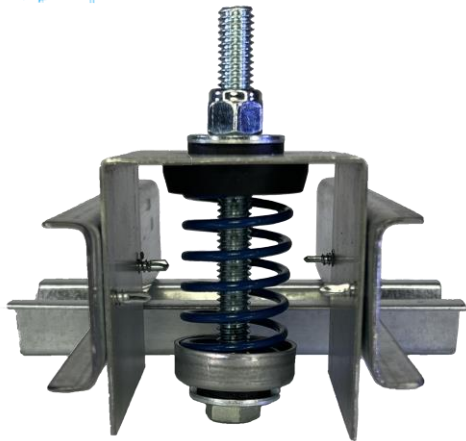
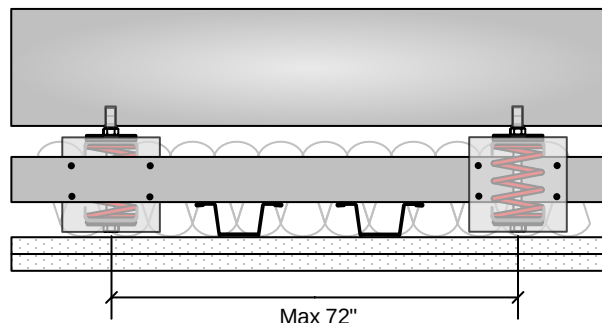
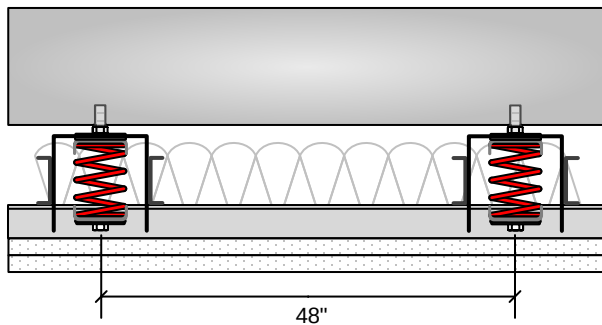
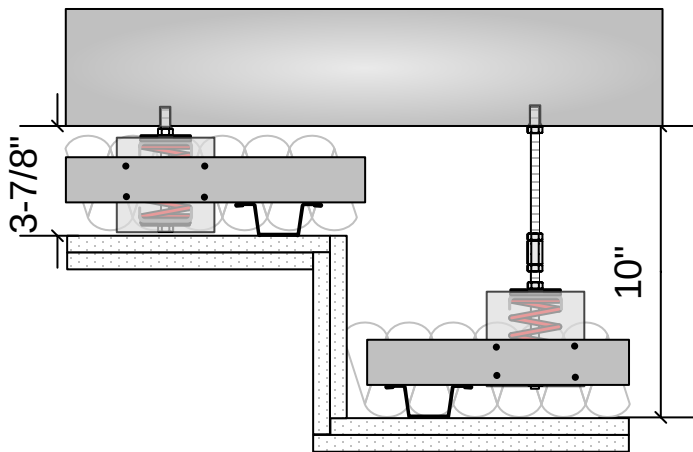




RSIC-SI-CRC2 LP

The RSIC-SI-CRC2 LP is designed to isolate the ceiling at greater spans with two 1.5" x 16 Ga cold-rolled channel and furring channel (25 or 20 Ga). The RSIC-SI-CRC2 LP clip is available in 10 lb, 20 lb, 30 lb, 40 lb, 60 lb, 80 lb, 100 lb, 120 lb versions. Maximum spacing for the RSIC-SI-CRC2 LP is 48" x 72" oc.



