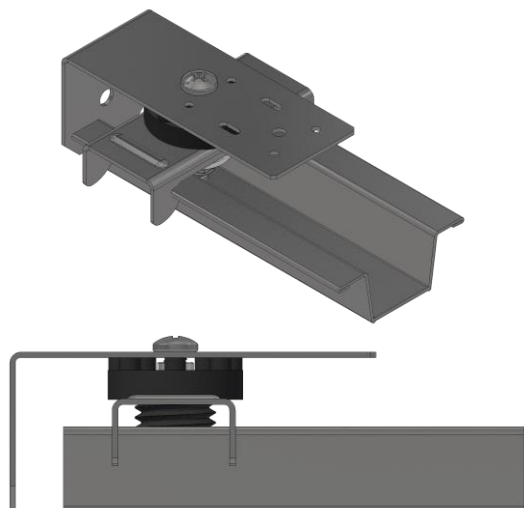




RSIC-1 EDGE



The **RSIC-1-EDGE** is designed for use with any wood framed, steel framed, CMU, or concrete wall and ceiling system with the RSIC-1 clips. The RSIC-1-EDGE assembly decouples and isolates the gypsum board or plywood from the structure where sufficient framing is not present to mount the standard RSIC-1 clips. With an Acoustical design load rating of 18 lbs per isolator, the RSIC-1-Edge clip can support one layer of 5/8" gypsum board when spaced at 24" x 48" oc., and 2 layers of 5/8" gypsum board when spaced at 24" x 24" oc. For heavier systems increase the number of isolators to support the additional weight of the system. The RSIC-1-EDGE clip fastens directly to the framing or structure creating a 1-5/8" cavity between the face of the framing and the back of the gypsum board aligning with the RSIC-1 clips.

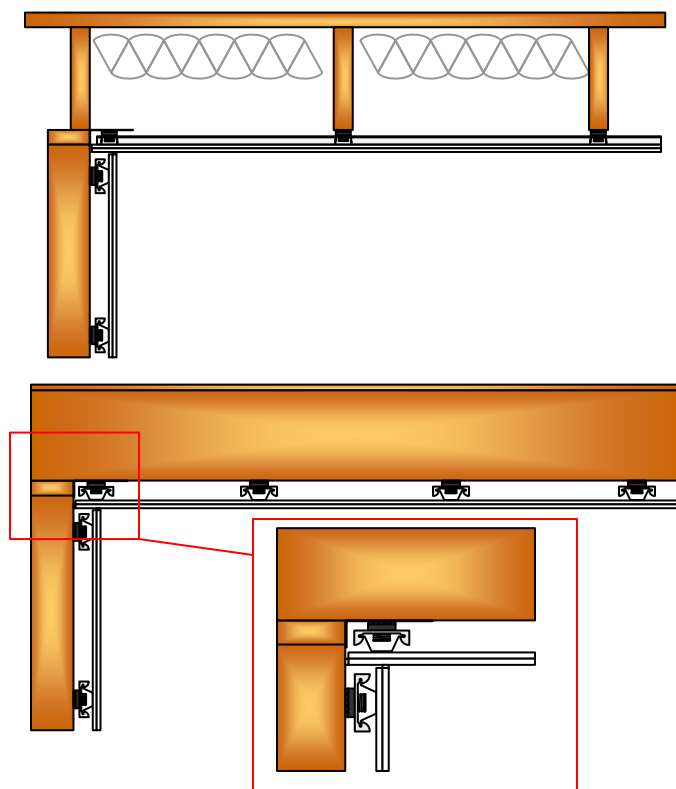
RSIC-1-EDGE, the Low Cost, High Performance, Noise control Solution

Wood
Steel
Metal deck

Concrete
Condo
Commercial

Apartment
Retail
Conference Rooms

Recording Studio
Home Theater
Commercial theater



RSIC-1 Edge specifications:

Acoustical design load:	18 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



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Control
Solutions



GYPSUM BOARD ASSEMBLIES 2021

PAC INTERNATIONAL, LLC.

