



# THE ORIGINAL SOUND ISOLATION CLIP



The RSIC-1 is the original sound isolation clip and is included in more UL fire-resistive design assemblies than any other clip. It can be used on walls and ceilings. With over 20 years of testing, PAC has an extensive database of tests, including standard and many unique assemblies. It's long been established that the RSIC-1 provides high levels of sound isolation on single-stud walls, and it's the preferred choice of acoustical consultants. However, it's not just single-stud walls. Even on double-stud walls, the RSIC-1 can be essential to achieving the desired sound isolation.

## APPLICATIONS

- Condo Buildings
- Retail Spaces
- Recording Studios
- Home Theaters
- Commercial Spaces
- Apartment Buildings
- Conference Rooms
- Commercial Theaters

## TYPES OF SYSTEMS



WOOD



STEEL



CMU

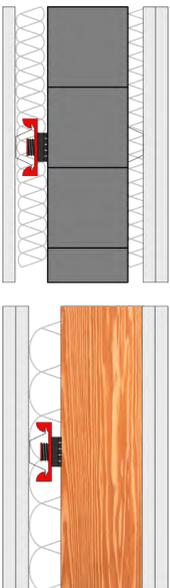


CONCRETE

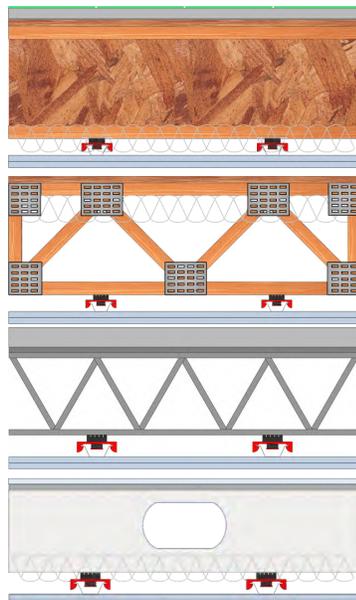
## SPECIFICATIONS

Acoustical Design Load	36 Lbs
Total Deflection	3 mm
Cavity Depth	1 5/8"
Low VOC Tested	Yes
Use in Ceilings	Yes
Use in Walls	Yes
Use in New Construction	Yes
Use in Retrofit	Yes

### WALLS



### CEILINGS



## 1. Product Name

- RSIC-1 Resilient Sound Clip System
  - RSIC-1® Resilient Sound Isolation Clips
  - RSIC-1 Backer®

## 2. Manufacturer

PAC International, LLC  
Las Vegas, NV  
Canby, OR  
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 Retro

The RSIC-1 is designed for use with any wood-framed, steel-framed, CMU, or concrete wall and ceiling system where noise control is needed. The RSIC-1 assembly decouples and isolates the gypsum board or sheet goods from the structure increasing the acoustical performance of the system.

The RSIC-1 stops the noise and vibrations that typically would be allowed to transfer through the structure. The RSIC-1 systems have several UL fire resistive design assemblies ranging from one hour to four hours.

The UL assemblies can be viewed on the PAC International, LLC site ([www.pac-intl.com](http://www.pac-intl.com)) and on **UL.com**. (File #: R16638)

### Materials and Composition

The 18 gauge RSIC-1 clips are composed of galvanized or aluminum-zinc coated, or Painted RED steel and is manufactured in Canby, OR.

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



**RSIC-1**

### Sizes and Weight-bearing Information:

The RSIC-1 has an acoustical design load rating of 36 pounds per isolator. The RSIC-1 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 clip fastens directly to the framing or structure creating a 1-5/8 inch cavity between the face of the framing and the back of the gypsum board.

### Product Limitations:

For interior use only with operating temperatures of 40–120 degrees F (4.4–48.9 degrees C).

## 4. Technical Data

### 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

Underwriters Laboratories (UL)  
**UL Fire Resistance Directory R16638**  
www.ul.com.

The RSIC-1 may contribute to LEEDS points,  
see Leed information on pac-intl.com

## 5. Installation

General installation: follow manufacturer's  
specific installation instructions.

- Install resilient sound isolation clips and drywall furring channels in accordance with manufacturer's instructions
- Mechanically fasten resilient sound isolation clips to structure with screws, bolts or expansion anchors, dependent upon structure
- Fire-Resistive Design Assemblies: Install as specified in *UL Fire Resistance Directory*, where required
- Do not arbitrarily add resilient sound isolation clips to fire-rated assemblies
- Space resilient sound isolation clips at maximum of 24 x 48 inches (600 x 1200 mm) on center for walls and ceilings
- Do not exceed design load (pull and shear) of 36 pounds per isolation clip
- Stagger isolation clip installation, so dead load is supported by all support members
- Splicing Drywall Furring Channels: Splice drywall furring channels with minimum of six inch (150 mm) laps
- 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
- Install resilient sound isolation clips on one side of wall assembly, unless otherwise indicated on the drawings

### Flanking Noise:

- Review installation details to prevent structure-borne flanking noise
- Do not allow drywall furring channels or gypsum board to contact foreign materials, including floors, ceilings or wall framing members
- Ensure metal ferrule of resilient sound isolation clips is in firm contact with structural member
- Gypsum Board:
  - Install gypsum board in vertical or horizontal position with 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 clips have no warranty.

