



## QUIET BARRIER COMPOSITES

### Description

Quiet Barrier Composites are specially designed mass-loaded vinyl products bonded to high-density acoustical foams engineered to block and absorb the transmission of sound waves. Quiet Barrier Composites are perfect materials where performance is paramount and a surface mounted application is desired. Quiet Barrier Composites are some of the most versatile products on the market as far as application. The instructions that follow are to be used for the Quiet Barrier HD, MD and LD Composite material both with and without PSA. Please read instructions thoroughly before starting installation and if you have a question, please do not hesitate to call 1-866-949-9269.

### General Installation Tips

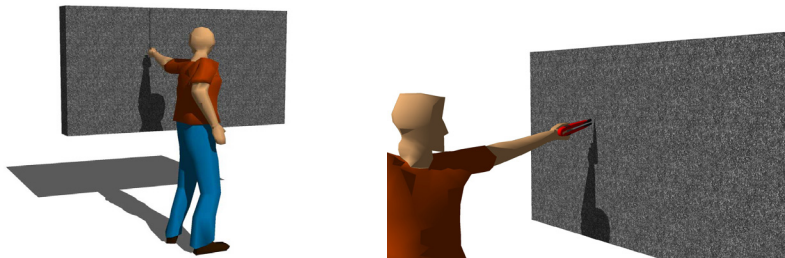
Quiet Barrier Composite is an effective solution for sound transmission through walls and ceilings in mechanical rooms, as well as heavy duty machinery enclosures or general engine compartment applications. Quiet Barrier can be installed directly over existing drywall or block walls in mechanical rooms or mounted directly to metallic surfaces as well. It is important that the area in question is covered 100% and that all seams - including the perimeter - and any cuts in the material are properly sealed. The material can be installed with either the foam or vinyl layer facing the sound source.

### Tools Required

utility knife, straight edge, tape measure, caulking gun, pencil or chalk line

### Cutting

1. Mark the Quiet Barrier to the appropriate size using the tape measure and chalk line or pencil.



2. After the Quiet Barrier is marked appropriately cut along the line making sure the utility knife cuts the vinyl layer completely.
3. After the vinyl layer has been cut, you will want to either compress the foam so the utility knife can cut the material with one pass or cut the foam layer with a pair of scissors.

#### ADDRESS

Soundproofcow  
440 Ramsey Avenue  
Chambersburg, PA 17201

#### PHONE

P: 1-866-949-9COW  
F: (717)261-1790

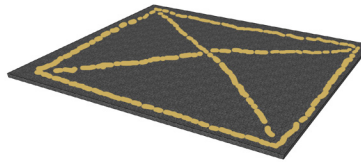
#### WEB

[www.soundproofcow.com](http://www.soundproofcow.com)

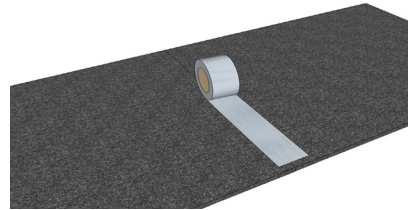
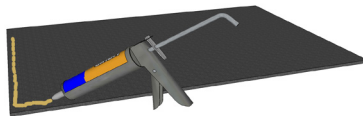


## Installation - Without PSA

1. Mark lines around the perimeter of the surface where each piece is supposed to fall based on your layout.
2. After the material has been laid out, glue each piece individually using PL Polyurethane Construction Adhesive.
  - With the adhesive, create a perimeter around the outside of the material staying 1 ½" away from the edge. After the perimeter bead has been appropriately applied, create an X pattern across the center of the material.



3. After panels are installed, seal the seams where the pieces meet using the Quiet Barrier seam tape. Seal the perimeter around the wall or enclosure, if applicable, using OSI 175 Acoustical Sound Sealant.



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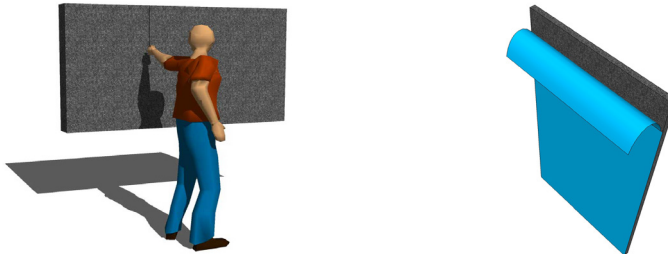
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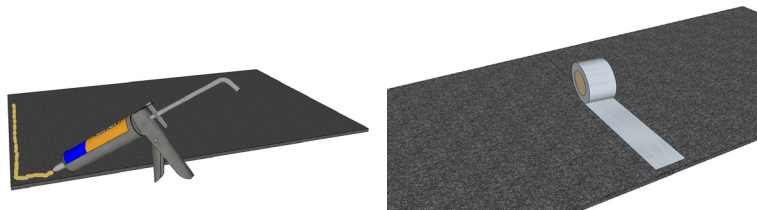
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## Installation - PSA

1. Mark guidelines around the perimeter of the surface where each piece is supposed to fall based on your layout.
2. Peel back the edge of the blue PSA backing to reveal 4-5" of the PSA back. Press firmly against the composite the entire way across the top of the material.



3. Work your way down the material peeling the backing and pressing firmly to ensure the PSA is sticking properly.
4. After the material is entirely installed, seal the seams where the pieces meet using the Quiet Barrier seam tape. Seal the perimeter around the wall using OSI 175 Acoustical Sound Sealant



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