



## Before You Start:

- Installing MLV on walls or ceilings requires two people.
- Fiberglass or Mineral Wool insulation should be installed in the stud cavity as this will further assist in reducing noise.
- When possible, seams should be tightly adjoined and centered vertically on studs.
- When seams occur in between stud cavities, overlap the MLV by 2", caulk with acoustical caulk, and then tape with seam tape.
- Proper installation around electrical boxes and any other barrier penetrations is critical.
- Any air leak infiltrations will compromise total barrier performance.

## Tools Needed for Installation:

- Hammer and/or drill for fasteners
- Tape measure
- Utility knife
- Straight edge or T-square
- Ladder or scaffolding

## Materials for Installation:

- Fasteners for wood and steel stud assemblies
- Seam Tape (Aluminum foil tape or Scapa Tape)
- Acoustical Caulk
- Screws and washers

## Supporting the Fasteners:

MLV can be torn easily when hanging due to 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. Do not rely on drywall alone to support the weight.



## INSTALLATION INSTRUCTIONS

1. Measure the distance between the ceiling and the floor. Subtract ¼" to ½" from the total to allow for a small perimeter gap. This gap will be filled in later.
2. Roll out the MLV. Using previous measurements, transfer this to the MLV and, with a razor knife, cut to the required length. For a straight cut use a straight edge or T-Square.
3. With the help of an assistant, position the first strip of MLV in the top corner against the wall frame. Verify the MLV is straight so it will evenly drape the wall from top to bottom. Maintain a small gap along the perimeter as discussed in step 1.
4. Begin fastening with nails, screws, or staples along the top, working your way across the MLV and down the wall. Use of a small washer is recommended if using screws. Nails with a wide flat head are highly recommended.
5. Having a seam on a stud makes it easy to avoid using vinyl or foil tape. To install on a stud, butt two panels of material together. Do not allow any overlap. Fasten each piece separately to the framing.
6. Fasten the nail or screw with a washer 2" on center along the top, bottom, and length of each stud. For steel stud installation, use ¾" wafer head TEK self-tapping screws with washers.
7. Repeat steps 2-5 until your entire wall or ceiling is covered in MLV. When MLV seams terminate on a stud, butt the pieces together, caulk the seam, and apply duct or foil tape. When MLV seams terminate between studs, overlap the MLV about 2", and tape the seam.
8. Electrical outlets: Avoid covering electrical outlets or other openings. It is best to expose the outlets by cutting around them as you install each strip of MLV. Acoustical caulk should be used to seal all seams and edges around any of these openings.
9. Once your installation is finished, caulk the perimeter with acoustical caulk. Proper sealing of edges will help you achieve the desired results.
10. Your installation is now complete. Hang your drywall over the MLV and apply your desired finish.