RSIC-1 EDGE

1. Product Name

- RSIC-1 EDGE Resilient Sound Clip.
 - RSIC-1 EDGE 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
Web: www.pac-intl.com

3. Product Description

RSIC-1 EDGE

The RSIC-1 Edge 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 EDGE assembly decouples and isolates the gypsum board or other sheet goods from the structure increasing the acoustical performance of the system.

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

Materials and Composition

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

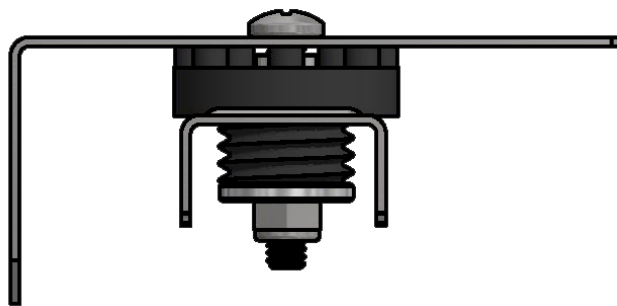
Environmental Considerations

The RSIC-1 Edge 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 Edge 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 18 Lbs.

4. Technical Data

Division: 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 Impact 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 Edge Resilient Sound Isolation Spring Clip following the manufacturer recommendations.
- Install the RSIC-1 Edge at the end of a Furring channel run where there is no ceiling joist to support a RSIC-1 clip.
- Fasten the RSIC-1 Edge 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



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GYPSUM BOARD ASSEMBLIES 2021

PAC INTERNATIONAL, LLC.

- Install 7/8" 25 Ga drywall furring channel (Hat Channel) into RSIC-1 Edge at a maximum of 24 x 48 inches on center. 7/8" 25 GA drywall furring channel snaps into the RSIC-1 Edge bottom.
- Max design load of each RSIC-1 Edge 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 Edge 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.

