

## AudioSeal<sup>®</sup> Sound Barrier



### TECHNICAL CHARACTERISTICS

**ROLL WIDTHS:** 48", 54"

**ROLL LENGTHS:** Various up to 60' (l)

**THICKNESS:** 1/8" (1 lb. / sq. ft.),  
1/4" (2 lb. / sq. ft.)

**WEIGHT:** 1 lb. / sq. ft. (1/8"),  
2 lb. / sq. ft. (1/4")

**FLAMABILITY:** SE "O" in./min.

**TEMP. RANGE:** -40- 180 deg. F.

**STC:** 26 (1 lb. / sq. ft.),  
31 (2 lb. / sq. ft.)

### DESCRIPTION

Audioseal<sup>®</sup> Sound Barrier is a mass loaded vinyl (mlv) sound barrier used to reduce the amount of airborne sound from transmitting through walls, floors and ceilings. It can be added to various construction assemblies to increase STC (Sound Transmission Loss) of the structure. It is a limp-mass material made of high-temperature fused vinyl and no lead fillers. Audioseal<sup>®</sup> Sound Barrier is very dense, weighing one to two pounds per square foot. Audioseal<sup>®</sup> is commonly used in new construction and also to correct noise problems in existing spaces.

Audioseal<sup>®</sup> Sound Barrier is a non-reinforced version for wall and ceiling installations. Audioseal<sup>®</sup> is tear resistant, yet easy to cut with a utility knife. Its available in 48" or 54" widths and various lengths to provide the best utilization for your project.

Usually installed direct to the studs, it may also be installed between layers of drywall. Often, the mass loaded barrier is used in combination with other materials to create a soundproof system. Combining it with layers of sheet rock with Green Glue and resilient clips and channels will improve the sound transmission loss of the complete assembly.



SOUND TRANSMISSION LOSS							
WEIGHT	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
1 lb/sq ft	16	17	22	27	31	36	26
2 lb/sq ft	16	22	26	32	35	40	31

