



SOUNDPROOFING

# ACOUSTIVIBE

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### SOUND INSULATING SYSTEM FOR CEILINGS



ACOUSTIVIBE sound insulators and metal furrings soundproof drywall ceilings in a unique and innovative way. Rather than attach the metal furrings directly to the wood beams or joists, they're suspended by ACOUSTIVIBE insulators which have a rubber insert. The insert absorbs shocks and vibrations which will reduce the noise level to the floor above.

#### BENEFITS

- Fast and easy to install
- No special tools
- Improved acoustic performance, exceeding all requirements
- Works with single or double layer drywall systems
- Compatible with all types of deck
- Facilitates installation of drywall



SOPREMA.US • 1.800.356.3521

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## SURFACE PREPARATION

Girders or structures on which the ACOUSTIVIBE system is installed must be level. The height adjustment of ACOUSTIVIBE, as indicated in the installation method, should be according to the already established level of beams or structure.

## INSTALLATION INSTRUCTIONS

ACOUSTIVIBE sound insulators require parallel installation, on the sides of wood beams or joists (glass wool or cellulose). ACOUSTIVIBE sound insulators include a thin piece of rubber on one side and a thick piece on the other. The thin part goes between the beam or joist and the ACOUSTIVIBE insulator. ACOUSTIVIBE insulators are installed with screws (provided). It's also acceptable to use 1½ inch nails (roofing nails) applied with a pneumatic nail gun.

In order to ensure that the ceilings are straight, the top edges of ACOUSTIVIBE sound insulators should be aligned with the top of the lower frame beam (two-by-three or two-by-four). In the case of joists, trace a line 1 1/2 in from the bottom and align it with the upper edge of the ACOUSTIVIBE sound insulator. The joints between the ACOUSTIVIBE metal furrings are done by superimposing two lengths and supporting the metal furring below with another ACOUSTIVIBE insulator, placed just beside the joint. Screw the two metal furring together with metal screws on the edges.

For installation of a single layer drywall assembly, use one ACOUSTIVIBE sound insulator every 3 feet on each beam. For a double layer assembly, use one ACOUSTIVIBE insulator every 2 feet.

Installation of ACOUSTIVIBE sound insulators on joists:

- Beams spaced 14 to 24 inches apart: install insulators on each joists.
- Joists spaced 12 inches or less apart: install insulators on every two joists, being sure none are spaced more than 24 inches apart.

Always use ACOUSTIVIBE metal furrings. They are specifically designed for ACOUSTIVIBE ceiling systems. Regular metal furrings are not mechanically appropriate. If the installation of insulators on the first beam from the wall is more than 8 inches (20 cm) from the wall, it's necessary to add a lightweight metal angle on the wall in order to support the first sheet of drywall. You can also attach a wood stud to the wall and install an ACOUSTIVIBE insulator. At less than 8 inches (20 cm) from the wall, drywall from the wall will support the ceiling.



If you have any questions about this product or its installation, please contact your SOPREMA representative.

