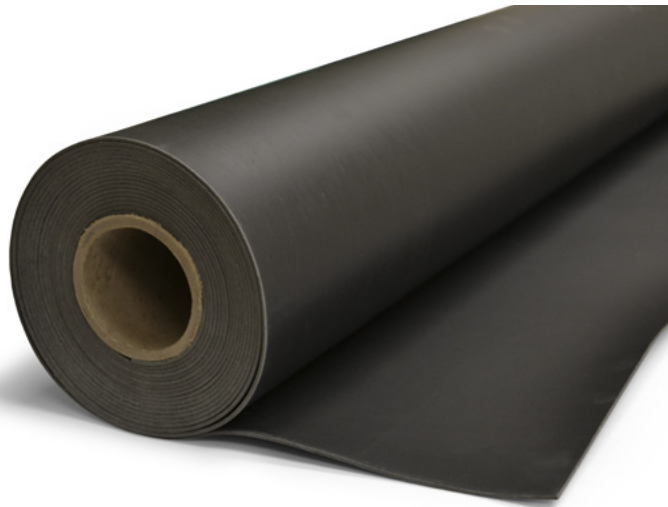


1. For a quick installation, use a pneumatic cap stapler and fasten every 8" along the top plate and length of studs.
2. For superior sound isolation results, use outlet [Putty Pads](#) over electrical boxes before installing the material.
3. Use 3/4" wafer head with self-tapping screw and washers or equivalent for steel stud installation.
4. Be sure to avoid putting two layers of overlapping material on the framing. This will avoid any issues with installing drywall flush to the wall.
5. Having a seam on a stud makes it easy to avoid vinyl or foil tape. To install on a seam, butt two panels of material. Do not allow any overlap. Fasten each separately to the framing. Cover each seam with about 2" strip of foil or vinyl tape.
6. When the length of the material does not fit your entire framing, seams can occur between studs. Overlap approximately 2" of material over the next panel. Cut away the layer overlapping the top and bottom plates of framing. Seal seam with 2' wide vinyl tape strip.

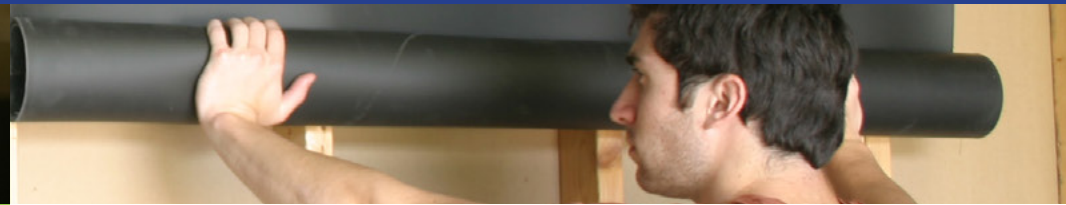


Mass Loaded Vinyl also known as MLV is specifically designed to act as an acoustic barrier, reducing noise transmission through floors, walls, and ceilings. The product can be screwed, stapled, nailed, or hung like a curtain using grommets.

MLV can be utilized in both commercial and residential applications including, condos, home theaters, music rooms, bedrooms, bathrooms, recording studios, healthcare facilities, theaters, hotels, and many more.

Mass Loaded Vinyl Acoustical Barrier Installation Guide

Mass Loaded Vinyl Acoustic Barrier Installation Guide



Before You Start:

- Installing MLV on walls or ceilings requires two people.
- Fiberglass or Mineral Fiber insulation should be installed in the stud cavity.
- Install the MLV on side of the wall partition where the noise source is. This is the “noisy” side of the wall partition.
- When possible, seams should be tightly butted and centered vertically on studs.
- When seams occur in stud cavities overlap the MLV by 2”, caulk with acoustical caulk, and tape with seam tape.
- Proper installation around electrical boxes and any other barrier penetrations is critical.
- Any air leak penetrations will compromise total barrier performance.

Tools Needed for Installation:

- Bostitch T6-8 Crown Stapler, or hammer and/or drill for fasteners
- Tape measure
- Utility knife
- Straight edge or T-square
- Ladder or scaffolding

Material for Installation:

- Fasteners for wood and steel stud assemblies
- Seam Tape
- Acoustical Caulk

Supporting the Fasteners:

MLV is highly resistant to tear, it can be damaged under its own weight. This is why the type of fastener used is important. One or two fasteners is not enough to support the material. Start with several fasteners at the beginning of the roll before allowing to hang. Do not rely on drywall alone to support the weight.

INSTALLATION STEP-BY-STEP INSTRUCTIONS

- 1** Measure the distance between the floor and ceiling. Subtract 1/8”-1/4” from the length that is measured.
- 2** Place the MLV on a flat surface and cut to desired length.
- 3** Cut a square edge with a T-square and a utility knife.
- 4** With two people holding up the material, place it in the top corner of the wall. Ensure the material is straight at the top, to drape the wall evenly. Maintain the same gap along the floor and ceiling.
- 5** For 16” on center (o.c) framing, hammer the nail and washer through MLV every 24” o.c. along the top plate length of each stud. For 24” o.c. framing, hammer another nail into the top and bottom plate between each stud.
- 6** Do not cover the electrical outlet boxes. Expose the outlet boxes as you install each length of material. Find the box in the wall and gently press the material against the box. Using a razor blade knife cut the opening along the edges of the box. Keep this hole as tight as possible to the electrical box, so you get a good seal.
- 7** Continue with steps 1-6 until the entire ceiling or wall is covered. Where seams fall on a stud, butt panel against one another and affix with foil or vinyl tape and overlap the material by 2”.
- 8** Put your drywall over MLV. Caulk all seams around the perimeter with [acoustical sealant](#).
- 9** Mud drywall seams and finish wall as needed.

For more information on Mass Loaded Vinyl contact
Sound Acoustic Solutions at **877.399.9697**