



## INSTALLATION INSTRUCTIONS

### GETTING THE MOST FROM YOUR SOUND PROOFING DRYWALL PRODUCTS

#### BEFORE STARTING

1. Select the right panel and size for your soundproofing job.
2. Select the best soundproofing assembly method for your project. Sound Proofing Drywall works with both wood and metal framing. See our chart for assembly methods and STC ratings.
3. Assemble all support products. **IMPORTANT:** To maintain acoustical performance it is strongly recommended that you use the proper Seal and Putty to seal all joints, seams and openings.
4. Clean all surfaces to ensure they are free of dust and dirt.

#### IF IT'S A RETROFIT

- Remove any existing molding/trim, wainscoting, and wallpaper from walls.
- Ensure that the surface is smooth, clean and free of obstructions, such as nails or tacks.
- When using Sound Proofing Drywall with masonry or concrete construction attach wood or steel studs. Steel studs must be at least 2", 24" OC. This step is not required if Sound Proofing Drywall is used over existing gypsum wallboard and stud framing.

#### CUT

- 1/2" and 5/8" Sound Proofing Drywall is a score and snap product against a straight edge.
- Thicker Sound Proofing Drywall is best cut with a spiral or skill saw using a carbide tipped blade.
- Use a vacuum bag when cutting with a saw.

#### HANG

##### ENSURE AIR TIGHT SEALS

Wherever possible, apply a continuous 1/8" - 3/8" diameter bead of Seal around the perimeter of all Sound Proofing Drywall panels and around all panel cutouts including:

- under the bottom stud plate
- above the top stud plate
- between the end studs and the adjacent walls, if applicable
- around wall or ceiling perimeter (on the edges of the panel)
- around electrical boxes
- Tack up panels by applying a 1.8" bead of Seal along the back side seams and the base and top edges.
- When panel is in place, apply a bead around the edge of the drywall close to the stud.

#### THE RESULT

- Sound Proofing Drywall panels must fit together snugly.
- Adjacent panels will actually 'squeeze' the Seal between the two sheets.

#### SECURE PANELS

1. Secure Sound Proofing Drywall to the studs using #6 or #7 Bugle Head 1 5/8" to 2" drywall screws every 12" to 16" or as required by code.

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Use a coarse thread for wood studs and a fine thread for metal studs.  
Nails are not recommended.

2. Finish securing Sound Proofing Drywall to the studs with drywall screws. Do not drive the screw head through the paper surface. If paper is broken, drive another screw in same area leaving the original one in.

### **FINISH**

1. To keep sound and noise from drifting, box all openings with like Sound Proofing Drywall if space permits. Openings less than 2" and holes less than 1" square may be framed with regular drywall.

2. Use a Seal to close all joints and seams around doors, windows and lights. Use paint-thinner to clean up any excess Seal. As it does not dry, excess Seal can make drywall taping difficult.

It can also cause paint and drywall mud to blister.

3. Use a Putty to seal all HVAC ducts, plumbing openings, pipes, water hookups, cables, media outlets, pipes, junction boxes, electrical outlets, telephone jacks, light boxes.

See *American Society for Testing and Materials (ASTM) C919-02 Standard Practice for Use of Sealants in Acoustical Applications* for more installation instructions.

### **INSTALL SOUND PROOFING DRYWALL CEILING**

Follow the same instructions to install both walls and ceilings, but use no less than a 5/8" Sound Proofing Drywall to eliminate sag.

Consult local building codes for number of screws and placement. Manufacturer's general recommendation: space rows of screws 24" apart; space screws 12 inches apart.

### **ABOUT SOUND PROOFING DRYWALL**

- cost-effectively achieves STC ratings of up to 80
- hangs like regular drywall—easy to install
- uses new visco-elastic technology to turn kinetic energy into intermolecular heat energy
- environmentally friendly
- fire rated
- comes in many different types, offering the right choice for the right application

### **ABOUT SOUNDPROOFING FLOORING**

- ready to use in standard 4' x 8' panels
- only system to achieve STC's of 58 with standard construction
- easy to install
- comes in four different types offering the right choice for the right application

### **ABOUT THE SEAL**

- The Seal is a special sealant and not a caulking
- The Seal stays pliable and is specifically designed for use with Sound Proofing Drywall drywall panels and QW wood products

### **ABOUT THE PUTTY**

- The Putty is an odourless, asbestos-free putty
- The Putty stays pliable and is specifically designed for use with Sound Proofing Drywall products

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## **WORK SAFE**

Sound Proofing Drywall contains materials that are no more hazardous than standard drywall. Dispose of excess Sound Proofing Drywall in a responsible manner.

## **PERSONAL PROTECTION**

- Wear cut-resistant gloves (such as those containing polyamide cotton or Kevlar while handling or cutting Sound Proofing Drywall.
- Wear approved eye protection such as safety glasses or goggles is recommended for operations involving machining such as sawing.
- Use a dust mask when handling or cutting this or other gypsum product.
- Use a NIOSH/MSHA-approved respirator when necessary.

Warning - Avoid Breathing Silica Dust. Sound Proofing Drywall, like most gypsum wallboard products, contains silica. Inhalation of respirable silica can cause silicosis which is a potentially disabling lung disease, and which is known in the State of California to cause lung cancer. When drilling, cutting, or abrading products during installation or handling: (1) Work outdoors where feasible, otherwise use mechanical ventilation, (2) Wear a dust mask, or if dust may exceed PEL, use approved respirator (3) warn others in area. According to medical experts, and the Surgeon General for the United States, cigarette smoking can significantly increase your likelihood for contracting lung related diseases, including silica related lung diseases.

For further information, refer to our installation instructions and Material Safety Data Sheets on our site at [www.SoundProofDrywall.ca](http://www.SoundProofDrywall.ca)

**FAILURE TO ADHERE TO WARNINGS, MSDS, AND INSTALLATION INSTRUCTIONS  
MAY LEAD TO SERIOUS PERSONAL INJURY.**

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