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Product Description

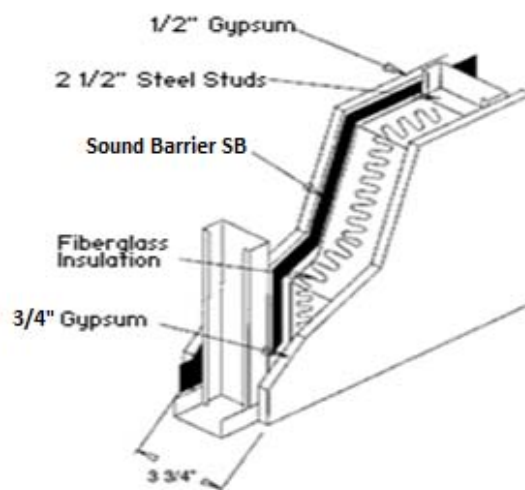
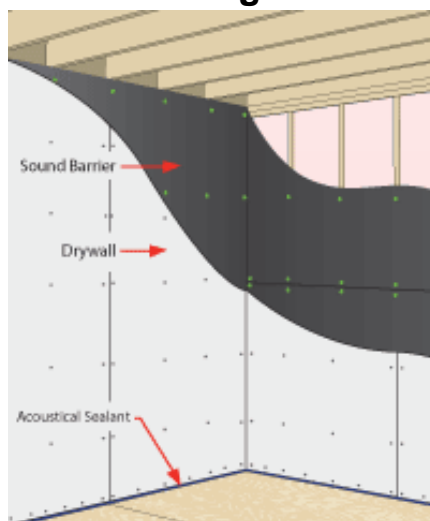
SoundBarrier SB



Sound Barrier SB is a flexible, non-reinforced mass loaded vinyl that reduces the transmission of airborne noise. This material is ideal for direct applications to the noise source and to reinforce walls, floors, as well as ceilings. The installation is simple, and this material provides a low cost solution for noise isolation.

The Sound Barrier SB material is used to treat the interior of walls and ceilings to help keep noises from transmitting from one room to the other. Typically it is combined with sheetrock, plywood, and fiber glass to provide a light weight solution to high transmission losses over a broad frequency range.

Manufacturing



Acoustical Performance

Noise Transmission Loss (db)	Noise Transmission Loss (db)	Noise Transmission Loss (db)	Frequency (Hz)
SB 100	SB 150	SB 200	
16	17	18	125
17	19	22	250
22	25	26	500
27	31	32	1000
31	36	35	2000
36	44	40	4000
26	29	31	STC

Technical Properties

Material Properties

Properties of a Typical SB 100	
Weight	1 lb/ Ft ²
Tensile Strength	2750 kPa
Thickness	1/8"
Temperature Elongation	40° F to 180° F

Density	Roll Size
SB 100 (1 lb/ Ft ²)	48" x 25'
SB 100 (1 lb/ Ft ²)	48" x 50'
SB 150 (1.5 lb/ Ft ²)	54" x 60'
SB 200 (2 lb/ Ft ²)	48" x 25'

Fire Resistance

Flammability: SE "0" in/min

Installation

To install simply nail in, staple, or screw in the Sound Barrier roll to any construction framework or over furring strips; if the installation will be over a finished wall then drywall over it. Make sure all gaps are sealed and that all seams are overlapped. The Sound Barrier material will not shrink, rot, or cause any metal corrosion. It features very strong resistance against any adverse environmental conditions, and to any oil or weak acid leaks.

Projects

The Sound Barrier SB rolls can be installed in Radio Studios, Recording Studios, Schools, Gymnasiums, Theaters, Apartments or any other facility with the need of noise control.

