



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

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Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problem

Acoustical Surfaces, Inc.
A Master Distributor for
PAC INTERNATIONAL, INC.



RSIC-1-Low Profile INSTALLATION GUIDE

RSIC-1-Low Profile Sound Isolation Clip

RSIC-1-Low Profile



For use in conjunction with the RSIC-1 clip



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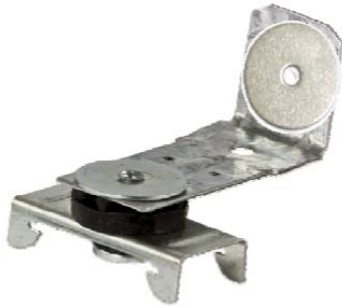
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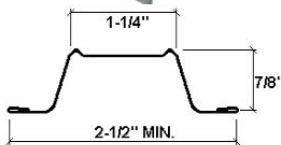
RSIC-1-Low Profile Sound Isolation Clip



1-1/2"



1"



Resilient Sound Isolation Clip (RSIC-1-LOW PROFILE)

- Spacing: maximum 48 inches on center
- Maximum acoustical design load: 36 lbs
- RSIC-LOW PROFILE is designed for use with the RSIC-1 clip has a profile that is too large, and a low profile design is desired.
- For example: A basement ceiling with an existing low ceiling would lose 1-5/8" with the standard RSIC-1 clip. The RSIC-Low Profile ceiling design has a profile as low as 1/2 inch

RSIC-1-LOW PROFILE dimensions:

- RSIC-1-LOW PROFILE clip 3" wide
- RSIC-1-LOW PROFILE clip 5-1/2" long
- RSIC-1-LOW PROFILE clip 1-1/2" deep

Fasteners:

- RSIC-1-LOW PROFILE to wood: #8 x 1-1/2 inch minimum size coarse thread screw. (Recommended #10 or #12 x 1-1/2 inch hex head)
- RSIC-1-LOW PROFILE to Steel: # 8 x 1 inch minimum size fine thread screw. (Recommended #10 or #12 x 1/2 inch hex head)
- RSIC-1 Washer used between the fastener and the metal bracket
- DO NOT fasten Resilient Sound Isolation Clips to framing members with nails. Use only approved screws.

Furring Channel:

- Minimum requirements: 25 gauge, hemmed edge detail required on all 25 gauge furring channel. Meets or exceeds SSMA min. requirements.
- Depth: 7/8 inch
- Width Bottom: 2-1/2 inch wide minimum.
- Width Top: 1-1/4 inch wide
- Splice drywall furring channel (hat track) with 6 inch overlap in mid span (between two clip) secure with 18 Ga tie wire, or two 7/16" framing screws.

Average Labor Rates:

RSIC-1-LOW PROFILE: 60 clips per man hour

Drywall Furring Channel: 550LF per man hour

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



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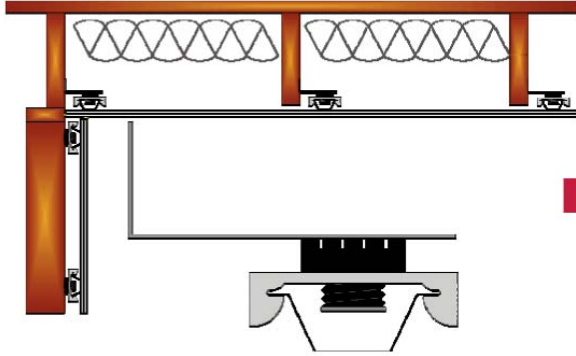
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RSIC-1-LOW PROFILE

RSIC-1 LOW PROFILE Clip with an up facing L bracket attaches to the side of the joist allowing the RSIC clip to be recessed into the joist cavity. The Furring channel is run parallel to the joist with only 1/2" of the channel extending below the button of the joist.

Ceilings: One and Two layer 5/8" gypsum

- Resilient Sound Isolation Clip (RSIC-1-LOW PROFILE) shall be 48 inches (1219mm) on center maximum. (Perpendicular to Joist/Truss)
- Fasten the Resilient Sound Isolation Clip (RSIC-1-LOW PROFILE) to the side of the joist using a RSIC washer to between the fastener head and the metal bracket ensuring all of the RSIC-1-LOW PROFILE clips are in the same horizontal plane
- Ensure the metal "L" bracket is tight to the framing member.
- Snap in the drywall furring channel (hat track) into the RSIC-1-LOW PROFILE clip parallel to the framing members.
- Height can be adjusted by the position of the fastener in the joist only.

