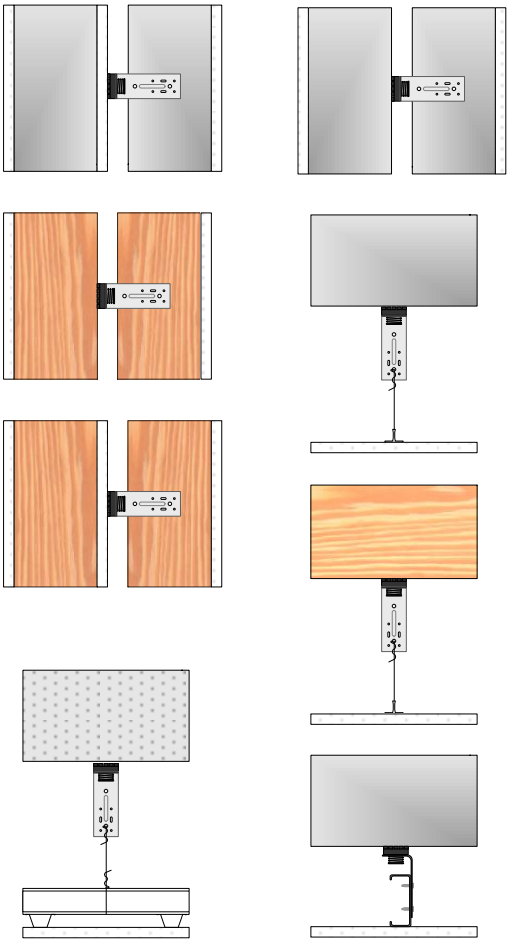
PAC PRO SERIES

RSIC-DC04

The **RSIC-DC04** series is a universal and versatile product line. The most common use is decoupling wall framing and ceiling systems.. The RSIC-DC04 can be used in new construction or retrofit. The RSIC-DC04 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-DC04 series of noise control clips**:** Dropped ceiling, decoupled brace or resilient connector for isolating walls, speaker mount isolators, exhaust/vent fan isolators, recessed lighting cover box isolators, projector mount isolators, electrical box, ceiling fan isolators, garage door motor isolation, and garage door rail isolation just to name a few.



Wood	Concrete
Steel	Condo
Metal deck	Commercial
Apartment	Recording Studio
Retail	Home Theater
Conference Rooms	Commercial theater

RSIC-DC04 specifications:	
Acoustical design load:	36 Lbs
Total deflection	3 mm
Double deflection	Yes (1.5 mm)
Made with Recycled content	Yes
Low VOC treated	Yes
Adjustable	4" screw flange
Cavity min	1/2”
Cavity Max	4-1/2"
Adjustment limit	4"
Use on Ceilings	Yes
Use on walls	Yes
New Construction	Yes
Retro Fit	Yes
Assembled In USA	Yes

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

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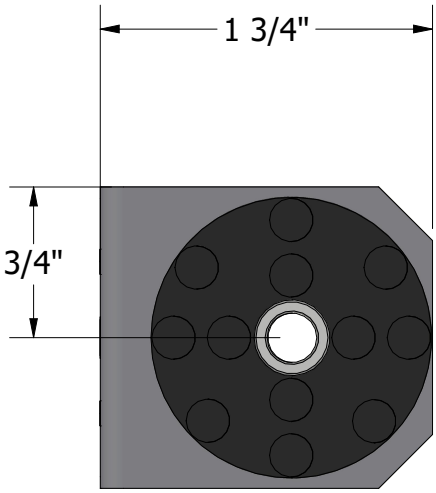

