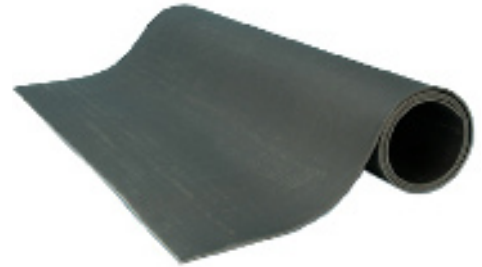


Quiet Barrier® HD Soundproofing Material

Features & Benefits:

- **Dual Soundproofing Function** - The mass of Quiet Barrier® HD blocks sound while its flexible nature dampens sound energy, giving improved acoustic performance over competitive rigid products.
- **Value** - Pound for pound, Quiet Barrier® products have better noise reduction characteristics than steel and other building materials.
- **Proven History** - Over 1.5 million square feet of Quiet Barrier® soundproofing products installed in projects nationwide.
- **Variety** - Quiet Barrier® HD is available with a “peel and stick” pressure sensitive adhesive (PSA). Custom shapes and sizes available upon request.



General Information:

The Quiet Barrier® family of soundproofing products controls noise by blocking the transmission of sound energy and damping vibrations caused by sound energy. Quiet Barrier® is a high density, non porous material that exhibits a non-resonant quality due to its flexible nature.

Quiet Barrier® is made with heavy metal powders, vinyl and plasticizers. This mixture of ingredients makes Quiet Barrier® very heavy, yet very flexible. For example, Quiet Barrier® MD is only 1/8 inch thick yet weighs 1 pound per square foot. Quiet Barrier® HD is ¼ inch thick and weighs 2 pounds per square foot. Pound for pound, Quiet Barrier® products have better noise reduction characteristics than steel and other building materials.

How Quiet Barrier® works:

In essence, Quiet Barrier® products block the transmission of noise from one area to the next. The “noise source” hits the barrier and is reflected back into the room or space of origin. Typically, the noise is not muffled or absorbed in any way, which means that decibel level within the source room remains the same or is increased. The difference between the source noise and the transmitted noise is the sound transmission loss.

Which Quiet Barrier® Soundproofing Product is right for me?:

Quiet Barrier® can be added to a variety of common wall / ceiling constructions to improve the sound blocking performance of the structure. Choose the right Quiet Barrier™ product based on the type of noise you are trying to prevent from entering or leaving the space. The Quiet Barrier® products perform well when trying to deter common noises with average decibel levels. These noises can be generated from voices, TV's and stereos. If noise levels are higher than usual, typically from loud stereo systems, home theater or recording studio environments, then other products used in conjunction with Quiet Barrier® may be necessary.

If you are trying to prevent common conversations or voices from entering or leaving a space, choose Quiet Barrier® MD. If you are trying to prevent TV and stereo noise from entering or leaving a space, choose Quiet Barrier® HD.

continued on back of page

ADDRESS

Soundproofcow
440 Ramsey Avenue
Chambersburg, PA 17201

PHONE

P: 1-866-9499-COW
F: (717) 261-1790

WEB

www.soundproofcow.com



Acoustic Data:

New Construction (wall):

| Product | Wall Assembly Description | STC* | OITC* |
|-------------------|--|------|-------|
| Quiet Barrier® HD | 2 x 4 wood stud, 16 O.C., Receive Side: 1 layer 5/8 type X gypsum, Quiet Barrier® HD, sound isolation clips and channel Source Side: 1 layer 5/8 type X gypsum Quiet Batt 30, R 13 Insulation Unfaced | 50 | 35 |

* STC = Sound Transmission Class

* OITC = Outdoor Indoor transmission Class

Applications:

- Professional and Home Theaters • Professional and Home Recording Studios • Offices • Homes, Condos and Apartments
• Band Practice Rooms • Broadcast Studios • Workshops • Equipment Enclosures
Any environment that needs soundproofing

Product Availability and Coverage:

Weight:

- 2 lbs per sqft

Thickness:

- 1/4 in. (+/- 1/16 in.)

Size Availability and Coverage:

- 48 in. x 96 in. sheet = 32 sqft
- 48 in. x 96 in. sheet with Pressure Sensitive Adhesive (PSA) = 32 sqft
- 54 in. x 20 ft. roll = 90 sqft
- Custom sizes available, please contact us for details.

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