Concrete
Apartment
Retail
Conference Rooms

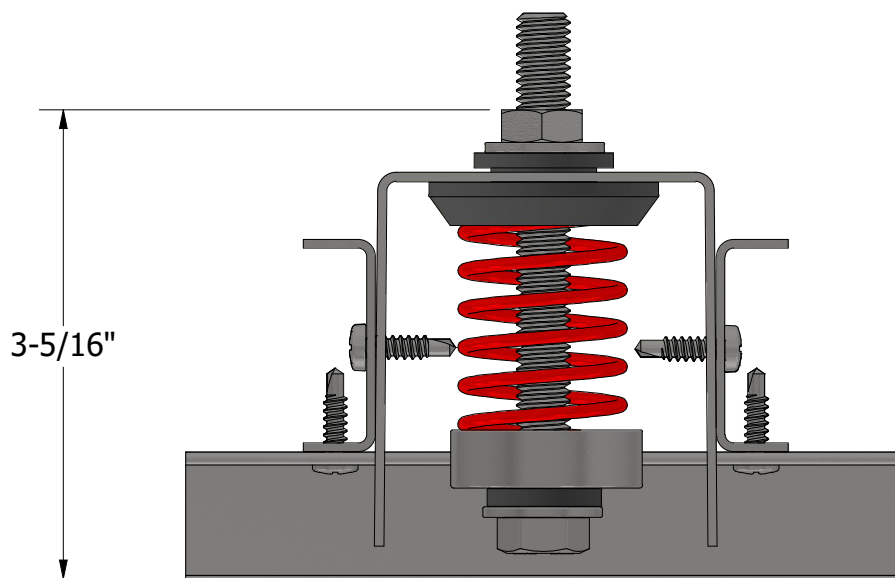
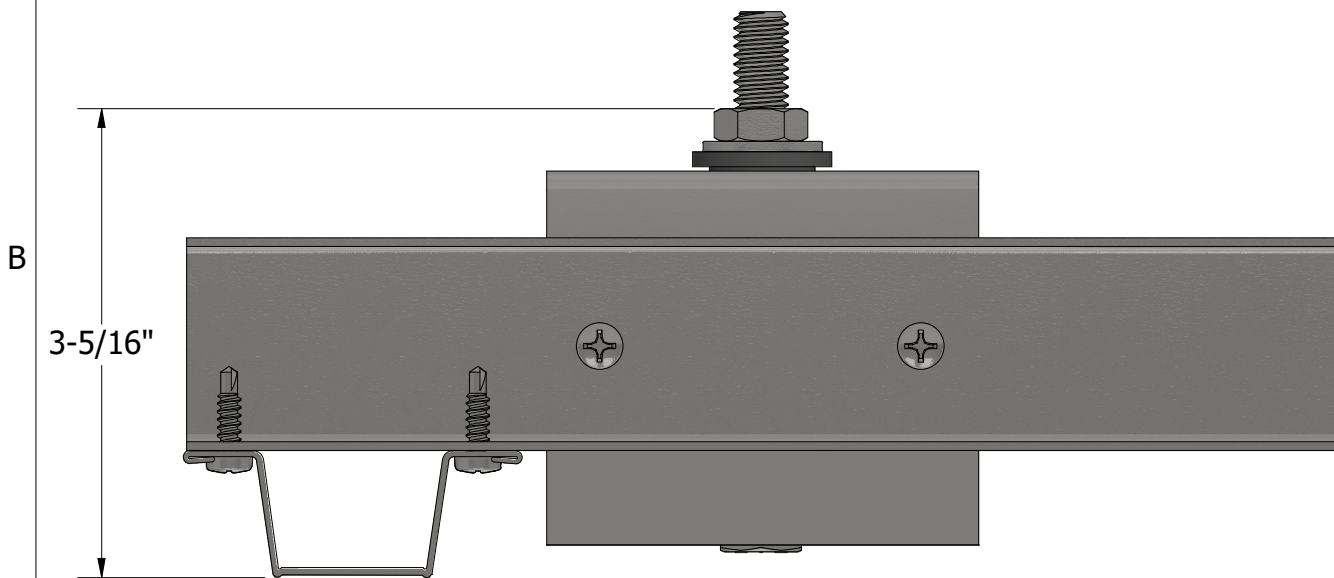
Condo
Commercial
Recording Studio
Home Theater
Commercial theater

RSIC-SI-CRC2 LP specifications:

Acoustical design load:	10 lbs to 120 lbs
Total deflection	7/8 inch
Pre-Calibrated	YES
Pre-Assembled	YES
Adjustable	YES
Cavity min	3-7/8"
Cavity Max	Bolt Length
Use on Ceilings	YES
Use on walls	NO
New Construction	YES
Tested, Engineered, Designed, and Calibrated In USA	

RSIC-SI-CRC2 LP Fully-Loaded

"As Installed"



