



Installation Instructions

Product Name

Acoustiblok® Sound Isolation Material

Installation Type

Ceiling Installation

Installation Overview

This installation overview provides suggestions for handling and installing Acoustiblok® Sound Isolation Material. Acoustiblok is a heavy, high density product (1lb/ft²), so when preparing for the installation always schedule at least two installers for efficiency and safety.

With the exception of common hand tools, all tools and materials required for a professional Acoustiblok sound installation are available from Acoustiblok, Inc. Use the Acoustiblok RD350 Material Roll Dispenser or similar A-Frame type roller stand for safety and ease of handling.

When possible, Acoustiblok Sound Isolation Material should be installed on the noise side of the assembly. This will decrease the amount of acoustical energy that may be converted into mechanical noise.

It is essential that the treated room be sealed as airtight as possible using Acoustiblok Acoustical sound Sealant, Acoustigrip Tape and Acoustiputty sealant pads. The effectiveness of your Acoustiblok sound treatment will be jeopardized if these steps are not taken.

Installation Suggestions

Due to the weight of the Acoustiblok Sound Isolation Material, it is recommended that a 2 - 3 person crew be used for safety and installation efficiency.

Wood Joist Ceilings

1. You will need to support the material in place for fastening and due to the weight it is recommended that you fashion a roller support system to help with the handling of the material. Empty Acoustiblok roll cores, PVC pipe, or conduit will work for this purpose. Using a suitable strength rope or wire, run it through the core and tie a loop at each end to hang from a nail in the joist. Position and fasten the loop to allow for a quick and easy release after fastening the Acoustiblok to the joist. Pull the Acoustiblok from one end of the room to the other across the top of the support system.



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2. Allow enough slack in the Acoustiblok so it hangs below the joist at a distance that will allow you to comfortably lift and hold the material to the joist to fasten it. Space fasteners every 8"-10". Seal all seams with Acoustigrip tape.
3. You may also use a T-bar, drywall jack or other suitable method for your material support.
4. If using resilient channel, attach the channels to the stud or joist 24" o.c. on top of the Acoustiblok. Use screws long enough to penetrate the drywall and channel only. Do not penetrate the Acoustiblok Sound Isolation Material.
5. Install your ceiling as designed. A hanging track & channel framing ceiling system is recommended as it provides the greatest mechanical isolation from the floor assembly. You may also install hat channel perpendicular to the joists over the Acoustiblok for additional ceiling isolation.
6. Maintain a 1/8"-3/8" gap around the perimeter to isolate the ceiling from the adjacent walls. Fill this gap with Acoustiblok Acoustical Sound Sealant.

Concrete Ceilings

Acoustiblok must have a framing member for attachment, requiring at minimum a furring channel for attachment. Finish installation and details as outlined above in wood joist installations.

Ceiling Install Notes

1. If your project uses recessed can lighting it is important that you specify sealed back can lights for the project. Sealed back fixtures provide a significantly better sound reduction than standard fixtures. Do not use Acoustiblok to surround or enclose any light fixtures due to possible extreme temperatures and air flow requirements.
2. Any penetrations for ductwork, lighting, etc... must be sealed around the edges with Acoustiblok Acoustical Sound Sealant, Acoustigrip tape, and Acoustiputty sealant pads.
3. Using higher density insulation may further enhance the sound reduction properties of an Acoustiblok treated ceiling assembly. We recommend using a mineral wool product such as ThermaFiber or IIG (Industrial Insulation Group) to increase the sound reduction of the assembly.



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