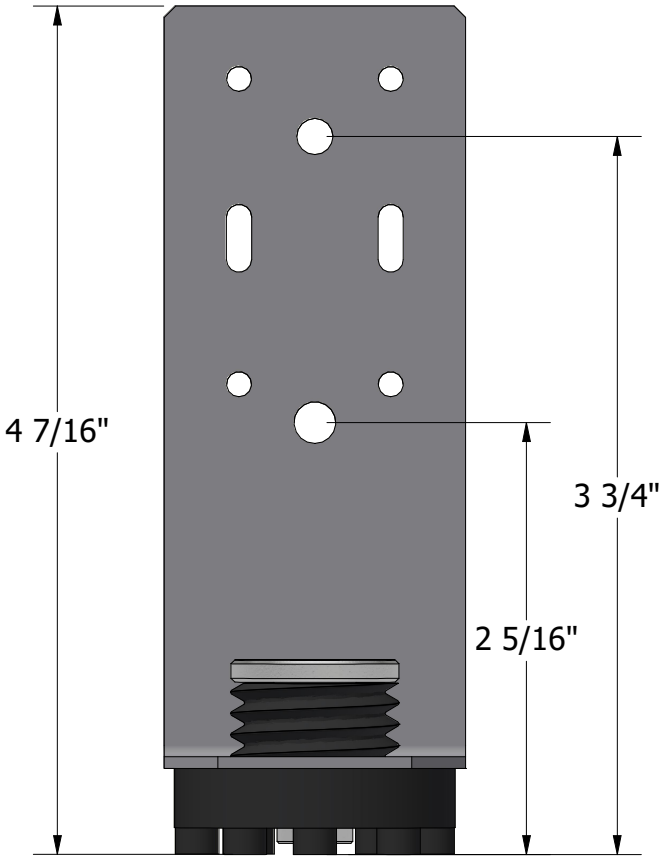

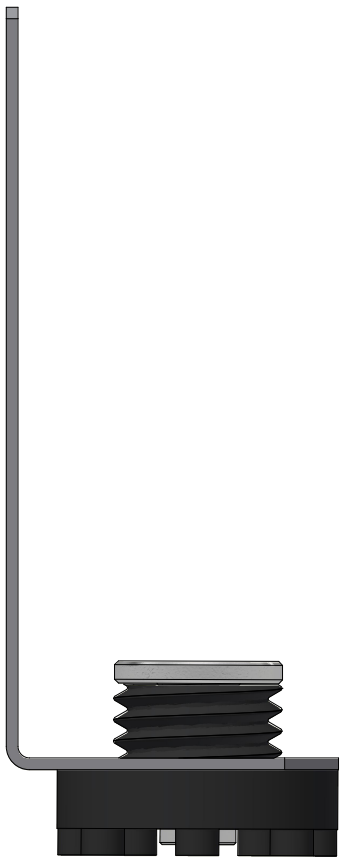

RSIC-DC04	
2/3/2023	
SCALE 1 : 1	

PAC International

World Leader in Noise Control Solutions

RSIC-DC04 INSTALLATION GUIDE

RSIC-DC04 SOUND ISOLATION CLIP

RSIC-DC04

WOOD – STEEL - CONCRETE

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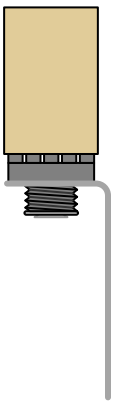
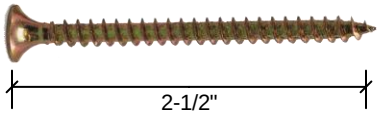
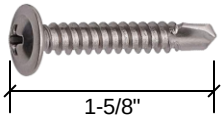
RSIC-DC04 SOUND ISOLATION CLIP





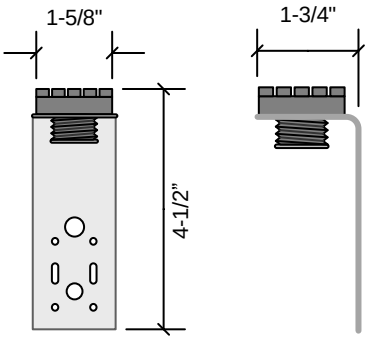


RSIC-DC04 Isolator Spacing and Load:

- **Maximum Acoustical Design Load:** 36 lbs Per Isolator.
- **Maximum Spacing Allowed:** 48" x 48" oc.
- **Deflection:** 0.236"(6mm) @ 36lbs

Approved Fasteners:

- **RSIC-DC04 to Wood:** #8 x 2-½ inch minimum size coarse thread screw. (Recommended #12 or #10 x 2-½" hex head)
- **RSIC-DC04 to Steel**: #8 x 1-5/8" minimum size fine thread screw. Recommended #12 or #10 x 1-5/8" hex head)
- **RSIC-DC04 to Concrete:** Minimum 120lbs Ultimate, Sheer and Pullout, or fastener with equal load capabilities
- 3/16" x 2" Drive Spike
- 3/16" x 2-½" Tapcoon
- DO NOT fasten Resilient Sound Isolation Clips (RSIC-DC04) to framing members with nails. Use only with approved fasteners.



