



**World Leader
in Noise
Control
Solutions**



1. Product Name

- RSIC-1 ADM Multi Clip Resilient Sound Clip

2. Manufacturer

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3. Product Description

RSIC-1 ADM MULTI CLIP

The RSIC-1 ADM Multi Clip is designed for use with any concrete ceiling system where noise control is needed. The RSIC-1 ADM Multi Clip assembly decouples and isolates the gypsum board or sheet goods from the structure increasing the acoustical performance of the system.

The RSIC-1 ADM Multi Clip stops the noise and vibrations that typically would be allowed to transfer through the structure.

Materials and Composition

The 18 gauge RSIC-1 ADM Multi Clip is composed of galvanized or aluminum-zinc coated steel.

The RSIC rubber isolators are made of a proprietary rubber and/or manufactured rubber compounds.

The RSIC-1 ADM Multi Clip assembly is made in Canby, OR.



Sizes and Weight-bearing Information:

The RSIC-1 ADM Multi Clip has an acoustical design load rating of 36 pounds per isolator.

The RSIC-1 ADM Multi Clip can support up to two layers of 5/8 inch gypsum board when spaced at 24 x 48 inches on center.

For heavier systems increase the number of isolators and channel to support the additional weight of the system. The RSIC-1 ADM Multi Clip fastens to the RSIC-Multi Clip with a 1/4"x20 threaded rod Allowing for a cavity between 6" and 48" between the bottom of the concrete and the back of the gypsum board.

Product Limitations:

For interior use only with operating temperatures of 40–100 degrees F (4.4–37.8 degrees C).

4. Technical Data

Divisions: 09-2000

09-8000

09-8500

10-2000

Applicable Standards

ASTM International (ASTM)

ASTM E90 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements

ASTM E413 Classification for Rating Sound Insulation

5. Installation

General installation: follow manufacturer's specific installation instructions.

- Install resilient sound isolation clips and supporting added items in accordance with manufacturer's instructions

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GYPSUM BOARD ASSEMBLIES 09-21-16

PAC INTERNATIONAL, LLC.

- Mechanically fasten RSIC-Multi Clip to structure with powder, gas, or mechanical actuated pins. Follow local guidelines for attachment guide.
- Space resilient sound isolation clips at maximum of 48 x 48 inches (1200 x 1200 mm) on center for ceilings
- Do not exceed design load (pull and shear) of 36 pounds per isolation clip
- Install Drywall furring channel directly into the RSIC-1 ADM Multi Clip
- Attach Gypsum board support system to RSIC-1 ADM Multi Clip

Flanking Noise:

- Review installation details to prevent structure-borne flanking noise
- Do not allow gypsum board to contact foreign materials such as other ceilings or wall framing members.
- Install gypsum board in perpendicular to the supported framing member with a 1/4 inch (6 mm) gap around perimeter of the ceiling for acoustical sealant application.
- Install gypsum board in accordance with ASTM C840 as specified in Section 09250

Acoustical Sealant:

- Seal potential air leaks with acoustical sealant to achieve best Field Sound Transmission Class (FSTC)
- Seal electrical outlets and penetrations with acoustical sealant
- Apply fire-rated acoustical sealant at locations where fire- rated assembly is required
- Putty Pad Sealant: acoustically seal with putty pads, electrical boxes in ceilings in which resilient sound isolation clips are used

6. Availability and Cost

Please contact PAC International, LLC. for availability and pricing information.

7. Warranty

RSIC-1 ADM Multi Clip have no acoustical performance warranty.

8. Maintenance

No maintenance is necessary.

9. Technical Services

PAC International LLC. offers online product pages, installation guides, and specification sheets. Technical information can be found on the website, www.pac-intl.com or by calling 866-774-2100. Fire ratings, sound test assemblies, CAD drawings, assembly drawings and clip specifications are also on the website.

10. Filing Systems

Additional product information is available from the manufacturer upon request