## **8. Maintenance**

No maintenance is necessary.

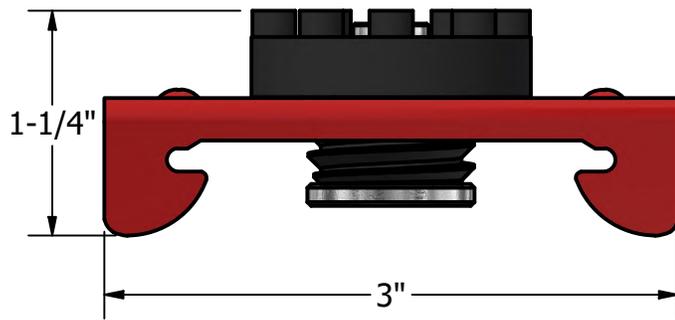
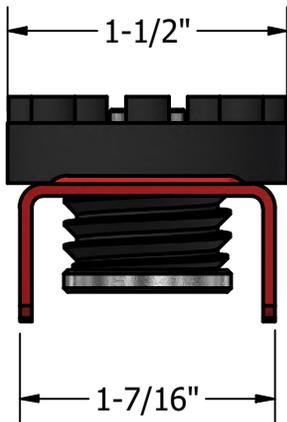
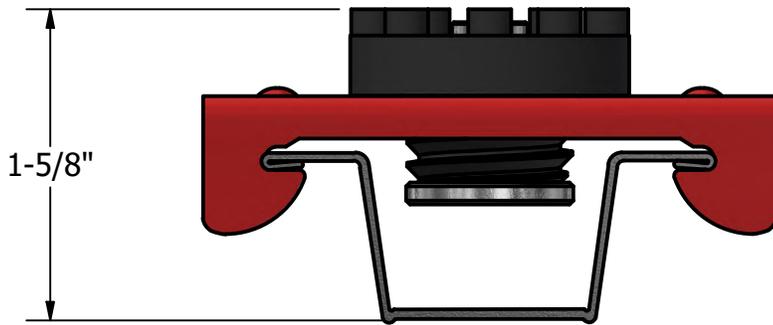
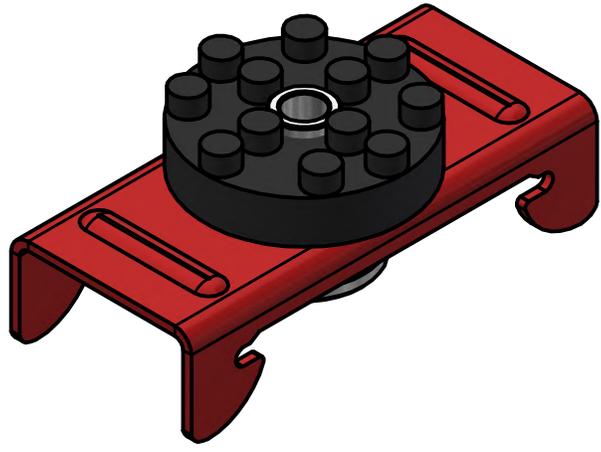
## **9. Technical Services**

PAC International Inc. 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, ext. 101 or 801. 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

RSIC-1 Sound  
Isolation Clip



RSIC-1

3/4/2025

SCALE  
1 : 1

**PAC**  
International

World Leader in  
Noise Control  
Solutions



# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP



# RSIC-1



PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationallc.com](http://www.pacinternationallc.com)

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710  
© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP

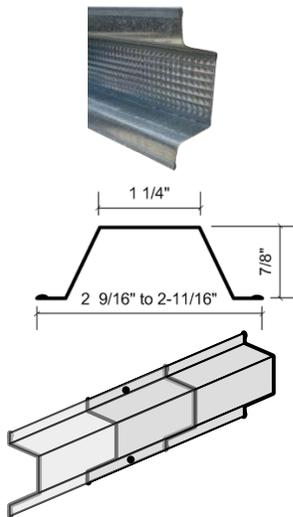


### Resilient Sound Isolation Clip (RSIC-1)

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

### RSIC-1 Dimensions:

- RSIC-1 clip 3" tall
- RSIC-1 clip 1-1/4" deep
- RSIC-1 and drywall furring channel 1-5/8" deep



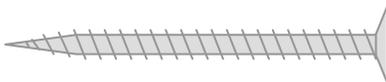
### Drywall Furring Channel:

- **Furring Channel:** 25 gauge, hemmed edge detail required on all furring channel. Meets or exceeds SFIA and 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
- **Max spacing:** 24 inches oc.