RSIC-SI-CRC2
LP

12/1/2023

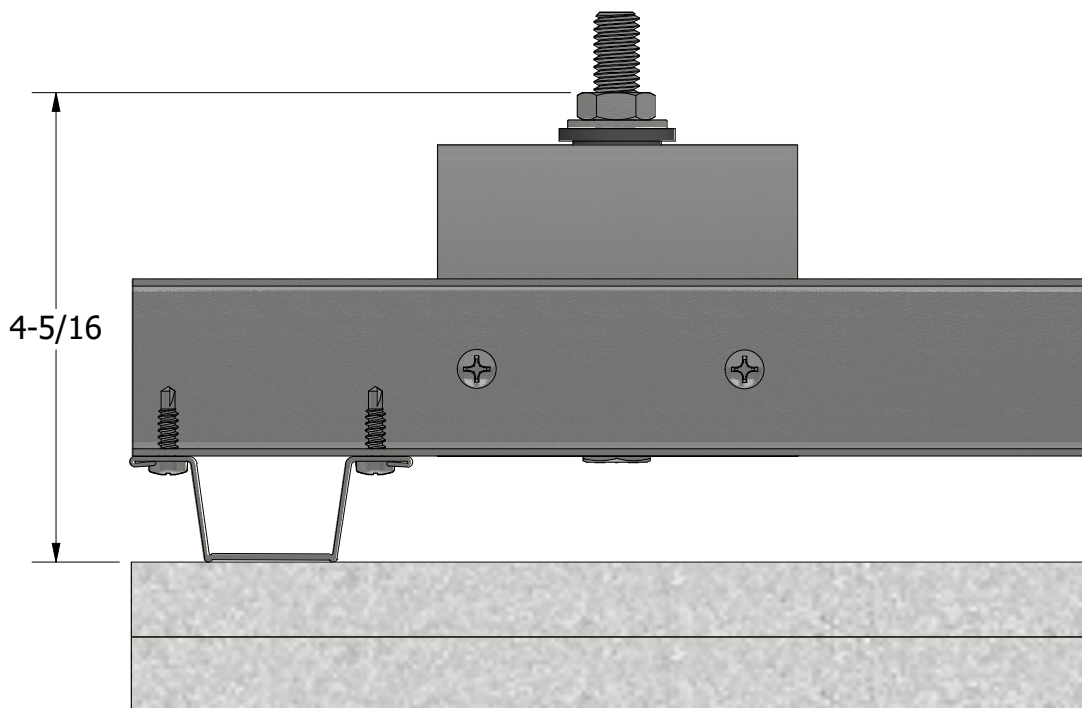
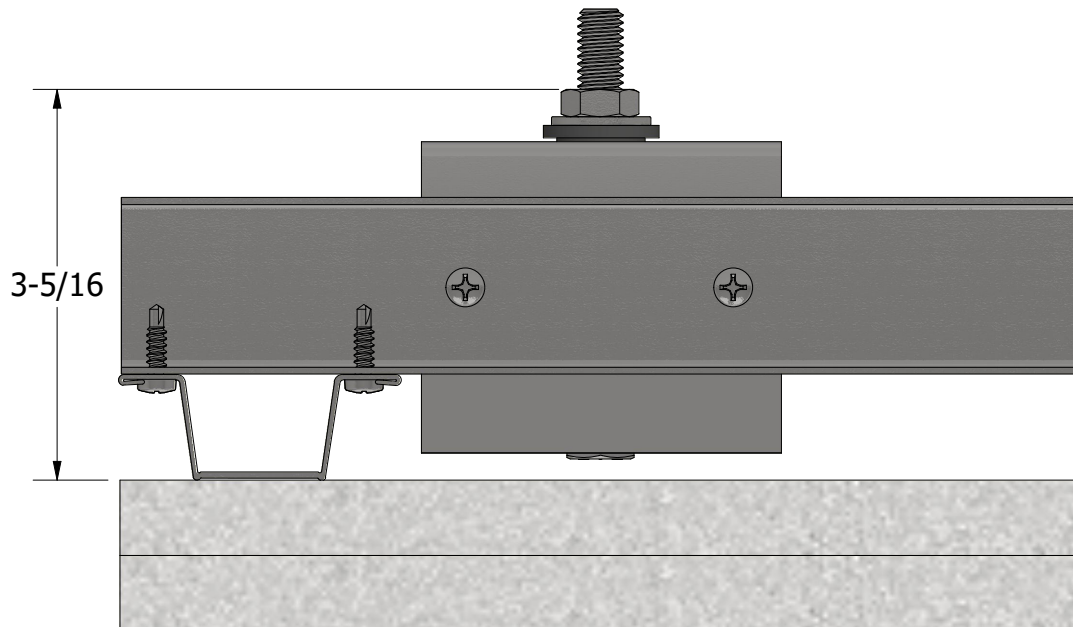
SCALE
3/4

