



When combined with the Fabricmate System, SoundSentinel® can give you superior sound isolation

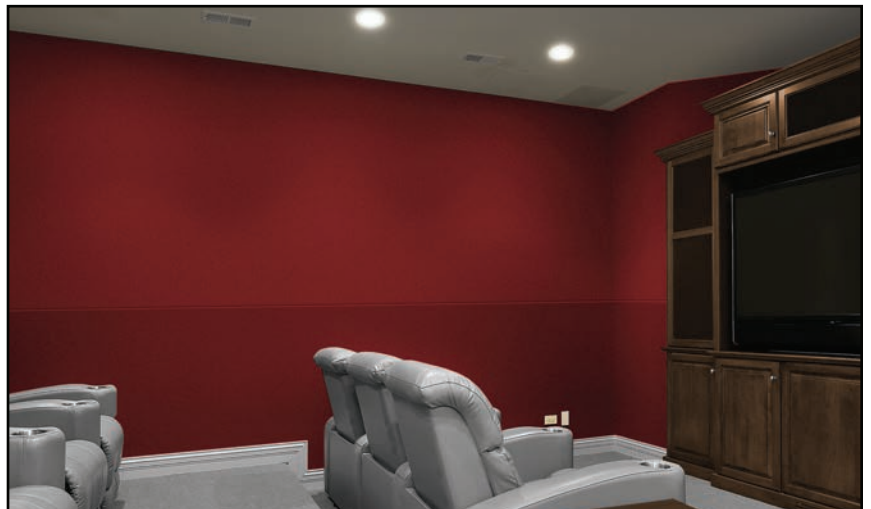
SoundSentinel® is a mass loaded vinyl barrier designed for commercial, industrial, and residential applications to reduce sound disturbances in a space. It is used primarily behind finished wall or ceiling surfaces to block and dampen noise across the sound spectrum. SoundSentinel® is

also extremely effective as a pipe and duct wrap to absorb additional noises. Because it resists mold and mildew, it's also a great air and moisture barrier to improve HVAC efficiency. Pair with Fabricmate's Acoustic Wall Finishing System for a comprehensive and versatile noise control solution.

UP TO STC 65 | MOLD & MILDEW RESISTANT | FULLY RECYCLABLE | FLEXIBLE | MOISTURE & AIR BARRIER



Sample piece of SoundSentinel



Drastically improves sound isolation

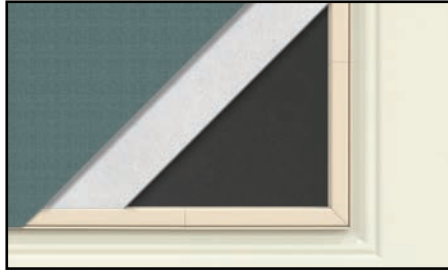
SOUNDSSENTINEL® REAL WORLD PERFORMANCE

Wood Studs 16" oc	TYPE OF SOUND	TRUCK	DOG BARK	TALKING	PHONE RING
	FREQUENCY	125hz	400hz	1250hz	2500 hz
	Standard Wall (STC 34)	13	36	47	37
	.5 lb SoundSentinel (STC 26)	17	39	52	46
	1 lb SoundSentinel (STC 28)	19	41	54	48

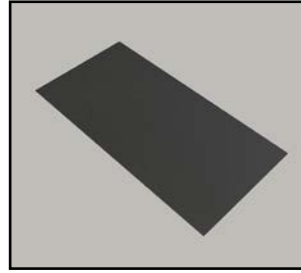
SoundSentinel® out performs the untreated wall at each frequency, though the difference in performance varies by frequency. These values represent a single layer of SoundSentinel® but additional layers can increase effectiveness.

While the STC is an easy-to-use universal measurement of sound transmission, it doesn't tell the whole story. The sounds around us come in a wide range of frequencies but STC only measures one point in that range at 500hz. The values in the table to the left represent the sound lost in transmission (amount of sound the wall blocked).