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.

### Drywall Furring Channel Overlap:

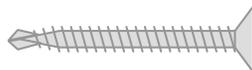
- Overlap drywall furring channel mid span in between RSIC clips and fasten together with 2 Steel framing screws



2-1/2" min

### Fasteners:

- RSIC-1 to wood: #8 x 2-1/2 inch min.
- Optional: RSIC-1 to wood: #10 or #12 x 2-1/2 inch min.
- RSIC-1 to Steel: # 8 x 1-5/8 inch min.
- Optional: RSIC-1 to Steel: #10 or #12 x 1-5/8 inch min.



1-5/8" min



RSIC-Backer

RSIC-Backer HD

### Mounting Heavy Items:

**RSIC-1 Backer must be used when mounting heavy items on walls.**

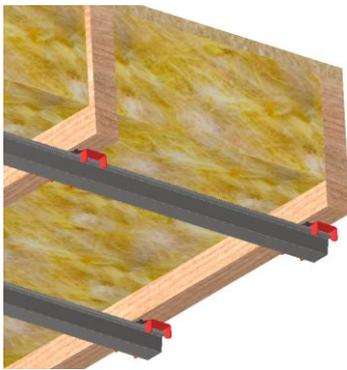
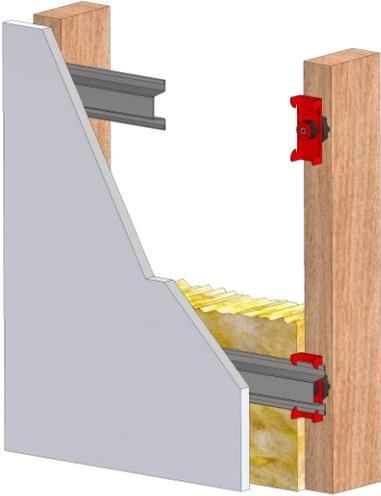
- Cabinets
- Handrails
- Grab bars
- Lockers
- Headboards
- Chalkboards
- Medical devices
- TVs

**PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)**

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710  
© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP



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

- Resilient Sound Isolation Clips (RSIC-1) shall be 48 x 24 inches maximum on center (horizontal).
- Fasten the Resilient Sound Isolation Clip (RSIC-1) to the substrate with a fastener approved for a minimum pull-out and shear of 120 lbs.
- Ensure the internal metal ferrule is tight to the substrate. • Locate the first row of RSIC-1 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-1 clips (horizontal for walls). (see page 2 for splice details) Channel max spacing 24 inches oc.
- 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 the perimeter of the wall.
- 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-1) shall be 48 x 24 inches maximum on center .
- Fasten the Resilient Sound Isolation Clip (RSIC-1) to the substrate with a fastener approved for a minimum pull-out and shear of 120 lbs.
- Ensure the internal metal ferrule is tight to the substrate.
- Locate the first row of RSIC-1 clips within 8 inches of the wall at each end of a run.
- Snap in the drywall furring channel (hat track) into the RSIC-1 clips. Channel max spacing 24 inches oc.
- Install the gypsum board from leaving a 1/4" min. gap around the perimeter of the ceiling.
- Caulk around the entire perimeter of the gypsum board. Use fire and smoke rated acoustical sealant where required.

### **General Information:**

- Refer to [www.UL.com](http://www.UL.com), or [www.pac-intl.com](http://www.pac-intl.com) for complete installation details on all fire resistive assembly designs.
- Resilient Sound Isolation Clip (RSIC-1), furring channel (hat track) and gypsum board shall not carry heavy loads such as cabinets, bookshelves, dropped ceilings, light fixtures, speakers, televisions, headboards, or floating vanities.
- 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-1 clips to a steel stud the minimum allowable thickness is 20 ga. (0.030).

### **Fire Test Information:**

Approved for use in over 150 different UL fire resistive design assemblies.

Check our website for the latest updates of the fire testing approvals

[WWW.PAC-INTL.COM](http://WWW.PAC-INTL.COM)

Check UL Fire Resistance Directory File # R16638

Check UL's web pages. [www.ul.com/database](http://www.ul.com/database)