PAC
International

World Leader in
Noise Control
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RSIC-SI-CRC2 LP Height Variance



RSIC-SI-CRC2
LP

12/1/2023

SCALE
5/8

PAC
International

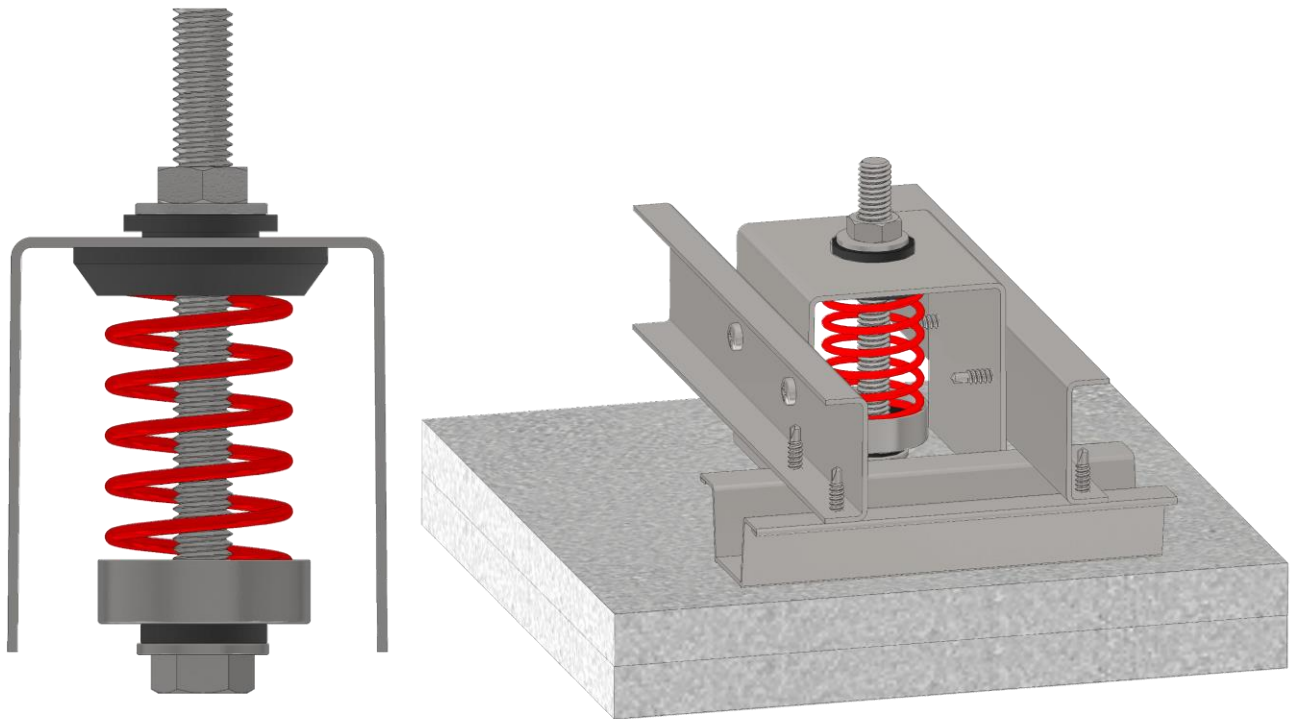
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Solutions



RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

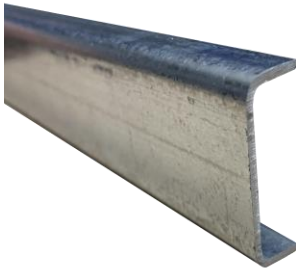
RSIC-SI-CRC2 LP INSTALLATION GUIDE

RSIC-SI-CRC2 LP



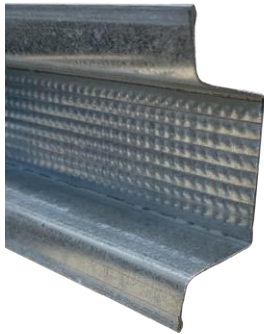
RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

