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Solutions**



**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  
7260 W Azure Dr  
Suite 140-213  
Las Vegas, NV 89130  
Phone: (866) 774-2100  
Fax: (866) 649-2710  
Email: [info@pac-intl.com](mailto:info@pac-intl.com)  
Web: [www.pac-intl.com](http://www.pac-intl.com)

**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 to. The 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.

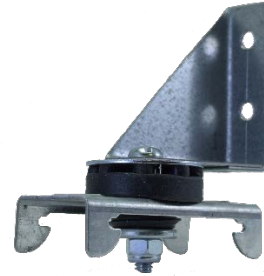
**Environmental Considerations**

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.

**RSIC-1 LOW PROFILE**



**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 at 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 x 48 inches on center. 7/8" 25 GA drywall furring channel snaps into the RSIC-1 Low Profile bottom.



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- Max design load of each RSIC-1 Low Profile is 18 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](http://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