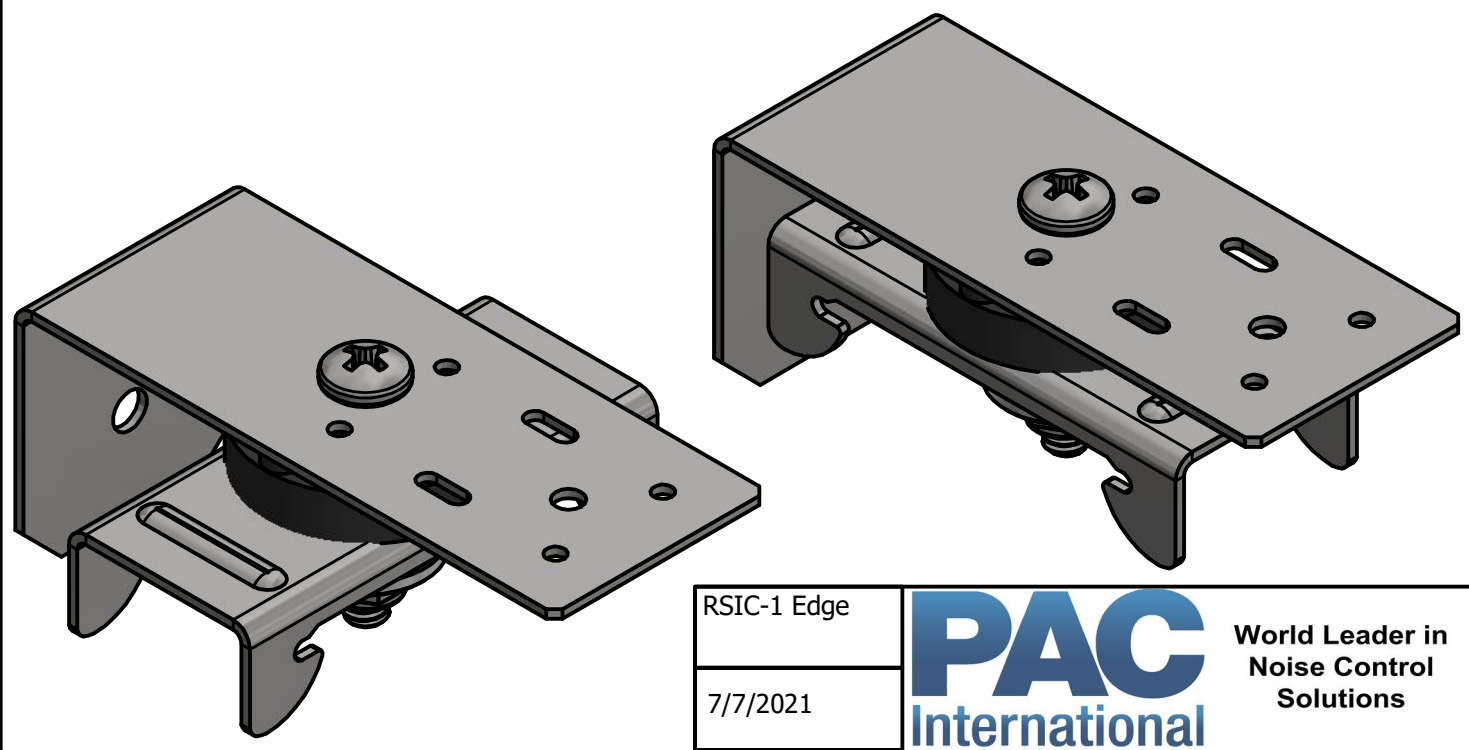
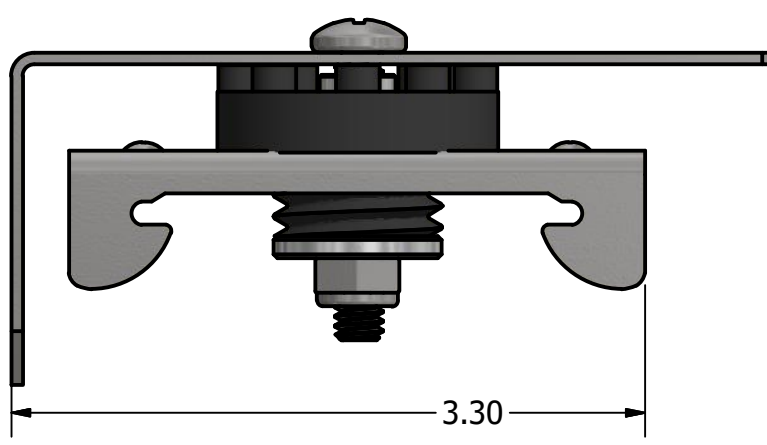
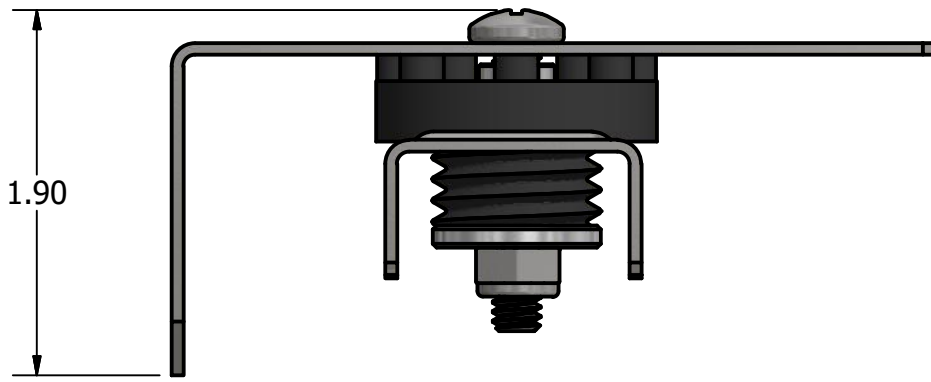
9. Technical Services

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



RSIC-1 Edge	
7/7/2021	
SCALE 1	

World Leader in Noise Control Solutions

RSIC-1-EDGE SOUND ISOLATION CLIP

RSIC-1-EDGE INSTALLATION GUIDE

RSIC-1-EDGE



For use in conjunction with the RSIC-1 clip

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RSIC-1-EDGE SOUND ISOLATION CLIP