RSIC-SI-CRC2 LP INSTALLATION GUIDE



Cold Rolled Channel:

- **48" max spacing 16 Gauge Cold Rolled Channel (CRC)** Dim: 1/2" x 1-1/2" x 1/2" SSMA code: 150U050-54
- CRC and Steel Studs must meet or exceed SSMA standards



Drywall Furring Channel:

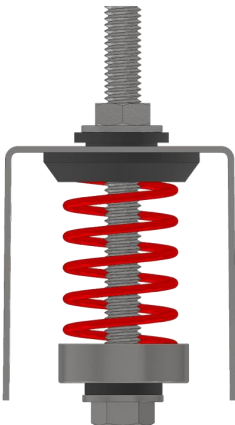
- **Furring Channel:** Mi. 20 gauge standard. Meets or exceeds SSMA requirements.
- **Depth:** 7/8 inch
- **Width Bottom:** 2-9/16" to 2-11/16" inch wide nominal.
- **Width Top:** 1-1/4 inch wide

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.



Fasteners:

- **RSIC-SI-CRC2 LP to Concrete:** Mini or standard 1/4" or 3/8" drop in anchor
- **1-1/2" x 16 Gauge Cold Rolled Channel** Use min 1/2" self drilling framing screws to fasten the 1-1/2" CRC channel RSIC-SI-CRC2 LP
- CRC channel and Steel channel must meet or exceed SSMA standards

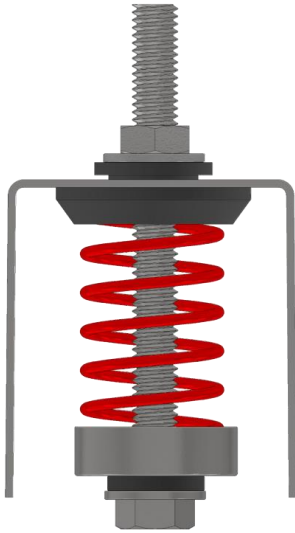


RSIC-SI-CRC2 LP Spring Isolator

- **Maximum Spacing:** 60" x 48" oc. with Two Cold Rolled Channels
- **Finish elevation is 1/2" below preset height with 2 layers of 5/8" gypsum board.**

RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

RSIC-SI-CRC2 LP INSTALLATION GUIDE



10 Lb White

20 Lb Blue

30 Lb Green

40 Lb Red

60 Lb Purple

80 Lb Silver

100 Lb Orange

120 Lb Gold

160 Lb Black

RSIC-SI-CRC2 LP

Low Profile Spring dropped ceiling with 1" deflection
Adjustable: 3-5/16" to 4-5/16"