General Information:

Resilient Sound Isolation Clip (RSIC-1-LOW PROFILE), 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.



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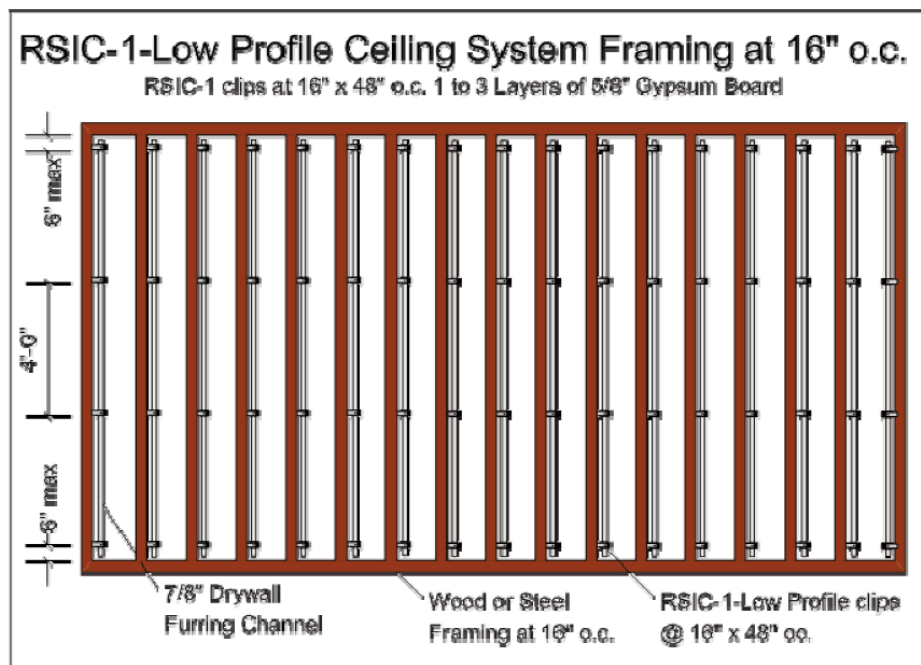
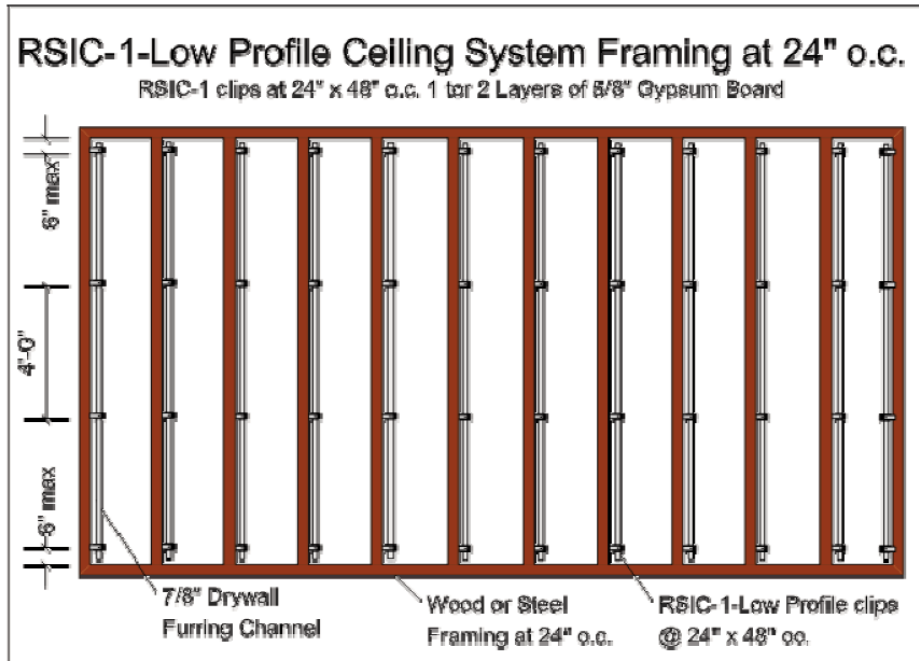
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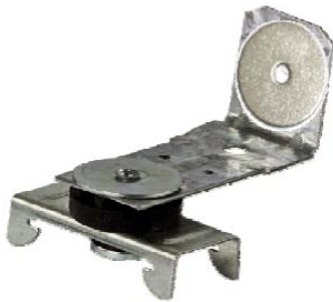
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