RSIC-DC04 Dimensions:

- RSIC-DC04 clip 4-½" tall
- RSIC-DC04 clip 1-5/8" wide
- RSIC-DC04 clip 1-¾" Deep

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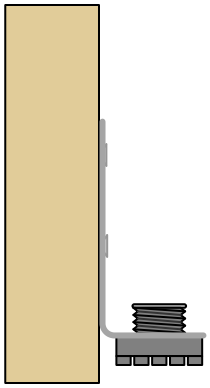
RSIC-DC04 SOUND ISOLATION CLIP



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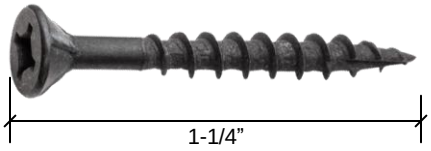
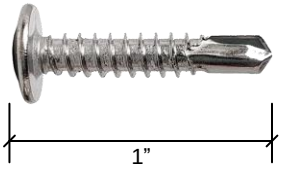
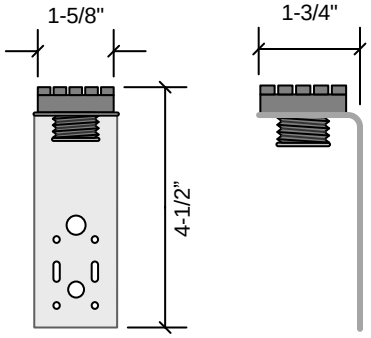




Approved Fasteners:

- **RSIC-DC04 to Side of Wood:** 2 ea #6 x 1-¼” minimum coarse thread screw
- **RSIC-DC04 to Steel:** 2 ea #8 x 1" minimum fine thread screw.
- DO NOT fasten Resilient Sound Isolation Clips (RSIC-DC04) to framing members with nails. Use only approved fasteners



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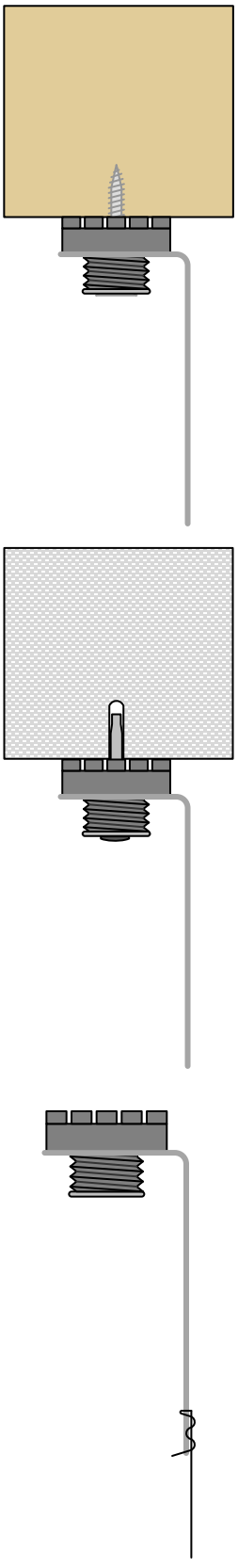
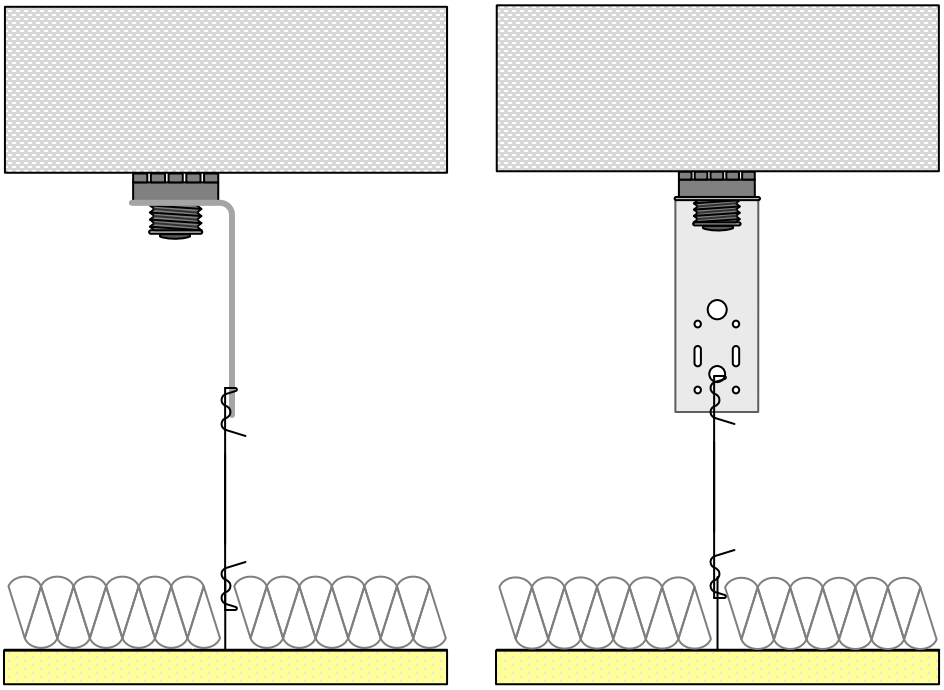
RSIC-DC04 SOUND ISOLATION CLIP