Concrete Ceilings: RSIC-SI-CRC2 LP clips installed 48" oc

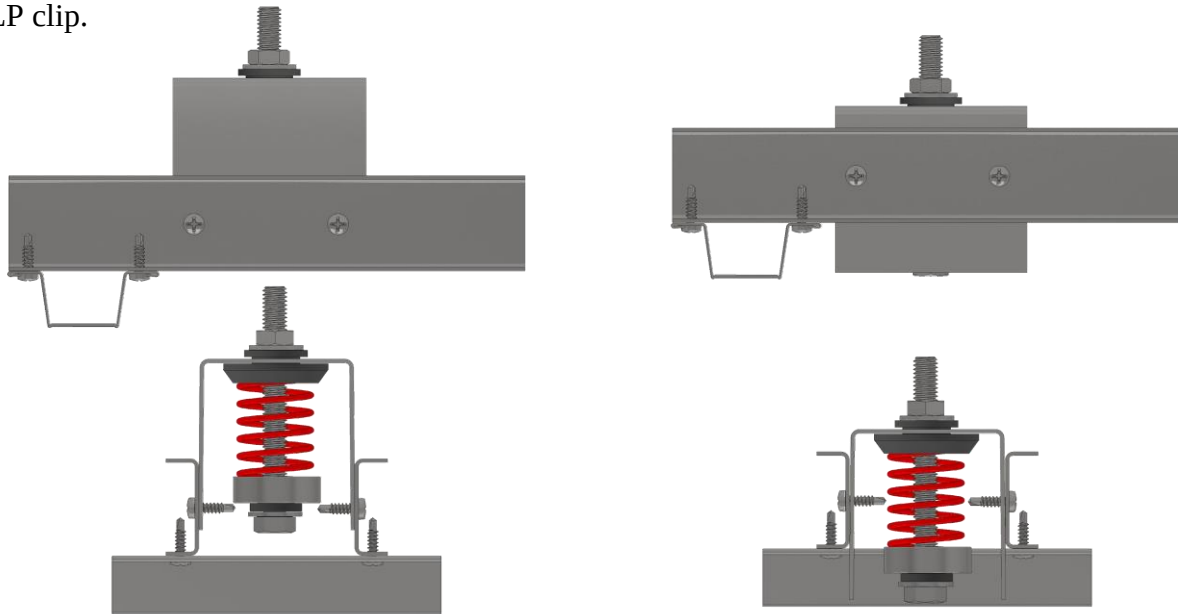
- Resilient Sound Isolation Clips (RSIC-SI-CRC2 LP) shall be max 72 inches by 48 inches on center.
- Layout the RSIC-SI-CRC2 LP clips according to general guidelines represented in this installation manual.
- Any additional or non standard room dimensions need to be addressed by a professional engineer.
- Carefully remove RSIC-SI-CRC2 LP pre-assembled, and pre-calibrated clips from packaging.
- Be cautious to not rotate the RSIC-SI-CRC2 LP clips separate from the Upper bracket. This may change the factory calibration of RSIC-SI-CRC2 LP.
- Verify the correct quantity of each RSIC-SI-CRC2 LP isolator (weight / color) is included in the shipment.
- Layout the RSIC-SI-CRC2 LP clips on the floor (reflecting the ceiling above) Ensure there are no additional items required to complete the installation, IE: HVAC ducting to be moved or clips to be relocated, or additional clips to support the drywall furring channel.
- Drill and set the Drop in anchors
- Thread the Resilient Sound Isolation Clip (RSIC-SI-CRC2 LP) to the Drop anchors in the ceiling
- Position the cold rolled channel 16 ga to the desired height minus 1/2" and fasten to the RSIC-SI-CRC2 LP clip. Use caution to ensure the framing screws do not contact the springs.
- Allow for 1/2" deflection after the second layer of gypsum board has been installed.
- At the perimeter, the distance between the wall and first support for the drywall shall be 8" or less.

RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

RSIC-SI-CRC2 LP INSTALLATION GUIDE

Height Adjustment:

- The Pre-Calibration of the RSIC-SI-CRC2 LP clip is designed to deflect only 1/2" from its pre-loaded (pre-set) position after the 2nd layer of gypsum board has been installed.
- To adjust the ceiling height move the CRC channel up or down on the side flange of the RSIC-SI-CRC2 LP clip.



Ceilings:

- Install PAC perimeter tape at the finished height of the gypsum board ceiling.
- Install the gypsum board to the drywall furring channel leaving a 1/8" to 1/4" gap around the perimeter of the entire ceiling.
- Caulk around the entire perimeter of the ceiling wall intersection.
- Use fire and smoke rated acoustical sealant where required.
- The RSIC-SI-CRC2 LP is recommended with a minimum of 2 layers of 5/8" gypsum board or equal mass

