

DECOUPLER CLIPS

RSIC-1 Low Decoupler Clips

For applications that demand a higher sound transmission reduction, SoundSense carries isolation decoupler clips allowing walls or ceilings to “float” in rooms where higher noise levels are a concern. Decoupler clips provide a resilient attachment method for ceiling finishes to structural framing.

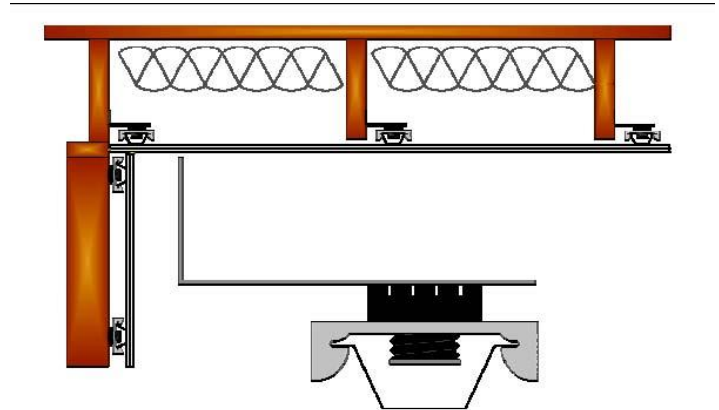
Applications:

- Home Theaters
- Mechanical rooms
- Libraries/Study
- Gyms
- Golf Rooms
- Master Suites

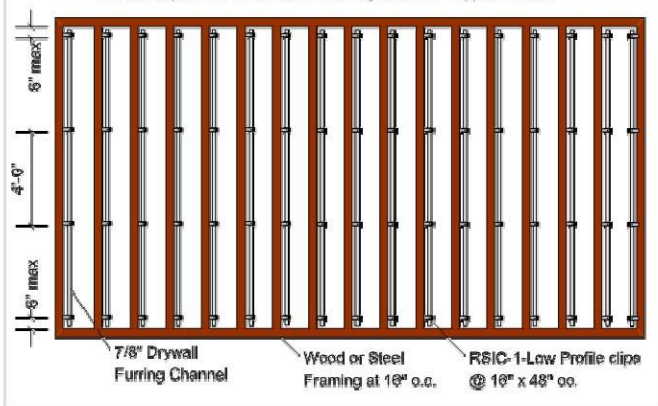
Installation:

RSIC-1-Low Decoupler clips are attached directly to side of joists with approved screws (#8 X 2-1/2” course thread for wood, #8 1-5/8” fine threads for steel) in the pattern indicated below determined by the weight of the ceiling or wall material it is supporting.

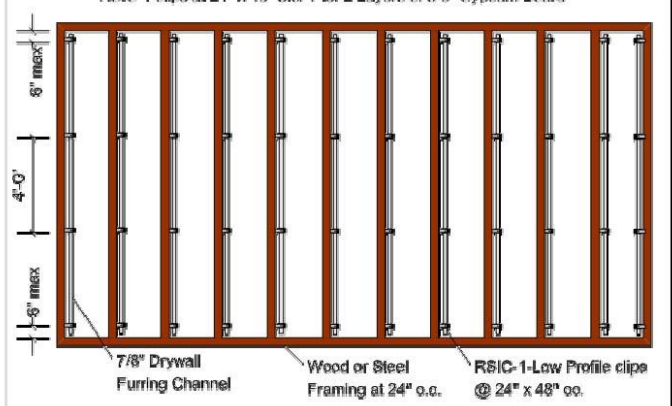
Drywall furring channels are then fed through the clips horizontally. Sheetrock is installed directly to the hat channel. For higher sound reduction, attach SoundSense LV-1 or SoundSense NO-2 to the furring channels. Then add two layers of sheetrock to the SoundSense LV-1 or NO-2.



RSIC-1-Low Profile Ceiling System Framing at 16" o.c.
RSIC-1 clips at 16" x 48" o.c. 1 to 3 Layers of 5/8" Gypsum Board



RSIC-1-Low Profile Ceiling System Framing at 24" o.c.
RSIC-1 clips at 24" x 48" o.c. 1 to 2 Layers of 5/8" Gypsum Board



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Physical Properties:

Thickness:	1-5/8" (including 7/8" hat channel); 1/4" to assembly thickness when recessed parallel with joists
Material Composition:	Natural blend neoprene grommet pad, threaded shaft attached to a center bushing of electroplated zinc mild steel with a galvanized steel retainer clip
Hardness:	Shore A of 50 (neoprene grommet)
Tensile Strength:	10-11.2 MPa (neoprene grommet)
Heat Resistance:	70° C for 70 hours