Contact UL (877) UL- HELPS



**PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)**

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710

© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP

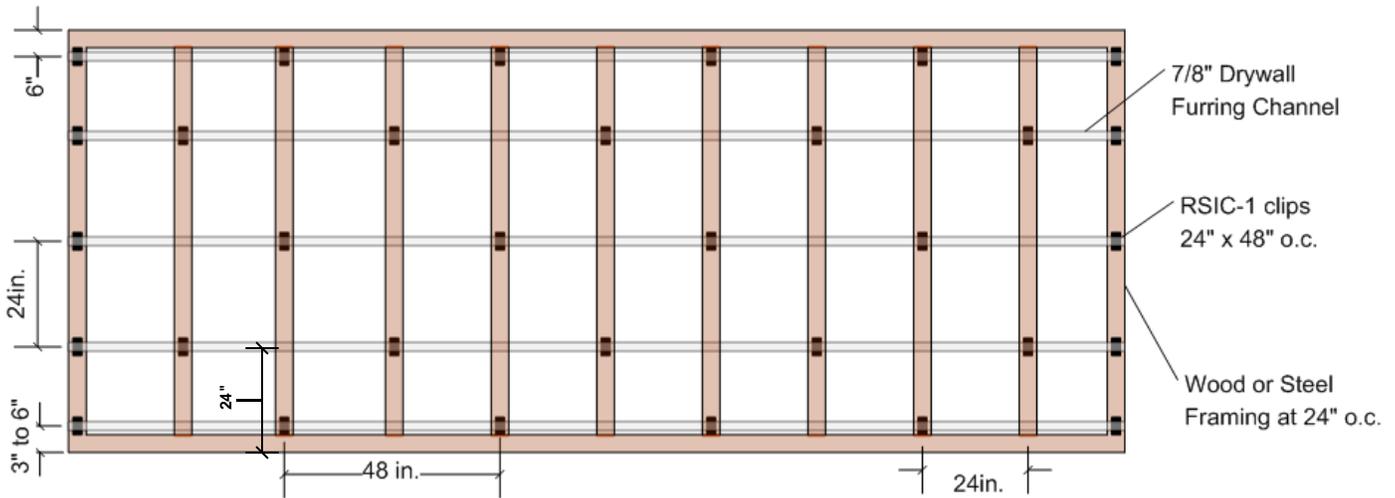
APPLICATION RECOMMENDATIONS FOR WALLS AND  
CEILINGS, WOOD OR STEEL FRAMING

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-1)

### RSIC CLIPS AT 24" OC.

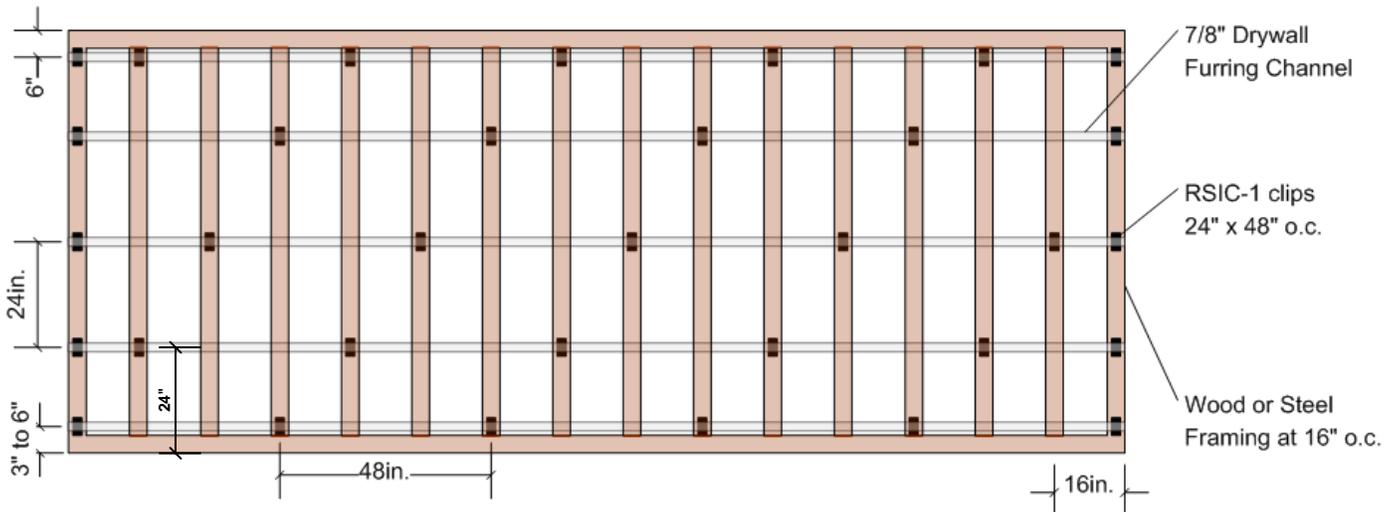
#### RSIC-1 Wall or Ceiling System Framing at 24" o.c.

