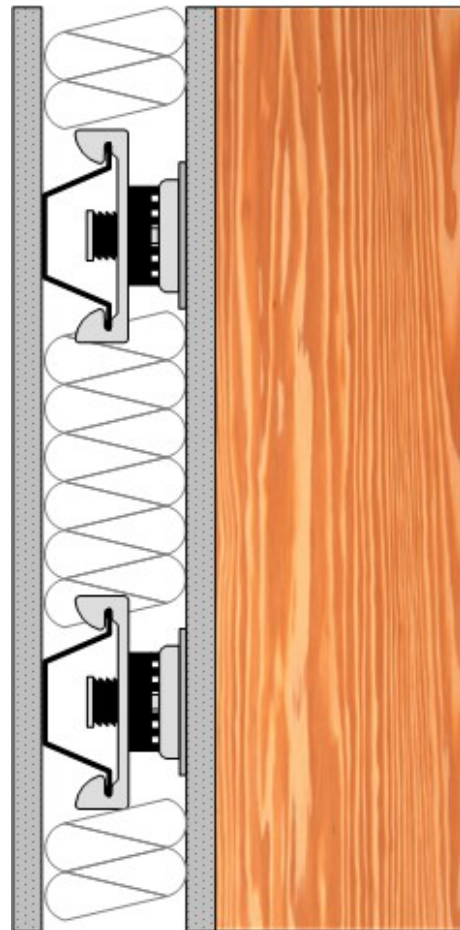
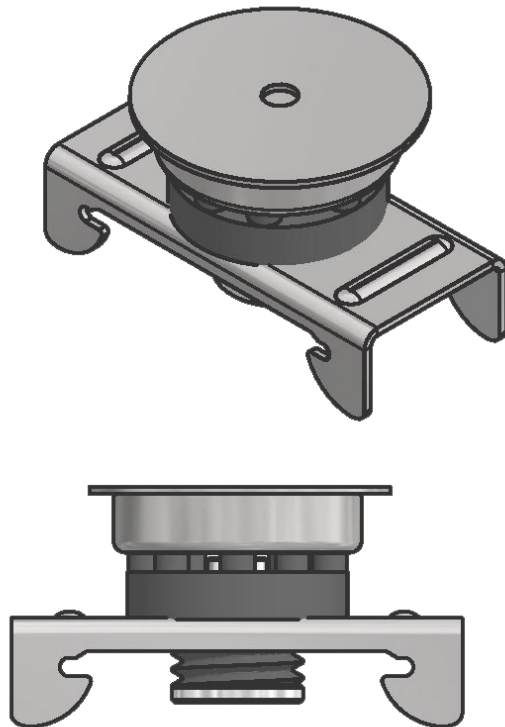


RSIC-2 RETRO INSTALLATION GUIDE

RSIC-2 RETRO SOUND ISOLATION CLIP

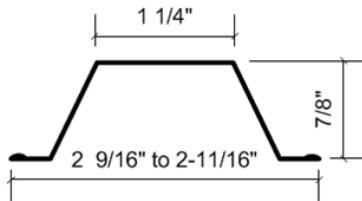
RSIC-2 Retro (RSIC-1 clip With 38/” RSIC spacer, and 2” RSIC flat washer)



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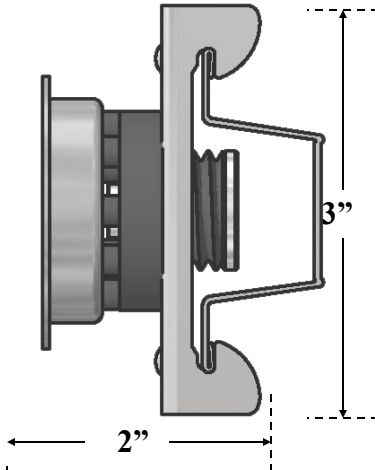
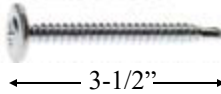
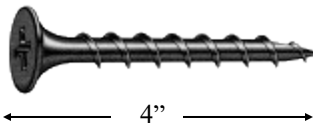
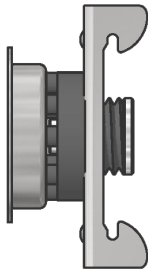
RSIC-2 RETRO SOUND ISOLATION CLIP



Drywall Furring Channel:

- **Minimum Requirements:** 25 gauge, hemmed edge detail required on all 25 gauge furring channel. Meets or exceeds SSMA requirements.
- **Depth:** 7/8 inch
- **Width Bottom:** 2-9/16" to 2-11/16" inch wide nominal.
- **Width Top:** 1-1/4 inch wide

Splice drywall furring channel (hat track) with 6 inch overlap in mid span (between two clips) secure with 18 ga tie wire, or two 7/16" framing screws.