Ceilings: Wood or Steel Framing.

- Resilient Sound Isolation Clip (RSIC-DC04) shall be Maximum 48 inches by 48 inches on center maximum.
- Fasten the Resilient Sound Isolation Clip (RSIC-DC04) to the structure members with approved fasteners.
- Ensure the internal metal ferrell is tight to the framing member.
- Locate the first and last row of RSIC-DC04 clips within 8 inches from the wall.
- Min. 12 Ga annealed hanger wire tied through the existing 1/4" hole in the vertical leg of the RSIC-DC04 clip.
- When using tie wire attached to the RSIC-DC04 clip to hang a drywall grid ceiling follow the installation instruction provided by the manufacturer of the grid ceiling system.



General Information:

- Resilient Sound Isolation Clip (RSIC-DC04) ceiling system shall not carry heavy loads such as cabinets or bookshelves
- 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 clips to a steel stud the minimum allowable thickness of the steel stud is 20 Ga. (0.030).

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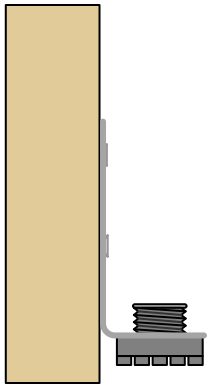
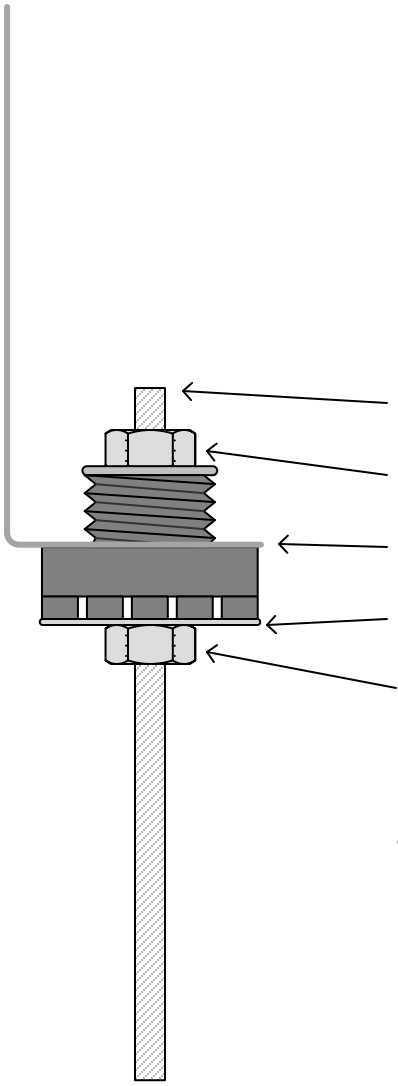
RSIC-DC04 SOUND ISOLATION CLIP

Wood or Steel Framing



Ceilings: Wood or Steel Framing.

- Resilient Sound Isolation Clip (RSIC-DC04) shall be spaced to support 36 lbs maximum.
- Fasten the Resilient Sound Isolation Clip (RSIC-DC04) to the structure members with 2 (min) approved fasteners.
- Ensure the clip is tight to the framing member.
- Locate the RSIC-DC04 clips within 8 inches from the wall.
- 1/4” threded rod secured through the internal ferrule of the RSIC-DC04 clip with nuts and a fender washer to support the large side of the RSIC-DC04 clip rubber section.