RSIC-1 clips at 24" x 48" o.c. 1 or 2 Layers of 5/8" Gypsum Board



#### RSIC-1 Wall or Ceiling System Framing at 16" o.c.

RSIC-1 clips at 24" x 48" o.c. 1 or 2 Layers of 5/8" Gypsum Board



PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710  
© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP

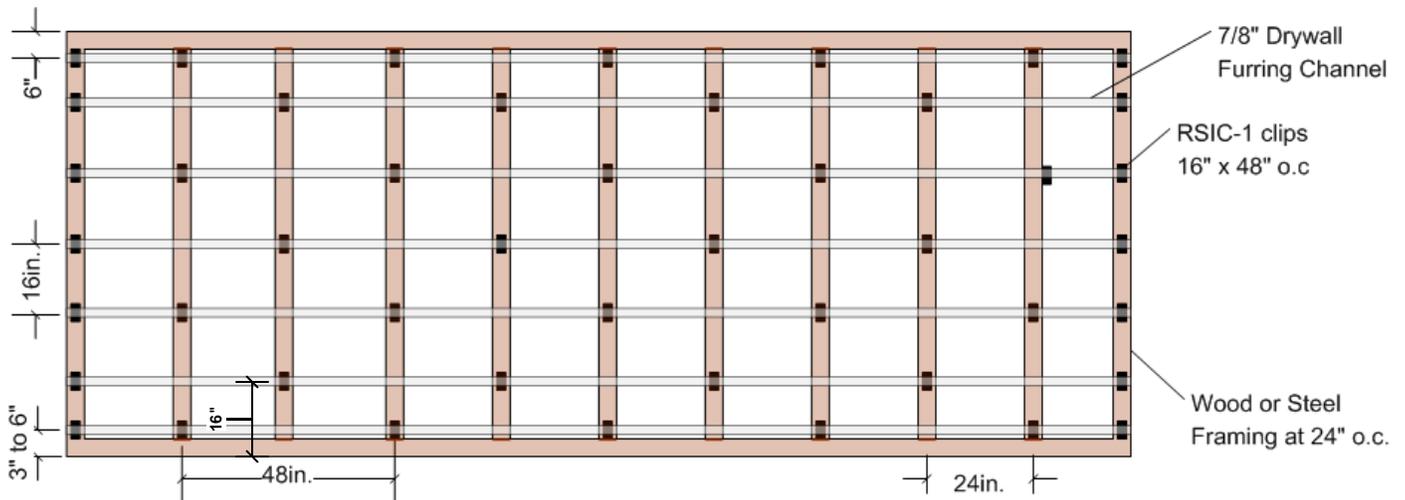
APPLICATION RECOMMENDATIONS FOR WALLS AND  
CEILINGS, WOOD OR STEEL FRAMING

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-1)

### RSIC CLIPS AT 16" OC.

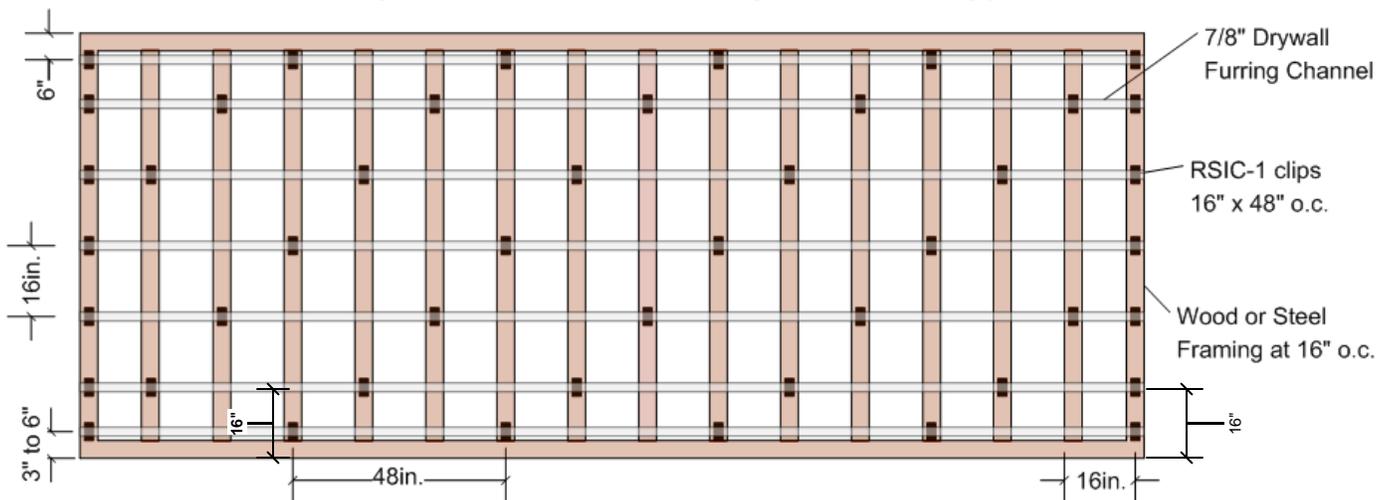
#### RSIC-1 Wall or Ceiling System Framing at 24" o.c.