Resilient Sound Isolation Clip (RSIC-2 RETRO)

- **Maximum Spacing:** 48 inches on center
- **Maximum Acoustical Design Load:** 36 lbs

Fasteners:

- **RSIC-2 RETRO to Wood through existing gypsum board:** #10 x 4 inch minimum size coarse thread screw.
- **RSIC-2 RETRO to Steel through existing gypsum board:** # 10 x 3-1/2 inch minimum size fine thread screw.
- DO NOT fasten Resilient Sound Isolation Clips to framing members with nails. Use only approved screws.

RSIC-2 Retro Dimensions:

- RSIC-2 Retro clip 3" tall
- RSIC-2 Retro clip 1-1/4" wide
- RSIC-2 Retro and drywall furring channel 2" deep

Average Labor Rates:

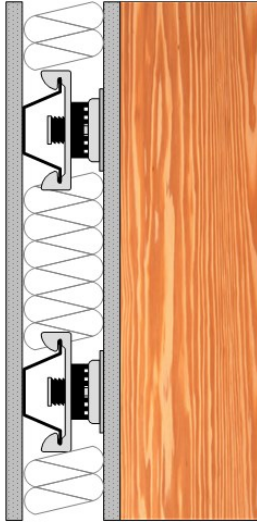
- **RSIC Clips:** 72 clips per man hour
- **Drywall Furring Channel:** 550LF per man hour

Labor rates provided to PAC International, Inc by an independent contracting firm.

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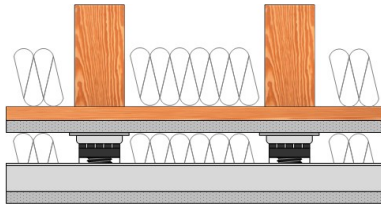
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RSIC-2 RETRO SOUND ISOLATION CLIP



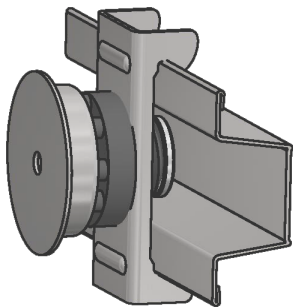
WALLS: One and Two Layers of 5/8" Gypsum Board

- Resilient Sound Isolation Clips (RSIC) shall be 48 inches maximum on center . (horizontal)
- Fasten the Resilient Sound Isolation Clip (RSIC) to the substrate with a fastener approved for a minimum pull-out and shear of 200 lbs.
- Ensure the internal metal ferrell is tight to the substrate. • Locate the first row of RSIC clips within 3 inches from the floor and within 6 inches from the ceiling.
- Snap in the drywall furring channel (hat track) into the RSIC clips (horizontal for walls). (see page 2 for splice details)
- Place 1/4" (minimum) shim on floor to fully support the gypsum board.
- Install the gypsum board from the bottom up leaving a 1/4" min. gap around perimeter.
- ONLY remove the shims after ALL the gypsum board is completely screwed to ALL the drywall furring channels. Make sure every screw (floor to ceiling and wall to wall) is installed as required by the assembly design, in every layer of gypsum board before removing the shims at the floor. The shims are critical to ensure best results.
- Caulk around the entire perimeter of the gypsum board. Use fire and smoke rated acoustical sealant where required.



Ceilings: One and Two Layers of 5/8" Gypsum Board

- Resilient Sound Isolation Clips (RSIC) shall be 48 inches maximum on center .
- Fasten the Resilient Sound Isolation Clip (RSIC) to the substrate with a fastener approved for a minimum pull-out and shear of 200 lbs.
- Ensure the internal metal ferrell is tight to the substrate.
- Locate the first row of RSIC clips within 8 inches of the wall at each end of a run.
- Snap in the drywall furring channel (hat track) into the RSIC clips.
- Install the gypsum board leaving a 1/4" min. gap around the gypsum board.
- Caulk around the entire perimeter of the gypsum board. Use fire and smoke rated acoustical sealant where required.