- 1/4x20 Threaded rod
- 1/4x20 Nylock Nut
- RSIC-DC04
- 1/4” x 1-1/2” Fender washer
- 1/4 x 20 nut

General Information:

- Resilient Sound Isolation Clip (RSIC-DC04) ceiling system shall not carry heavy loads such as cabinets or bookshelves
- 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 clips to a steel stud the minimum allowable thickness of the steel stud is 20 Ga. (0.030).

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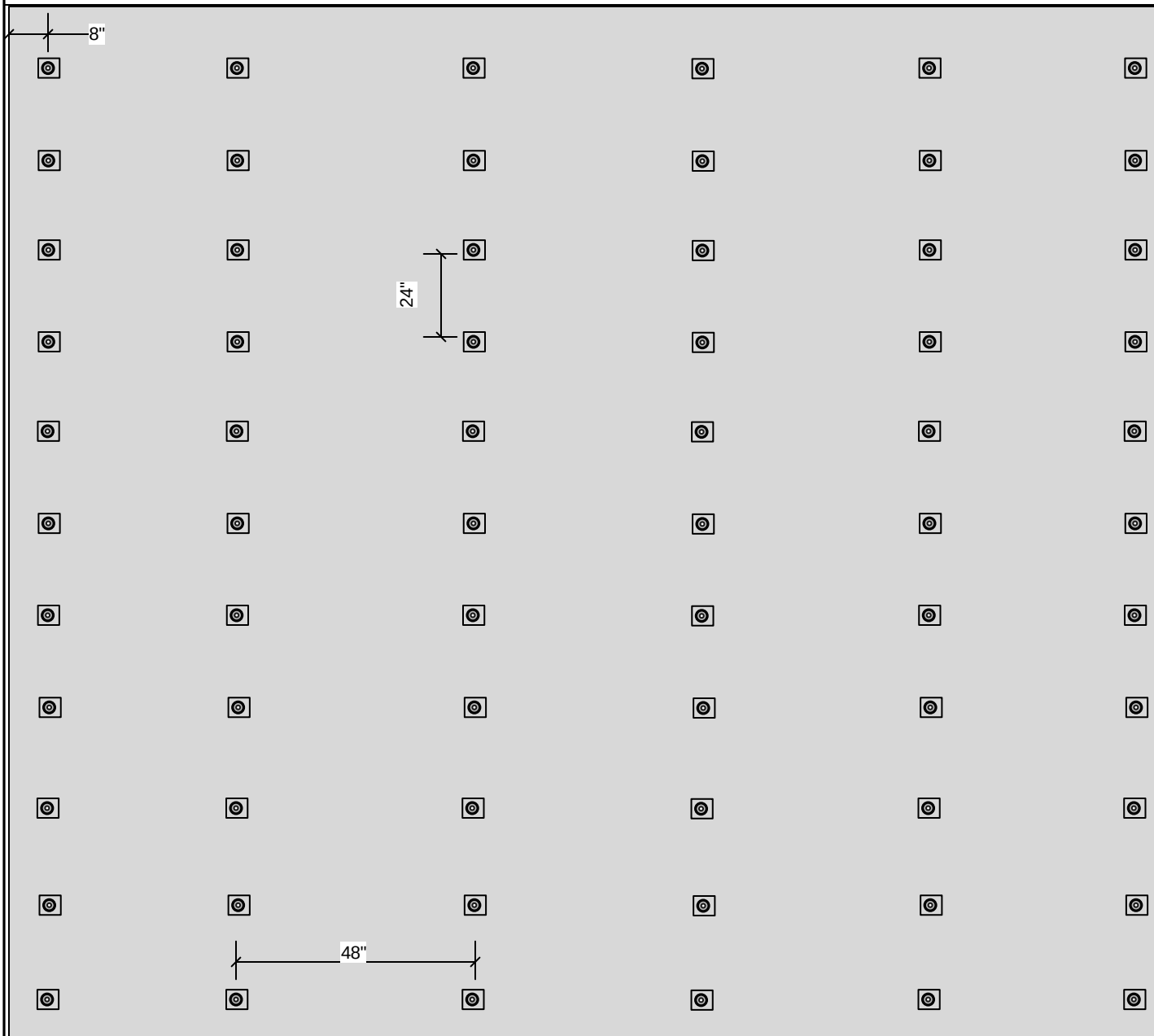
RSIC-DC04 SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR CEILING, WOOD, STEEL, OR CONCRETE.

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-DC04) FOR 2 LAYERS 5/8" GYPSUM BOARD TYPE C

RSIC-DC04 CLIPS AT 24" x 48" OC.