RSIC-1 clips at 16" x 48" o.c. 3 Layers of 5/8" Gypsum Board



#### RSIC-1 Wall or Ceiling System Framing at 16" o.c.

RSIC-1 clips at 16" x 48" o.c. 3 Layers of 5/8" Gypsum Board



PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710  
© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

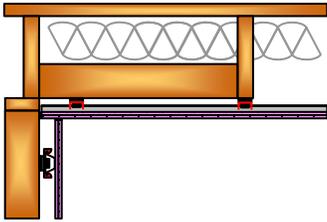
# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR WALLS AND  
CEILINGS, WOOD OR STEEL FRAMING

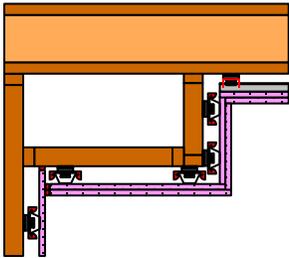
INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-1)

### RSIC CLIPS ADDITIONAL DETAILS



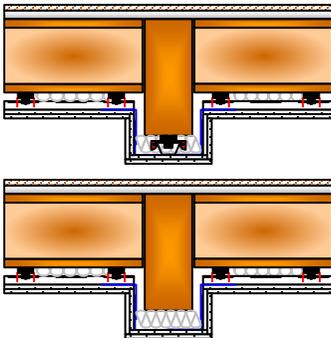
**RSIC-1 clip Added blocking when there is not a joist within 6" of the end of the ceiling.**

- Add min 2 x 4 blocking that travels from joist to head of wall, or joist to joist to support RSIC-1 clips within 6" of the end of the ceiling.



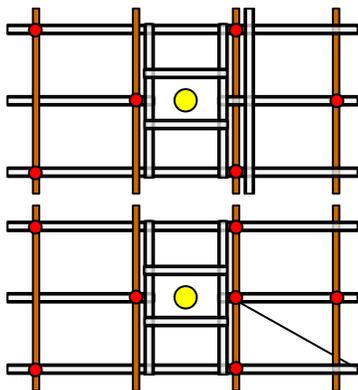
**RSIC clip Soffit installation:**

- Soffits should be hard framed and RSIC clips installed to the outside of the soffit frame to support the gypsum board.



**RSIC clip Beam installation:**

- Beams can be floated with 90 deg. angle or supported with a single run of RSIC clips and channel at the lowest point.



**RSIC clip Transition or interruption installation:**

- The furring channel may be interrupted by HVAC, Light Fixtures, Sprinkler heads, or other items that need to penetrate the ceiling.
- The furring channel may be trimmed to allow this interruption when stringbacks are placed perpendicular to the main runs of channel and are supported by the adjacent furring channel runs, and the interruption is box framed using drywall furring channel.
- Additional RSIC-1 clips may be added to support the additional weight of a light box or light fixture. Add one RSIC-1 clip for every 36 lbs added to the ceiling at those location

Optional RSIC-1 clip added to support the end of the channel

PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710

© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

# RSIC-1 INSTALLATION GUIDE

## RSIC-1 BACKER SOUND ISOLATION CLIP

REQUIRED RSIC-1 ACCESSORY FOR MOUNTING HEAVY ITEMS



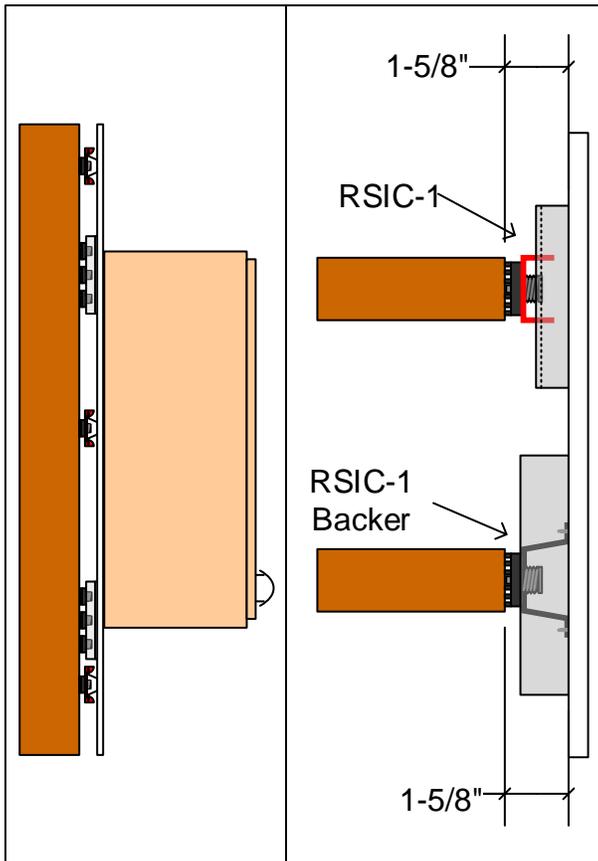
RSIC-Backer

RSIC-Backer HD

### RSIC-Backer RSIC-Backer HD

The RSIC-Backer series is a heavy duty mount used together with the RSIC-1 clips, creating the only complete noise isolation system that can support heavy items. The RSIC-Backer can be used in new construction or retrofit. The RSIC-Backer should be used when items need to be acoustically decoupled for noise and vibration isolation.

