RSIC-1 LOW PROFILE

1. Product Name

- RSIC-1 LOW PROFILE Resilient Sound Clip..
  - RSIC-1 LOW PROFILE Resilient Sound Isolation height adjustable Clip

2. Manufacturer

PAC International, LLC
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3. Product Description

RSIC-1 LOW PROFILE

The RSIC-1 Low Profile is designed for use with the RSIC-1 when there is no framing member near the wall to attach a RSIC-1 toThe RSIC-1 LOW PROFILE assembly decouples and isolates the gypsum board or other sheet goods from the structure increasing the acoustical performance of the system.

The RSIC-1 Low Profile stops the noise and vibrations that typically would be allowed to transfer through the structure.

Materials and Composition

The RSIC-1 Low Profile rubber isolator are made of natural rubber and/or manufactured rubber compound, and steel parts.

Environmental Considerations

The RSIC-1 Low Profile may contribute to LEEDS points, by reducing materials needed to achieve high STC and IIC floor ceiling systems.
The rubber and Steel portions can be recycled.

Weight-bearing Information

With an acoustical design load rating of up to 18 pounds. The RSIC-1 Low Profile clip fastens directly to the wall framing or top plate of the wall.

Product Limitations

For interior use only with operating temperatures of 40–100 degrees F (4.4–37.8 degrees C). Max load 26 Lbs,13Lbs ,7 Lbs.

4. Technical Data

Divison: **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 E492** Standard Test Method for Laboratory Measurement of Impace 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 as required by UL fire resistive design.

- Install RSIC-1 Low Profile Resilient Sound Isolation Spring Clip following the manufacturer recommendations.
- Install the RSIC-1 Low Profile a the end of a Furring channel run where there is no ceiling joist to support a RSIC-1 clip.
- Fasten the RSIC-1 Low Profile to the structure
  - For Wood framed ceilings use 1 ea 8 x 1-1/2” long coarse thread screw min.
  - For Steel framed ceilings use a min length #8 x 1/2” long self-drilling fine thread screw
- Install 7/8” 25 Ga drywall furring channel (Hat Channel) into RSIC-1 Low Profile at a maximum of 24 × 48 inches on center. 7/8” 25 GA drywall furring channel snaps into the RSIC-1 Low Profile bottom.

- Max design load of each RSIC-1 Low Profile is18 Lb.

- Max spacing 24” oc.

- Splicing Drywall Furring Channels:
  - Splice drywall furring channels with minimum of six inch overlap.
  - Secure laps with two framing screws or 18 gauge tie wire double wrapped
  - Locate splices between resilient sound isolation clips
  - Do not locate splices on resilient sound isolation clips

- Flanking Noise:
  - Review installation details to prevent structure-borne flanking noise
  - Do not allow drywall furring channels or gypsum board to contact wall framing members

- Gypsum Board:
  - Install gypsum board in perpendicular to the Drywall Furring Channel. Leave a 1⁄4 inch (6 mm) gap around perimeter 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 walls and 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 Low Profile clips are guaranteed free of manufacturer defects. Only remedy is the replacement of the defective component or components. Manufacturer is not liable for delays or extra costs.

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