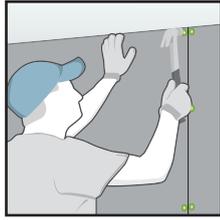


## Installing the Material (cont.)

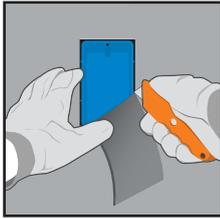
Step 5

- For 16" on center (o.c.) framing, hammer the nail and washer through SoundSafe 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.



Step 6

- Do not cover electrical outlet boxes. Expose the outlet boxes as you install each length of material. Find the electrical box in the wall and gently press the material against the box. Using a razor blade knife carefully 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. **Note about Putty Pads:** For superior sound isolation results, use outlet Putty Pads over electrical boxes before installing material.



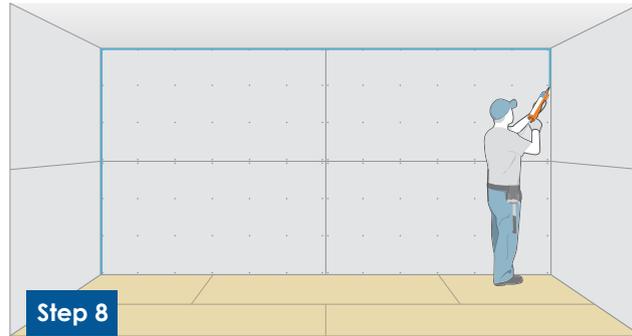
Step 7

- Continue with steps 1-6 until your entire ceiling or wall is covered. Where seams fall on a stud, butt panels against one another and affix with foil or vinyl tape. Where seams fall between studs, overlap the material by 2". **Note:** See "Handling Seams" sections for more detailed instructions.



**Note about Steel Stud Installation:** Use 3/4" wafer head with self-tapping screws and washers or equivalent.

- Put your drywall over SoundSafe, vertically or horizontally. Caulk all seams around the perimeter with acoustical sealant. Quality sealing is required for good sound deadening results.

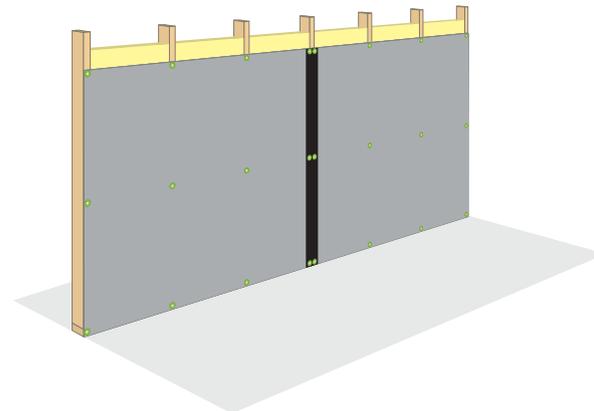


- Mud drywall seams and finish wall as needed.

## Handling Seams when Applying the Material

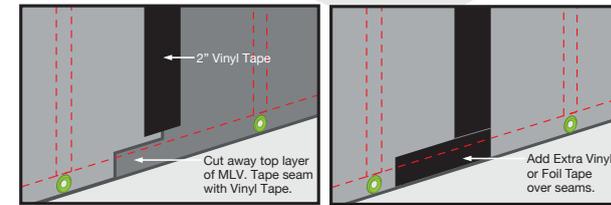
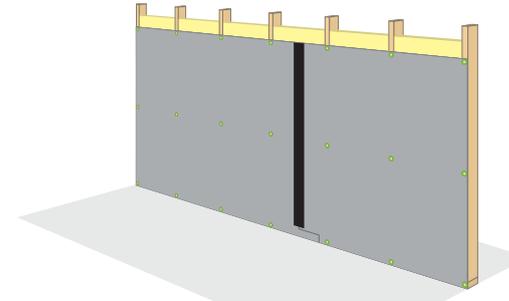
### Handling Seams on the Stud

Having a seam on a stud makes it easy to apply 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. Finally, cover each seam with about a 2" strip of foil or vinyl tape.



### Handling Seams between the Studs

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 top and bottom plates of the framing. Seal seam with 2" wide vinyl tape strip.