A few examples of the possible uses for the RSIC-Backer series of noise control clips: Cabinets, Chalk boards, Projector screens, Handicap grab bars, Lockers, TV wall mount support, Handrails, Library Shelves.



**RSIC is the Low Cost, High Performance, Noise control Solution**

#### RSIC-Backer specifications:

Acoustical design load: STD	108 Lbs
Acoustical design load: HD	216 Lbs
Total deflection	3 mm
Double deflection	Yes (1.5 mm)
Low VOC	Yes
Adjustable	No
Cavity min	1-5/8"
Cavity Max	1-5/8"
Adjustment limit	N/A
Use on Ceilings	Yes
Use on walls	Yes
New Construction	Yes
Assembled in USA	Yes

PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710  
© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.

# RSIC-1 INSTALLATION GUIDE

## RSIC-1 SOUND ISOLATION CLIP



# RSIC-1

**RSIC-1 Clip UL Assemblies approved for use.**

CIKV.R16638

Types RSIC-1 and RSIC-1 (2.75) for use in Design Nos. G501, G502, G503, G504, G505, G507, G510, G512, G524, G525, G534, G551, G552, G561, G565, G578, G552, G565, L502, L505, L510, L511, L513, L514, L516, L518, L521, L523, L528, L532, L534, L542, L546, L547, L550, L562, L563, L569, L570, L573, L574, L576, L579, L582, L587, L589, L590, L593, M501, M502, M506, M508, M509, M510, M514, M531, P519, P522, P538, P545, P556, P571, U301, U305, U309, U311, U320, U331, U334, U340, U341, U342, U344, U356, U411, U415, U417, U419, U421, U423, U440, U451, U453, U455, U465, U473, U493, U524, U910, U914, V310, V323, V324, V438, V455, V469, V478, V481, V488, V489, V490, V496, V498, W419, W425, W440, W445.

Type RSIC-1 also Classified in accordance with ASTM E90-99, "Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements". See Design Nos. G505, U305, U334, V310, for STC rating.

Type RSIC-1 also Classified in accordance with ASTM E492-96, "Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine". See Design No. G505 for IIC rating.

Types RSIC-1 and/or RSIC-1 (2.75) for use in Joint System Nos. HW-D-0060, HW-D-1011.

**PAC International, LLC. Tel: (866) 774-2100 Web Site: [www.pacinternationalllc.com](http://www.pacinternationalllc.com)**

PAC International, LLC., 2000 4<sup>th</sup> Ave Canby, OR 97013 • (866) 774-2100 • Fax (866) 649-2710

© PAC International, LLC. All Rights Reserved. RSIC® is a registered Trade Mark of PAC International, LLC.



**World Leader in  
Noise Control  
Solutions**

## **RSIC ® Safety Data Sheet**

Article Statement

(PAC International, LLC Wall and Ceiling Isolation Products)

This document is provided for clarification of the Safety Data Sheets that you have requested for our product(s). OSHA Hazard Communication Standard requires a SDS for hazardous chemicals; however, the standard exempts all articles from the requirement. The explanation of an article is described per OSHA definition below.

*Pursuant to 29 CFR 1910.1200 (b) (6) (v) and (c), the product described herein is an “article” or is otherwise excluded from OSHA regulations requiring that a Material Safety Data Sheet be prepared for it.*

*An article defined: manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacturing; (ii) which has an end use function (s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use.*

For technical information and additional resources covering these products please refer to PAC International published literature, e.g., data sheets, product drawings, and installation guidelines at [www.PacInternationalLLC.com](http://www.PacInternationalLLC.com)

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.



**NOISE  
CONTROL  
SOLUTIONS**

REAL SOLUTIONS IN CONSTRUCTION

LEED Analysis  
**RSIC-1®**

### **Recycled Content**

PAC International's RSIC-1® does not contain significant recycled content.

### **Fabrication Location**

The RSIC-1® is manufactured in Multiple locations.  
USA manufactured RSIC-1® can be requested from the  
Canby, OR 97013 location when needed.

### **Material Source**

The extraction points for the materials in these products cannot be verified. Assume they are outside the 500 mile radius.



