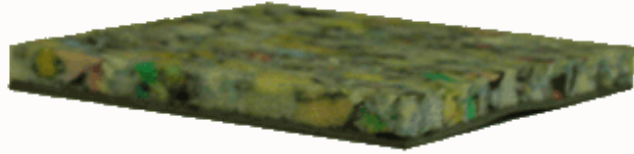


## Vibramat Carpet Underlay



The acoustical composite of Vibramat is specifically designed to provide maximum impact and airborne noise reduction over a broad frequency range for carpeted floors. Vibramat combines a dense, flexible, non-lead vinyl loaded barrier with resilient acoustical foams. Unlike other available composites, Vibramat's multiple layers are manufactured without adhesives, thus eliminating the potential for failure between layers and the possibility of barrier and foam degradation. Vibramat consists of a 1lb/ft<sup>2</sup> loaded vinyl barrier with an acoustical rebond available on either one (shown above) or both sides.

### Application:

- Floor-to-floor acoustic separation

### Installation:

Install 6" or 8" LV-1 perimeter strips around the perimeter of the room. Tackless is secured to the perimeter strips and the Vibramat is laid down like any other carpet underlay. Install carpeting as usual.

### Physical Properties:

Roll Size:	34" by 45'
Thickness:	7/16" (2-layer); 11/16" (3-layer)
Density:	Barrier- 1 lbs./sq. ft.; Foam- 7-8lb./sq.ft.
Tear Strength:	Barrier 20 lbs./in. min. ASTM D624, Die "C"
Tensile Strength:	Barrier 240 lbs./sq. in. ASTM D412, Die "1"
Temperature Range:	-30°F to +200°F MIL-STD-810 at 250°F, 7-24 hr. periods-PASS
Cold Crack:	MIL-STD-810 at -25°F, 1" mandrel-Pass
Peel Strength:	4.2 lbs./in. min. ASTM D903
Elongation:	120%
Flammability:	MVSS 302, SAE J369, Formulations to FAR 25.853, UL-94V-0

### Acoustical Properties:

	<u>Frequency, Hz</u>						
	125	250	500	1000	2000	4000	STC
Sound Transmission Loss in dB	15	17	21	27	32	36	26

### Available:

2-Layer Vibramat	1lb. Loaded Vinyl Barrier - Rebond
3-Layer Vibramat	Rebond - 1lb. Loaded Vinyl Barrier - Rebond