General Information:

- Resilient Sound Isolation Clip (RSIC), furring channel (hat track) and gypsum board shall not carry heavy loads such as cabinets or bookshelves
- Splice furring channel (hat track) with 6 inch overlap in mid span, secure with 18 ga. tie wire or with two framing screws (7/16")
- Seal all potential air leaks with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required.
- When attaching the RSIC clips to a steel stud the minimum allowable thickness is 20 ga. (0.030).
- For a clip count calculator go to <https://pacinternationalllc.com/calculator/>

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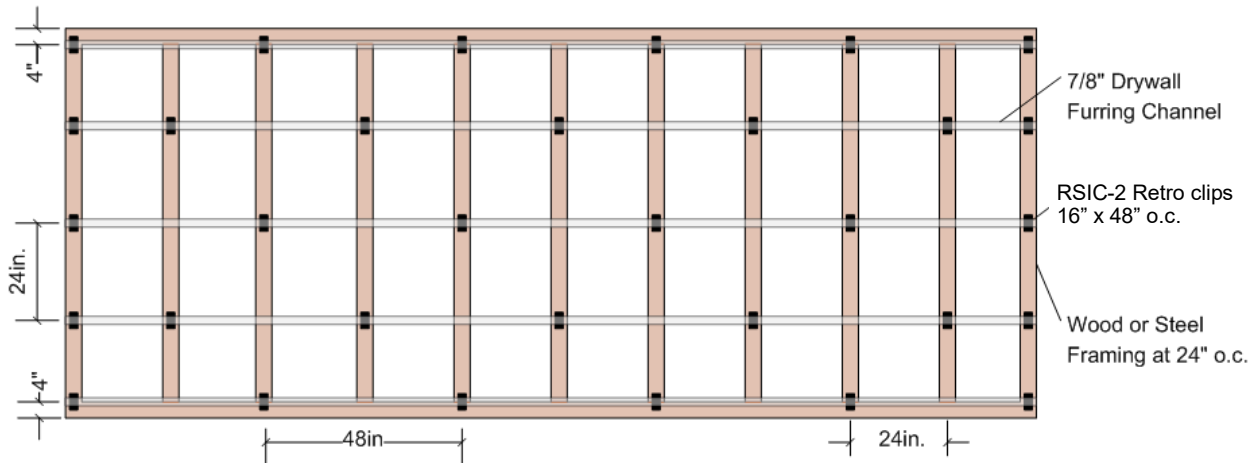
RSIC-2 RETRO SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR WALLS AND CEILINGS, WOOD OR STEEL FRAMING

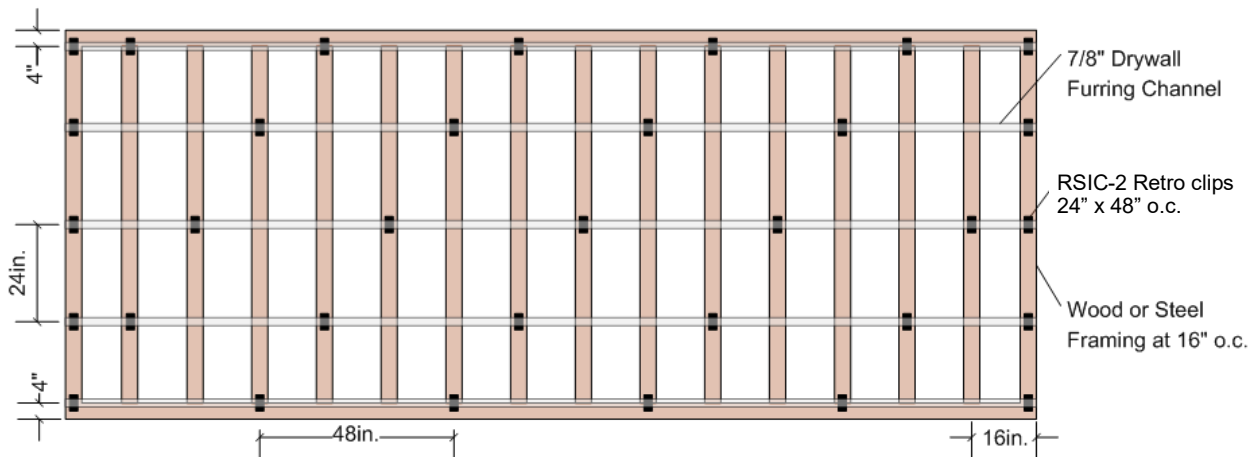
INSTALLING RESILIENT SOUND ISOLATION CLIPS

RSIC CLIPS AT 24" OC.