# COMPLIANCE TESTED by berkeley analytical

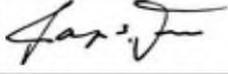
## VOC Emission Test Certificate

**Product Name: RSIC-1 Sound Isolation Clip**

### Product Sample Information

Company:	Pac International LLC.
Company Website:	www.pac-intl.com
Product Type:	Wallcoverings – Noise Control Clip
Date Produced:	6/12/2019

### Certificate Information

Certificate No:	190807-02
Certified By:	 Raja S. Tannous, Laboratory Director
Date:	August 7, 2019

**Reference Standard:** California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

### Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario <sup>1</sup>	Individual VOCs of Concern <sup>2</sup>		Formaldehyde <sup>3</sup>		TVOC <sup>4</sup>
	Criterion	Compliant?	Criterion	Compliant?	Range
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≤ 0.5 mg/m <sup>3</sup>
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≤ 0.5 mg/m <sup>3</sup>

**Product Coverage<sup>5</sup>:** Not applicable

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m<sup>3</sup>, effective Jan 1, 2012; previous limit was ≤16.5 µg/m<sup>3</sup> (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m<sup>3</sup>, >0.5 – 4.9 mg/m<sup>3</sup>, and ≥5.0 mg/m<sup>3</sup>
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

### Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)

- USGBC LEED Version 4, BD&C, ID&C
- The WELL Building Standard
- ANSI/GBI 01, Green Building Assessment Protocol
- Green Guide for Healthcare V2.2

**Narrative:** Pac International LLC. selected a sample representative of its RSIC-1 Sound Isolation Clip for gypsum boards product and submitted it on 7/8/2019 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 1187-002-01A-Aug0719.

**Berkeley Analytical** is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

**DISCLAIMER:** THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.



**World Leader in  
Noise Control  
Solutions**

## **RSIC Product Warranty Disclaimer**

### **WARRANTY DISCLAIMER AND LIABILITY LIMITATION LANGUAGE**

**WARRANTY AND DISCLAIMER AND LIABILITY LIMITATION LANGUAGE ONE YEAR WARRANTY** Seller warrants to the original purchaser that its products are free from defects in material or workmanship for one year from the date of purchase from seller. Any allegedly defective product that is portable must be returned to seller prepaid. If upon examination it appears to seller's satisfaction that the product is defective, seller shall repair, replace, or return the purchase price of the product at seller's option. EXCEPT FOR THE FOREGOING, THERE IS NO OTHER WARRANTY, REPRESENTATION OR CONDITION OF ANY KIND; AND ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS EXCLUDED AND DISCLAIMED. Some states do not allow limitations on implied warranties, so the above limitation may not apply to you.

### **LIABILITY LIMITED TO RETURN OF PURCHASE PRICE**

IT IS AGREED THAT SELLER'S LIABILITY AND PURCHASER'S SOLE REMEDY, WHETHER IN CONTRACT, UNDER ANY WARRANTY, IN TORT (INCLUDING NEGLIGENCE), IN STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY PURCHASER, AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, DAMAGE TO OR LOSS OF EQUIPMENT, LOST PROFITS OR REVENUE, COSTS OF RENTING REPLACEMENTS AND OTHER ADDITIONAL EXPENSES, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE PRICE STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY AND PURCHASER'S REMEDY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

### **SELLER NOT LIABLE FOR PURCHASER'S NEGLIGENCE**

SELLER WILL NOT BE LIABLE FOR ANY DAMAGES, LOSSES OR EXPENSES AS A RESULT OF PURCHASER'S NEGLIGENCE, WHETHER DEEMED ACTIVE OR PASSIVE AND WHETHER OR NOT ANY SUCH NEGLIGENCE IS THE SOLE CAUSE OF ANY SUCH DAMAGE, LOSS OR EXPENSE.

### **MODEL FOR DEMONSTRATION PURPOSES ONLY**

THE MODEL OR SAMPLE SHOWN BY SELLER TO BUYER IS USED FOR DEMONSTRATION PURPOSES ONLY. THERE IS NO WARRANTY THAT THE GOODS AS DELIVERED SHALL CONFORM TO THE MODEL OR SAMPLE, AND CONFORMITY OF THE GOODS TO THE MODEL OR SAMPLE IS NOT PART OF THE BASIS OF THE BARGAIN BETWEEN SELLER AND BUYER.

### **NO WARRANTY OR COMPLIANCE WITH SAFETY CODE OR REGULATION**

SELLER DOES NOT WARRANT THAT ANY OF THE GOODS SOLD WILL MEET OR COMPLY WITH THE REQUIREMENTS OF ANY SAFETY CODE, BUILDING OR DWELLING CODE, OR REGULATION OF ANY STATE, MUNICIPALITY OR OTHER JURISDICTION.

### **NEVADA LAW APPLIES**

SELLER AND BUYER AGREE THAT ALL ASPECTS OF THIS TRANSACTION INCLUDING THE APPLICABLE STATUTE OF LIMITATIONS SHALL BE GOVERNED BY THE INTERNAL LAW OF THE STATE OF NEVADA, AND NOT THE LAWS OF CONFLICTS.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state