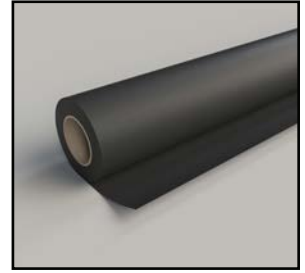
Stopping sound waves is not just about a barrier's thickness. SoundSentinel® is a unique EVA that offers a dense but flexible layer of protection. This formula is able to trap sounds of all different wavelengths and keep them out of your space.



Cutaway showing Fabric, ReCore, SoundSentinel, & Frame



SoundSentinel laid flat



SoundSentinel on a roll

SOUNDSENTINEL® FEATURES

REDUCE AIRBORNE & IMPACT NOISE IN:

- Commercial & Residential Construction
- Multi-Family Units & Bedrooms
- Hotels
- Music Rooms & Home Theaters
- Conference Rooms
- Privacy Protected Areas

BENEFITS:

- Significantly reduces airborne and impact noise for a more peaceful and private atmosphere
- Acts as an air and moisture barrier for HVAC efficiency
- Flexible and easy to use
- Mold & Mildew resistant

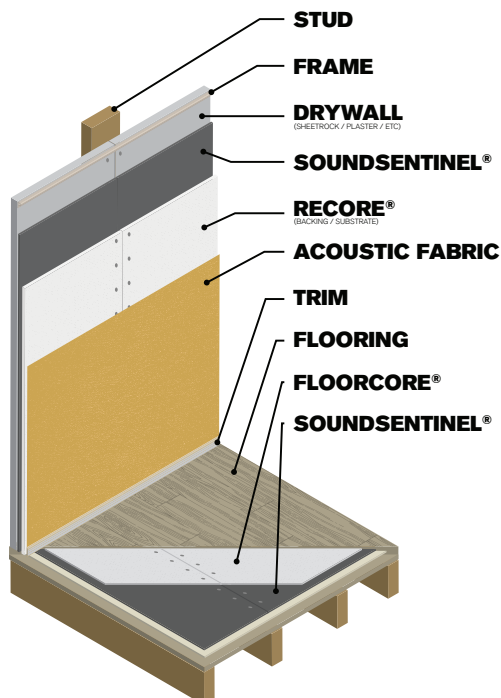
ECO-FRIENDLY:

- Proudly made with post industrial recycled material that would otherwise be sent to a landfill
- 100% recyclable at end-of-life
- LEED credits available
- Unlike PVC, our EVA does not harden over time or pose a health risk if burned

PREPARATION & APPLICATION

- Surfaces to receive SoundSentinel® should be clean and dry
- Installers should utilize acoustical sealant, tape, sound rated putty, and sound isolation materials to preserve the acoustical integrity (do not use within 2 ft of a light fixture)
- Install vertically so seams fall on studs
- Attach only at the top with screws and staples (it will be secured permanently when finished wall is fastened)
- Installation is recommended at or above room temperature as materials can be less pliable at low temperatures
- May be used on existing finished walls or covered with another layer of drywall

SOUNDSENTINEL® CUTAWAY



SPECIFICATIONS

	.5 lb	1 lb
Description	Mass Loaded Vinyl Barrier	Mass Loaded Vinyl Barrier
Thickness	0.05"	0.079"
Sold By	Per Roll	Per Roll
Roll Dimensions	4' x 32.5'	4' x 32.5'
Weight	.45 lb / sq ft (nominal)	.9 lb / sq ft (nominal)
Type	Reinforced	Reinforced
Color	Black Vinyl	Black Vinyl
Tensile Strength	400 p.s.i. request	400 p.s.i. request
Tear Strength	72 lb / in	72 lb / in
Ultimate Elongation	40% min	40% min
Temperature Range	-40 deg F to 180 deg F	-40 deg F to 180 deg F
Standard Tolerances		
Width	+ 0.5" - 0"	+ 0.5" - 0"
Height	+ 1% - 0"	+ 1% - 0"
Sound Transmission ASTM E90-02 (SAE J1400)	Passes min STC 26	Passes min STC 28
Flammability ASTM E84 Rev. A	Class 1*	Class 1*
Fire Resistance ASTM E119 08	Passes 1 hr Test*	Passes 1 hr Test*
Fungal & Algal Growth ASTM D3273, ASTM G21	No Growth	No Growth