RSIC-1-EDGE INSTALLATION GUIDE



Resilient Sound Isolation Clip (RSIC-1-EDGE)

- Spacing: maximum 48 inches on center
- Maximum acoustical design load: 18 lbs
- RSIC-EDGE is designed for use with the RSIC-1 clip is unable to be installed due to a lack of mounting surface.
- For example at the end of a furring channel run, or parallel to the joist at the wall ceiling intersection.

RSIC-1-PC dimensions:

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



1-1/2"



1"

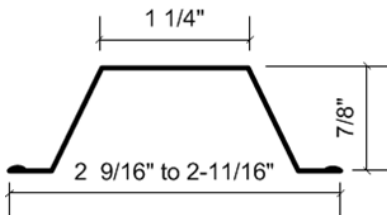
Fasteners:

- RSIC-1-EDGE 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-EDGE to Steel: # 8 x 1 inch minimum size fine thread screw. (Recommended #10 or #12 x 1/2 inch hex head)
- DO NOT fasten Resilient Sound Isolation Clips to framing members with nails. Use only approved screws.



Furring Channel:

- Recommended: 25 gauge, hemmed edge detail required on all 25 gauge furring channel. Meets or exceeds SSMA min. requirements.
- Depth: 7/8 inch
- Width Bottom: 2-9/16 to 2-11/16 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-EDGE: 60 clips per man hour

Drywall Furring Channel: 550LF per man hour

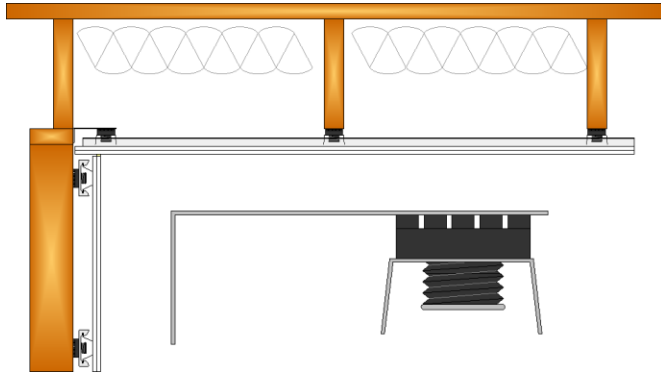
Labor rates provided to PAC International, Inc by independent contracting firm

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RSIC-1-EDGE SOUND ISOLATION CLIP

RSIC-1-EDGE INSTALLATION GUIDE



RSIC-1-EDGE

RSIC-1 EDGE Clip with down facing L bracket at perimeter where joist are not available for a standard RSIC-1 clip to be installed.

Ceilings: One and Two layer 5/8" gypsum

- Resilient Sound Isolation Clip (RSIC-1-EDGE) shall be 48 inches (1219mm) on center maximum. (Perpendicular to Joist/Truss)
- Fasten the Resilient Sound Isolation Clip (RSIC-1-EDGE) to the wall top plate ensuring the RSIC-1-Edge is in the same horizontal plane as the RSIC-1 clips fastened to the bottom of the joist.
- Ensure the metal “L” bracket is tight to the framing member.
- Snap in the drywall furring channel (hat track) into the RSIC-1-Edge clip (perpendicular or parallel) to the framing members.

