is a widely used numerical scale that rates how well a wall or floor/ceiling system stops sound transfer generated by speech, stereo, TV, or other sources. The higher the STC, 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. SoundStop® achieves STC ratings exceeding International Building Code® (IBC) requirements, making it an excellent choice for your next sound stopping job.

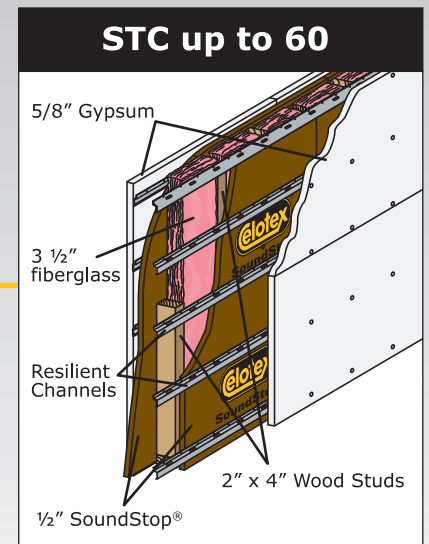
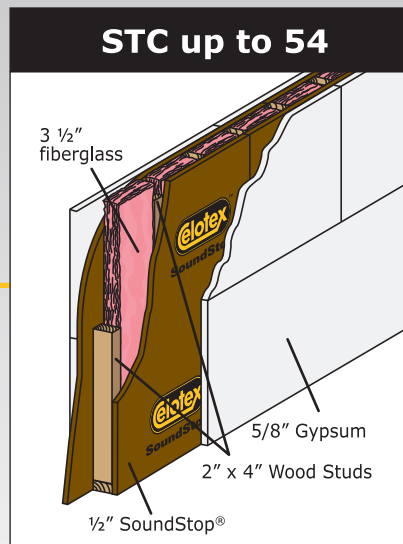
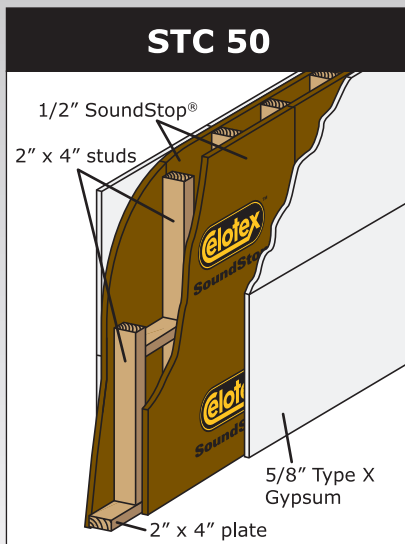
### STC Rating Scale

<b>STC up to 60</b>		<b>SoundStop®</b> + Fiberglass Batts + Resilient Channels + 5/8" Drywall	Superior sound proofing.
<b>STC 50</b> (International Building Code® (IBC) requires STC of 50)*		<b>SoundStop®</b> + 5/8" Drywall	Loud speech not audible. Vibration noise significantly reduced.
<b>STC up to 44</b>		Double Layer of 5/8" Drywall	Some loud speech heard. Vibration noise not reduced.
<b>STC up to 39</b> (Privacy begins at STC of 40)		Fiberglass Batts + 5/8" Drywall	Loud speech is still heard. STC rating fairly unchanged with addition of batts. Vibration noise not reduced.
<b>STC up to 35</b>		Single layer of 5/8" Drywall	Loud speech clearly heard. Vibration noise heard with single or double layer of drywall.

\*IBC Sections 1207.2 & 1207.3

## The difference of a SoundStop® inch:

By simply installing SoundStop® on both sides of a standard wall partition, you are able to achieve STC ratings of 50; that's 15 points higher than your standard wall partition. Adding an inch of SoundStop® not only achieves high STC Ratings but will also add to the resale value of the property.





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