**Note about overlapping SoundSafe:** 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.

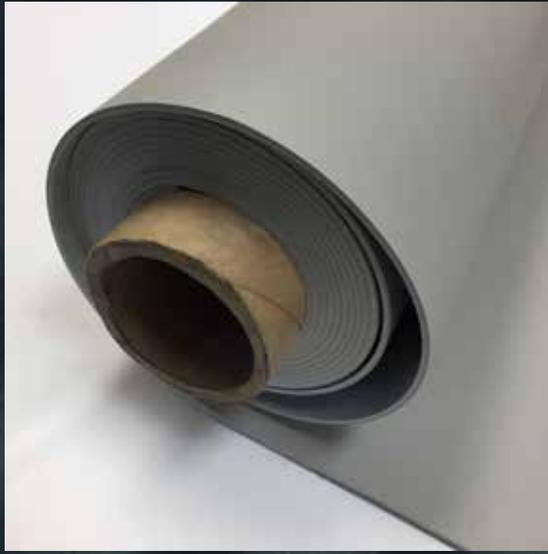
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## MLV Acoustic Barrier Installation Manual



**XTRM Ply® SoundSafe™** is specially designed to act as an acoustic barrier, reducing noise transmission through floors, walls and ceilings. It is a smooth, reinforced high density mass loaded vinyl (MLV) ideal as an acoustic wrap for machinery, equipment and ductwork. Typical application consists of applying SoundSafe over studs, joists or suspended ceilings. The product can be screwed, stapled, nailed or hung like a curtain using grommets.



## Applying SoundSafe

SoundSafe can be installed over existing wall or ceiling surfaces or directly to wood/metal framing. Options for framing include the following:

- loosely or taught on framing
- attached to framing
- between layers of drywall, plywood, plaster, etc.

If installing on bare wall studs or ceiling joists, install parallel to framing (vertically on wall studs). Because of the stud or joist behind the seams, you can put pressure on them. If you are putting SoundSafe on existing drywall or plaster, find the studs/joists and mark them with a chalk line. SoundSafe can be either horizontally or vertically installed as the wall will provide seam support. The final result should be a flat application of the material.

## Supporting the Fasteners

Although SoundSafe is highly resistant to tears, it can be damaged under its own weight. *This is why the type of fastener used is important.* A wide head fastener, such as cap stapler, screws with plastic washers or roofing nails assists greatly with weight distribution. One or two fasteners is usually NOT enough to support the material. Start with several fasteners at the start of the roll before allowing to hang. Do not rely on drywall alone to support the weight. All fasteners must be affixed directly into the frame, flush with the structure.

## Materials Needed for Installation:

- T-Square or Straight Edge Pneumatic Cap Stapler, Hammer or Screw Driver
- Roofing Nails, Cap Staples or Screws with Caps
- Vinyl or Foil Seam Tape
- Acoustical Sealant
- Tape Measure
- Utility Knife
- Outlet Putty Pads (OPTIONAL)

## SoundSafe® Material Specifications:

- Mass Loaded Vinyl
- Size: 54" x 240" or 54" x 120"
- Color: Graphite
- Surface: Smooth Finish
- Weight 1.0 lbs./sq. ft.
- Thickness: 1/8"
- Tensile Strength: ASTM-D412 - 1500 psi Average
- Trapezoid: ASTM-D751, 70 lbs.
- Hardness: ASTM-2240, 83+/-5 Shore - A Durometer
- Elongation: ASTM-D412, 35% average
- Burn Test: Meets UL94
- Service Temp: -20F to 225F
- 100% Recycled PVC

## Preparation Before Installation – Measuring & Cutting Material

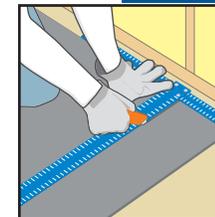
1. Measure the distance between floor and ceiling. Subtract 1/8" - 1/4" from the length that is measured.



2. Place the SoundSafe material on a flat surface and cut to desired length.

Step 2-3

3. Cut a square edge with a T-square and a utility knife.



## Installing the Material

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 floor and ceiling.

For quick installation, use a pneumatic cap stapler and fasten every 8" along the top plate and length of the studs.

