

MASS LOADED VINYL SOUNDPROOFING BARRIER

ABSORB AIRBORNE SOUND ENERGY

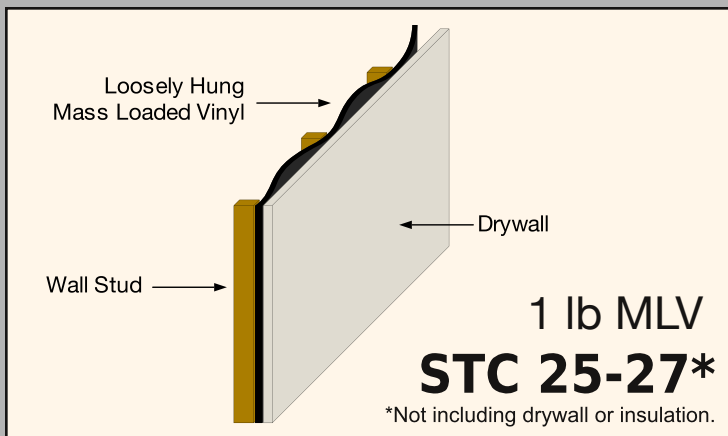


MINIMIZE SPACE USED FOR MATERIALS

REDUCE SOUND ACROSS FREQUENCIES

CLASSIC SOUNDPROOFING TECHNIQUE

A quiet room free from outside distractions is attainable with modern soundproofing techniques. Mass loaded vinyl or limp mass barrier is a versatile solution for walls, ceilings, floors and other applications. When sound waves hit loosely installed MLV, the energy in the sound waves is absorbed while moving the barrier, reducing the amount of energy remaining in the sound waves.



MLV packs a large amount of mass in a minimal thickness. The more mass a soundwave has to move, the more sound energy is absorbed. However, if the MLV is not loosely installed with room to flex, the sound energy does is not allowed to move the barrier and the MLV is less effective.

Limp Mass Barrier

Mass loaded vinyl (MLV) is a soundproof barrier that works best when it is installed so that material is "limp" and has room to flex when pushed by sound waves. The heavy mass of the barrier absorbs sound as it interacts with the barrier.

Flexible Solution

MLV is a flexible, 1/8" thick material that can bend and flex into many configurations, making it an extremely versatile solution. It's thin profile allows you to add soundproofing, while sacrificing only a minimum of space.

Easy To Install

MLV can be installed to wood frame buildings with conventional staple guns. No special tools or skills required result in a simple installation process.