General Information:

Resilient Sound Isolation Clip (RSIC-1-EDGE), 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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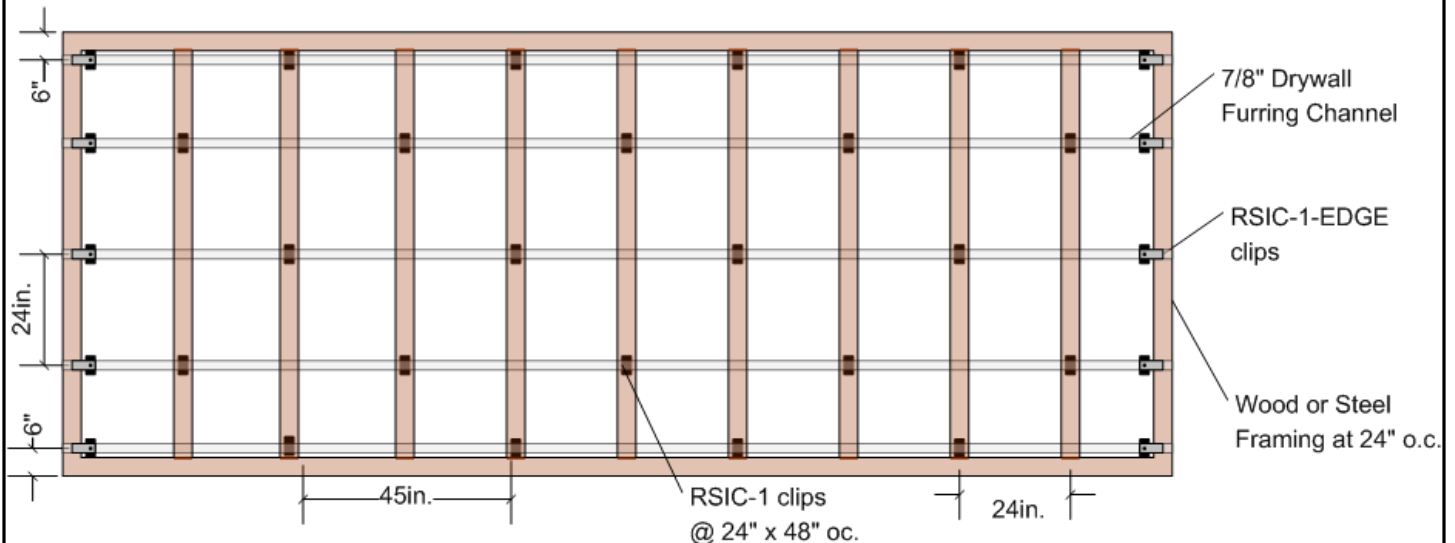
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RSIC-1-EDGE SOUND ISOLATION CLIP

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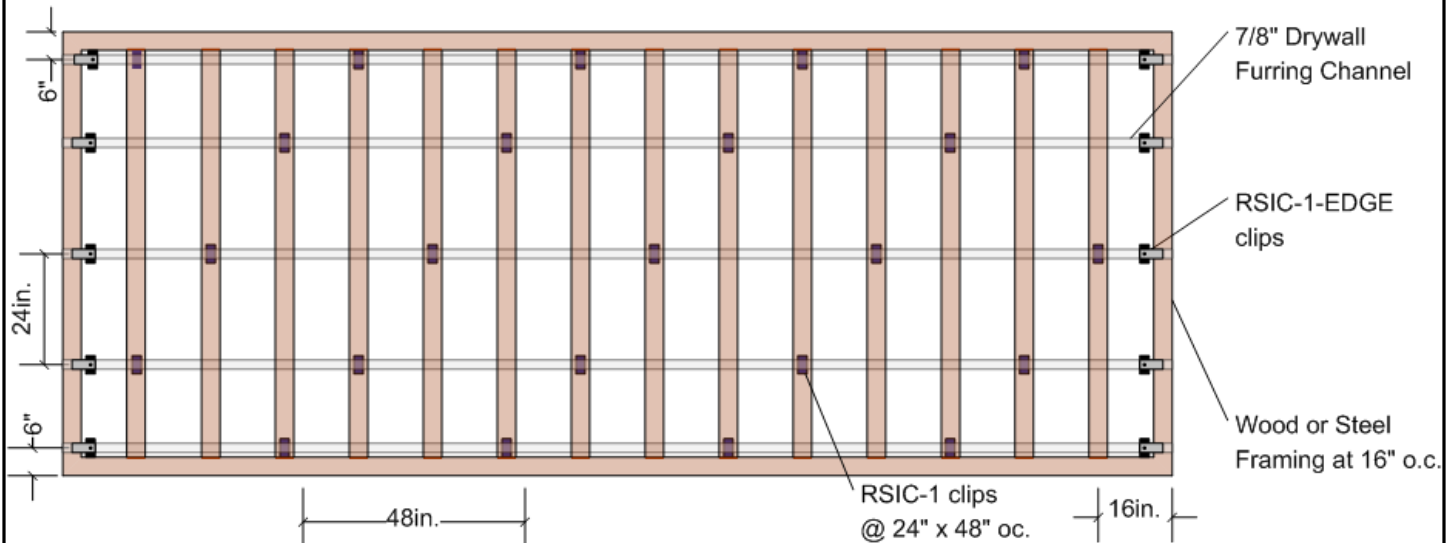
RSIC-1-EDGE Ceiling System Framing at 24" o.c.