RSIC Clips Wall System Framing at 24" o.c.
RSIC clips at 24" x 48" o.c. 1 Layer of 5/8" Gypsum Board



RSIC Clip Wall System Framing at 16" o.c.
RSIC clips at 24" x 48" o.c. 1 Layer of 5/8" Gypsum Board



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RSIC-2 RETRO SOUND ISOLATION CLIP

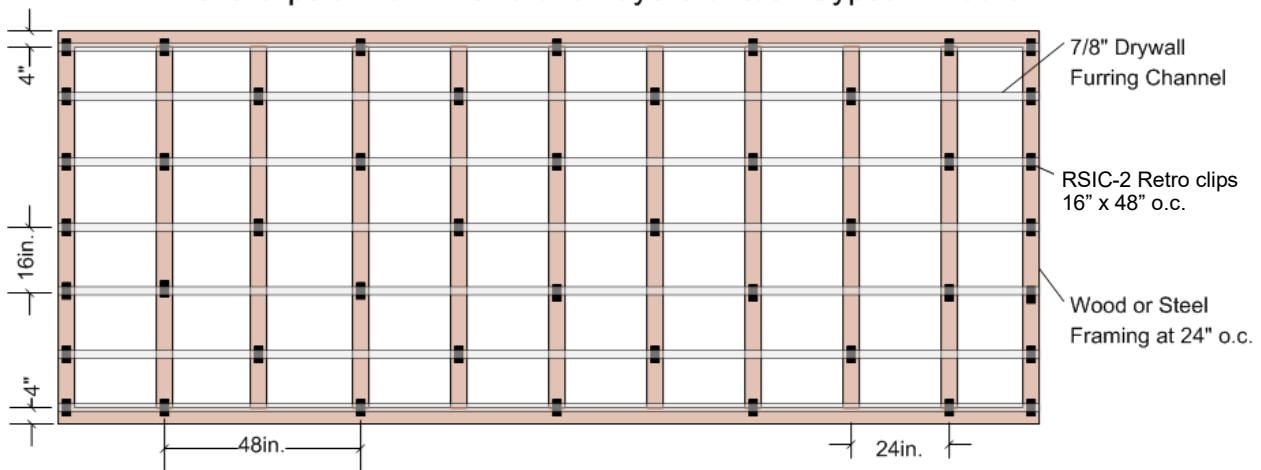
APPLICATION RECOMMENDATIONS FOR WALLS AND CEILINGS, WOOD OR STEEL FRAMING

INSTALLING RESILIENT SOUND ISOLATION CLIPS

RSIC CLIPS AT 16" OC.

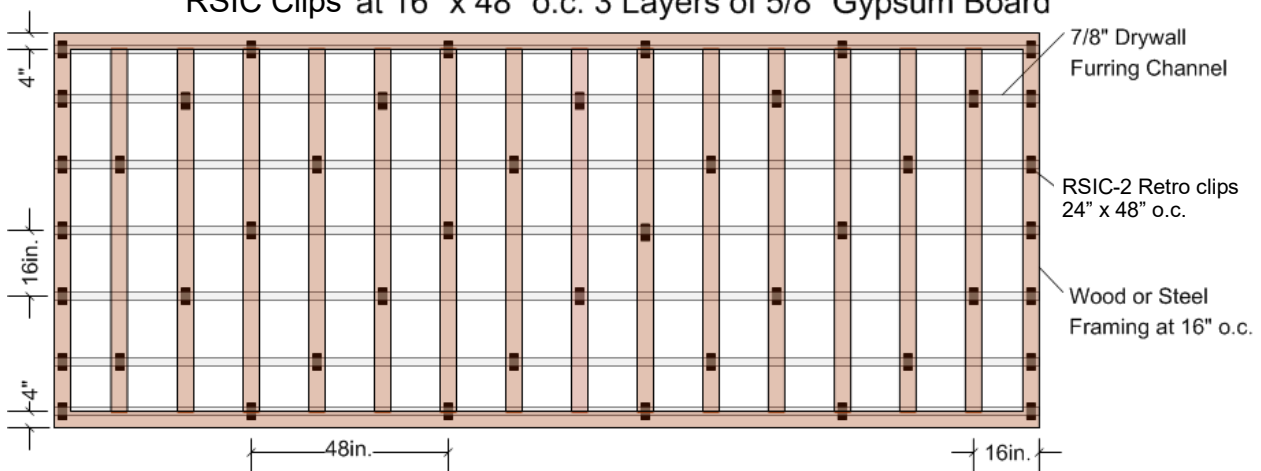
RSIC Clip Wall or Ceiling System Framing at 24" o.c.

RSIC clips at 16" x 48" o.c. 3 Layers of 5/8" Gypsum Board



RSIC Clip Wall or Ceiling System Framing at 16" o.c.

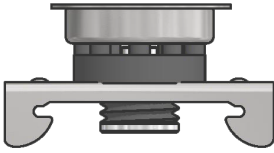
RSIC Clips at 16" x 48" o.c. 3 Layers of 5/8" Gypsum Board



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RSIC-2 RETRO SOUND ISOLATION CLIP



The RSIC Clip is the first and only product classified by UL for both fire and sound.



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