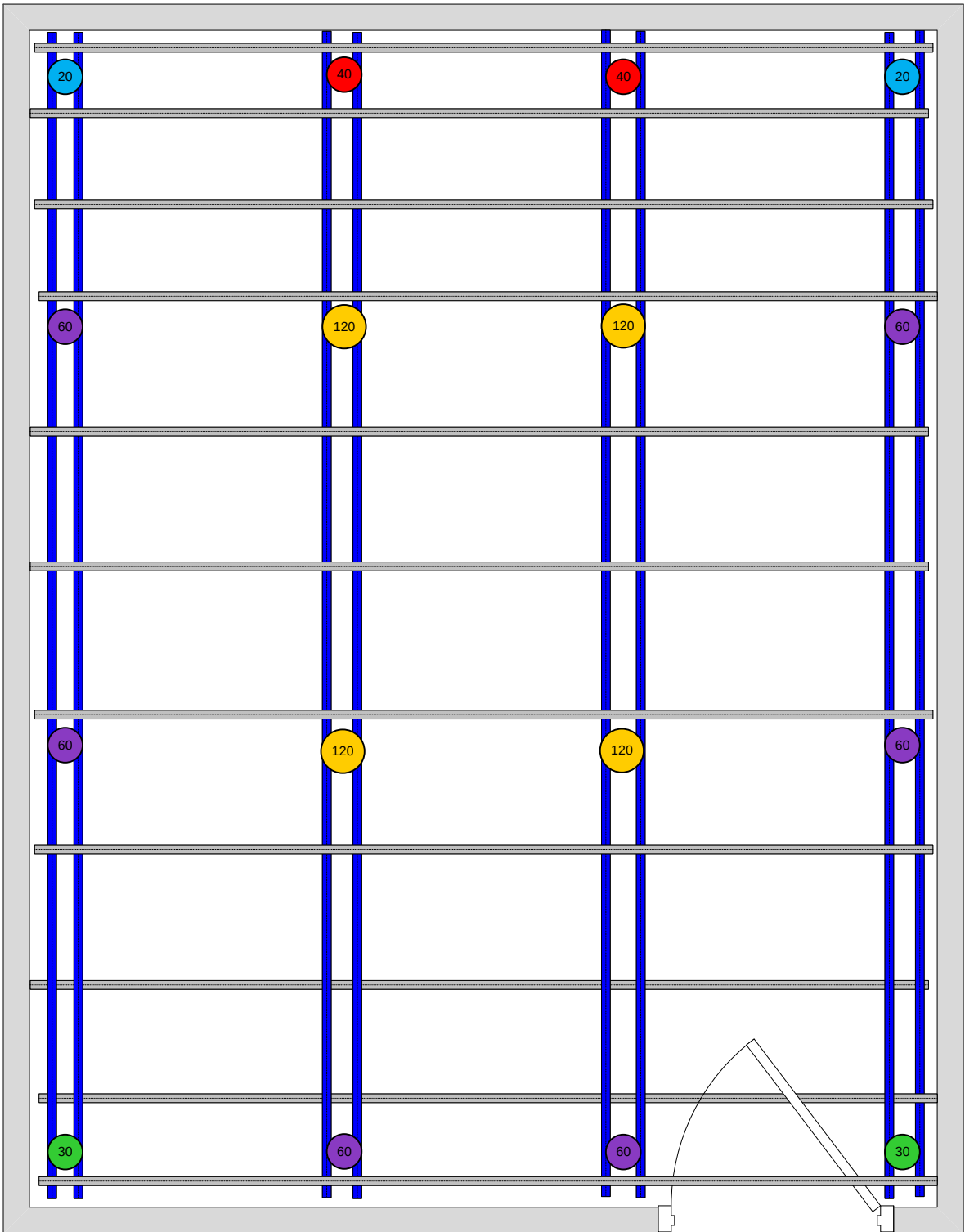
General Information:

- Resilient Sound Isolation Clip Spring Isolator Low Profile (RSIC-SI-CRC2 LP), furring channel (hat track) and gypsum board shall may carry additional loads such as Projectors, HVAC Ducting, Curtains, etc.
- For additional items use additional RSIC-SI-CRC2 LP, or alternate isolation clips specifically designed for that purpose, as specified by PAC International in the project detailed drawings.
- Splice furring channel (hat track) with 6 inch overlap, 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.

RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

RSIC-SI-CRC2 LP Sample Layout

RSIC-SI-CRC2 LP CLIPS @ 72" OC.
DRYWALL FURRING CHANNEL @ 24" OC.



- 4 ea
- 6 ea
- 2 ea
- 2 ea
- 2 ea

Cold Rolled Channel

25 Ga. Drywall Furring Channel



**NOISE
CONTROL
SOLUTIONS**

REAL SOLUTIONS IN CONSTRUCTION

LEED Analysis
RSIC-SI-CRC2 LP

Recycled Content

PAC International's RSIC-SI-CRC2 LP does not contain significant recycled content.

Fabrication Location

The RSIC-SI-CRC2 LP is manufactured in Taiwan.

Material Source

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



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

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.



**World Leader in
Noise Control
Solutions**

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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.

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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.

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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