

Reinforced vinyl noise barriers – ANC-VB62

Reinforced vinyl noise barriers are typically used in applications requiring high tensile, breaking, and tear strength, as well as excellent UV and weather resistance such as in long term exterior sound walls. Reinforced vinyl noise barrier is also used as the blocking component in barrier backed composites.

When used in conjunction with a quilted fiberglass absorber, STC ratings of up to 32 can be achieved.



REINFORCED BARRIERS SPECS:

- Reinforced barriers have excellent UV and weather resistance
- Available in 1PSF and 2PSF density
- Available in 54" wide x 30' or 60' long rolls
- High-strength polyester fabric reinforcement is utilized in the center of the barrier to dramatically improve its durability, tear and hanging strength
- Used in industrial, commercial, construction, residential and OEM applications
- Used in the fabrication of barrier backed composites in the manufacturing of acoustic enclosures, barriers, and exterior sound walls.

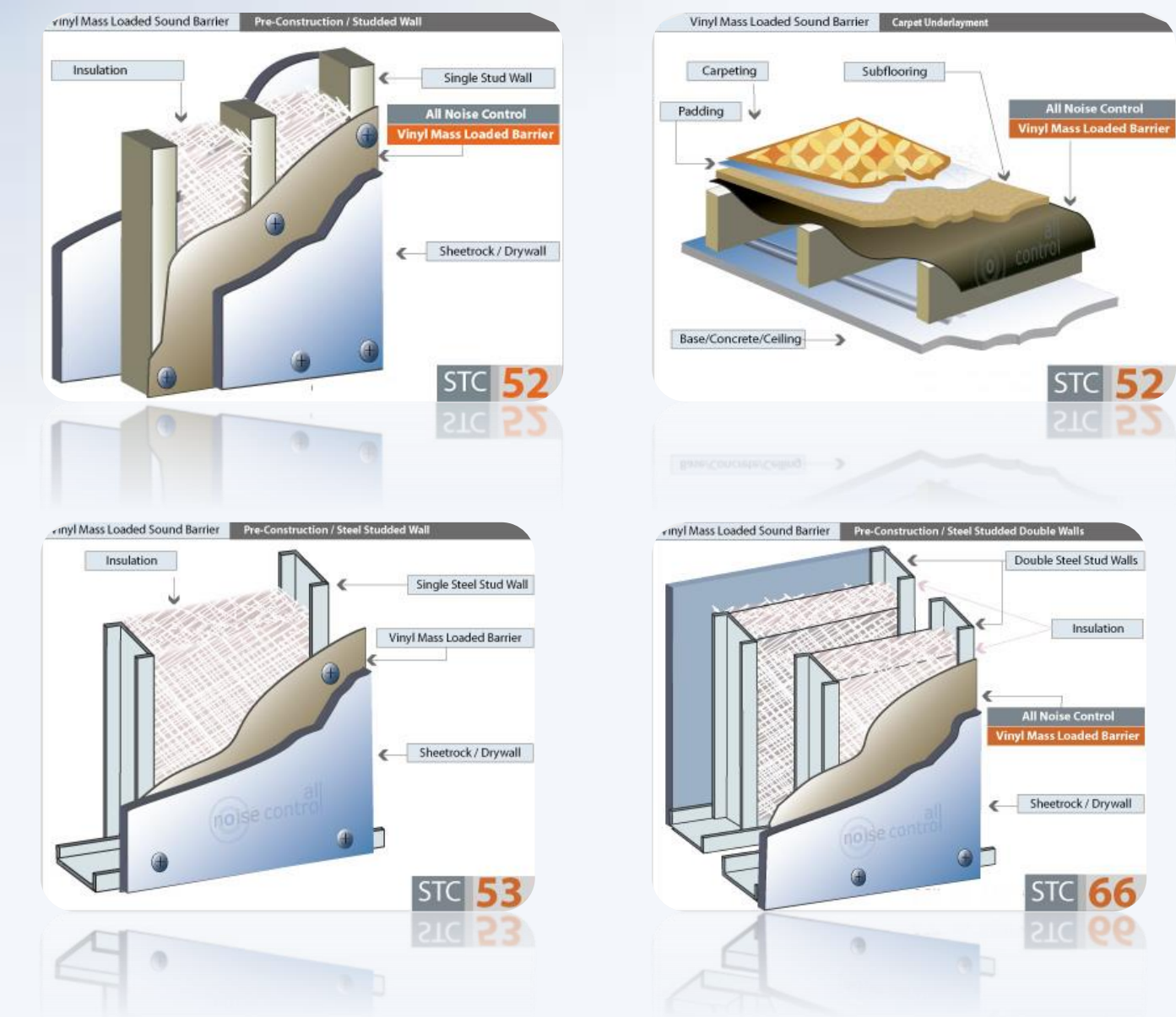
VINYL BARRIER ACOUSTIC MATERIAL ANC-VB62

This high density thin, weighted barrier, constructed of non-reinforced high temperature fused vinyl with no lead filters. Weighs one pound per square foot and is 1/8" thick. Apply to block transmission of sound through walls, floors, and ceilings. Also effective as a pipe and duct wrap to damper vibrations and reduce noise. Also available in a reinforced version designed to sustain its own vertical weight for suspension.

Ceiling Barrier Tiles with Vinyl Sound Barrier: We carry a ceiling tile barrier tile with 1" fiberglass & 1 pound scrim faced Vinyl Sound Barrier material.

Package/Roll:	54"x 30' AND 54" x 60' rolls (please specify when quoting)
Weight/Sq.Ft.	2lb
Tensile (Psi)	762
Gauge (inches)	108"
Elongation (%)	200%
Die "C" Tear (#/In.)	114
200 Deg. F/7 Days	No defomration: <1% Shrink
Elongation (%)	200%
Mil Std. 6411 Burn Test	9 (Pass)
MVS 302 Burn Test	Pass: Self Extinguished
STC	27 (1lb) & 32 (2lb)

Vinyl Sound Barrier Cross Section:



Mass Loaded Vinyl Sound Barrier

ITEM#	THICKNESS	SIZE	DENSITY	FREQUENCY (Hz)	125	250	500	1K	2K	4K	STC
VB-60	1/8"	54" x 30'	1.0 lb/sf (4.88 kg/m2)		14	19	27	29	34	40	27
VB-62	1/4"	54" x 30'	2.0 lb/sf (9.76 kg/m2)		19	19	27	34	38	43	34

FIRE RATINGS

Flammability: UL 94 HF1 Meets 1MVSS 302