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



RSIC-1-EDGE 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



RSIC-1-EDGE SOUND ISOLATION CLIP

RSIC-1-EDGE INSTALLATION GUIDE



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**NOISE
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REAL SOLUTIONS IN CONSTRUCTION

LEED Analysis
RSIC-1 Edge

Recycled Content

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

Fabrication Location

The RSIC-1 Edge is manufactured in Canby, OR 97013

Material Source

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



Safety Data Sheet

Article Statement

(PAC International, LLC Wall and Ceiling Isolation Products)

RSIC-1
RSIC-SIX
RC-1 Boost
RSIC-WHI
RSIC-SI-1 Ultra
RSIC-SI-CRC EZ
RSIC-SI-WHI
RSIC-SI-FF
RSIC-1 EXT04
RSIC-1.5 CRC
RSIC-1 LOW PROFILE
RSIC-1 EDGE
RSIC-1 TTC
RSIC-1 RETRO
RSIC-1 BACKER
RSIC-1 ADM MULTI CLIP/SHOOT IN
RSIC-1 ADM MINI DROP IN
RSIC-1 ADM WOOD
RSIC-1 ADM SIDE MOUNT
RSIC-U
RSIC-U-HD
RSIC-WFI
RSIC-FGP
RSIC-DC04
RISC-DC04HD/DD
RSIC-DC04X2
RSIC-DC04X2HD/DD
RSIC-V
RSIC-FCR-HD
RSIC-2
RSIC-2 RETRO
RSIC-CWB
RSIC-CWB HD/DD
RSIC-CWB HD/DD DC
RSIC-JOIST ISOLATOR
RSIC-GDS KIT
RSIC-AMI
RSIC-FS TV
RSIC-PERIMETER TAPE
RSIC SUPER SCREW
RSIC-PUTTY PADS
RSIC MUTLI CLIP
PAC PRO MC 150+
LEVELING CLIP

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 other wise 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.pac-intl.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.



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RSIC Product Warranty Disclaimer

RSIC-1
RSIC-SIX
RC-1 Boost
RSIC-WHI
RSIC-SI-1 Ultra
RSIC-SI-CRC EZ
RSIC-SI-WHI
RSIC-SI-FF
RSIC-1 EXT04
RSIC-1.5 CRC
RSIC-1 LOW PROFILE
RSIC-1 EDGE
RSIC-1 TTC
RSIC-1 RETRO
RSIC-1 BACKER
RSIC-1 ADM MULTI CLIP/SHOOT IN
RSIC-1 ADM MINI DROP IN
RSIC-1 ADM WOOD
RSIC-1 ADM SIDE MOUNT
RSIC-U
RSIC-U-HD
RSIC-WFI
RSIC-FGP
RSIC-DC04
RSIC-DC04HD/DD
RSIC-DC04X2
RSIC-DC04X2HD/DD
RSIC-V
RSIC-FCR-HD
RSIC-2
RSIC-2 RETRO
RSIC-CWB
RSIC-CWB HD/DD
RSIC-CWB HD/DD DC
RSIC-JOIST ISOLATOR
RSIC-GDS KIT
RSIC-AMI
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