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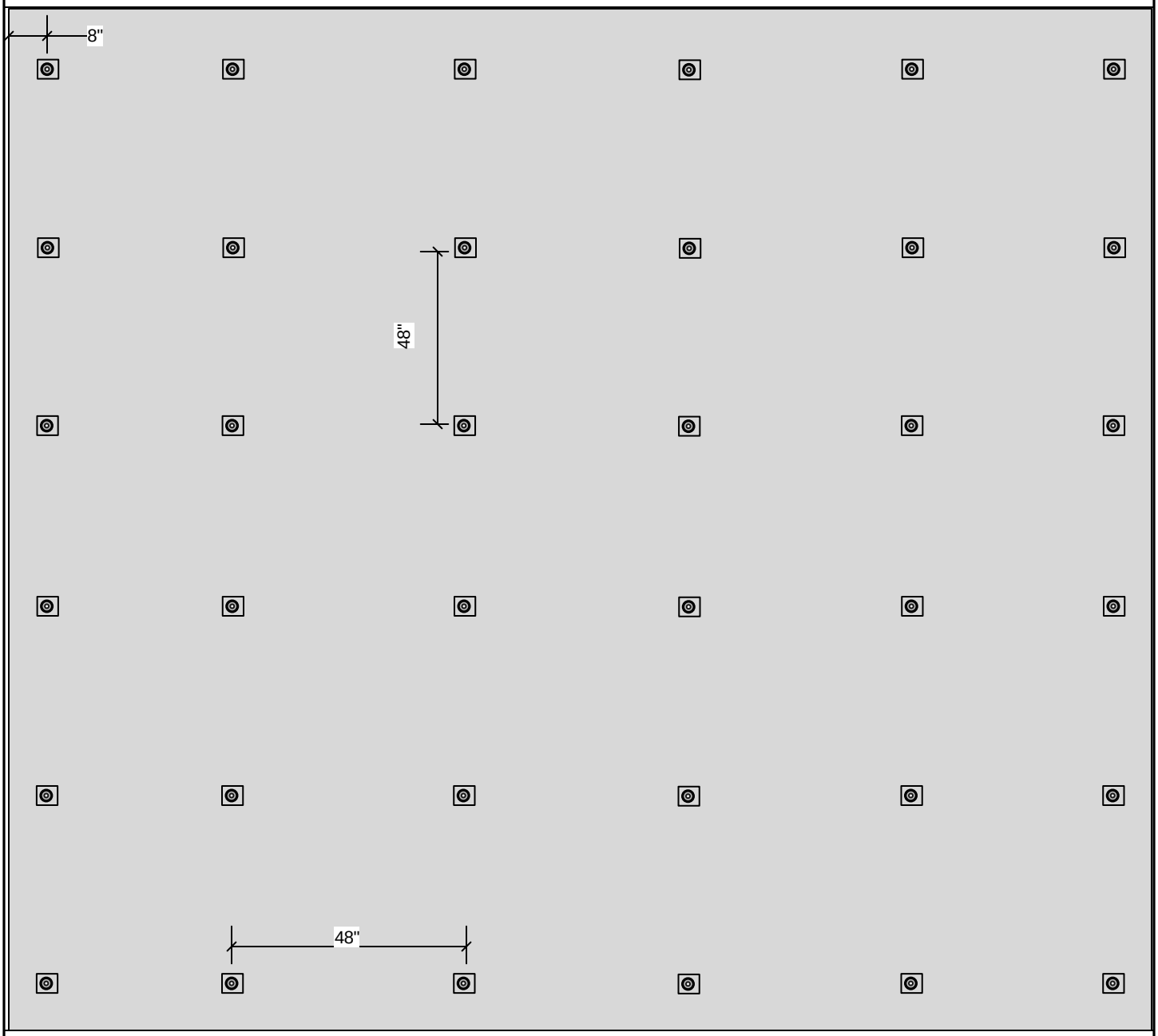
RSIC-DC04 SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR CEILING, WOOD, STEEL, OR CONCRETE.

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-DC04) FOR 1 LAYER 5/8" GYPSUM BOARD TYPE C

RSIC-DC04 CLIPS AT 48" x 48" OC.



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LEED Analysis
RSIC-DC04

Recycled Content

PAC International's RSIC-DC04 does not contain signification recycled content.

Fabrication Location

The RSIC-DC04 is manufactured in China

Material Source

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

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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 CRF 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.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.

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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 OR 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

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