



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

123 Columbia Court North • Suite 201 • Chaska, MN 55318

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**We Identify and S.T.O.P. Your Noise Problem**

Acoustical Surfaces, Inc.  
A Master Distributor for  
PAC INTERNATIONAL, INC.

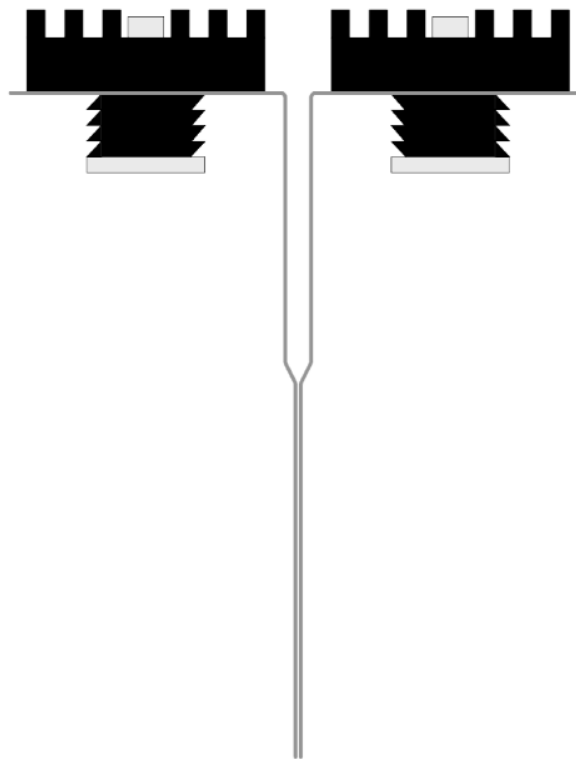


## RSIC-DC04X2 INSTALLATION GUIDE

### RSIC-C04X2 Sound Isolation Clip

# RSIC-DC042X

## WOOD - STEEL - CONCRETE





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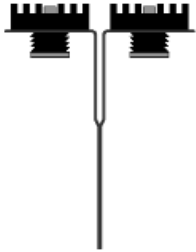
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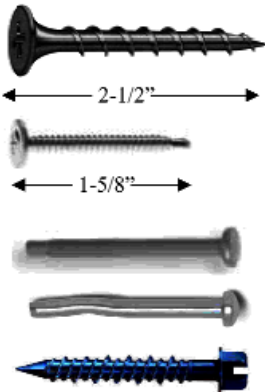
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## RSIC-DC04 Sound Isolation Clip



### **RSIC-DC04X2 Isolator Spacing and Load:**

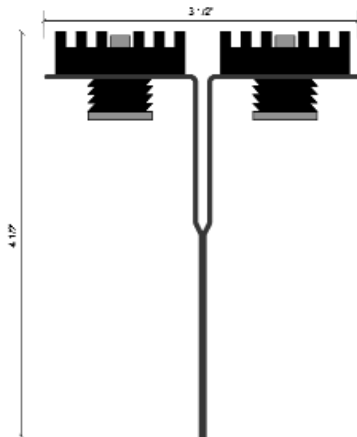
- Maximum Acoustical Design Load: 72 lbs. per isolator.
- Maximum Spacing allowed: 48" x 48" oc.



### **Approved Fasteners:**

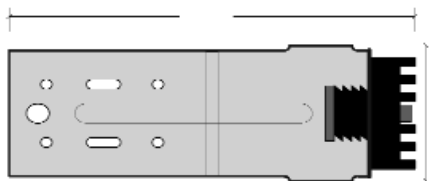
- RSIC-DC04X2 to Wood : #8 x 2-1/2 inch minimum size coarse thread screw. (Recommended #12 or #10 x 2-1/2 inch hex head).
- RSIC-DC04X2 to Steel: #8 x 1-5/8 inch minimum size fine thread screw. (Recommended #12 or #10 x 2-5/8 inch hex head).
- RSIC-DC04X2 to Concrete: 3/16" x 2" drive spike, 3/16" x 2" tapcon, 3/16" x 2" bent spike, or fastener with equal load capabilities (Minimum 120 lbs. Ultimate, Sheer and Pullout).

**DO NOT** fasten Resilient Sound Isolation Clips (RSIC-DC04X2) to framing members with nails. Use only approved fasteners.



### **RSIC-CWB Dimensions:**

- RSIC-DC04X2 Clip 4-1/2" tall
- RSIC-DC04X2 Clip 1-3/4" wide
- RSIC-DC04X2 Clip 3-1/2" deep





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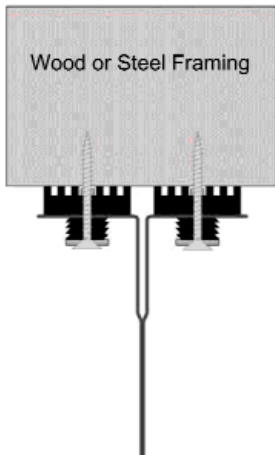
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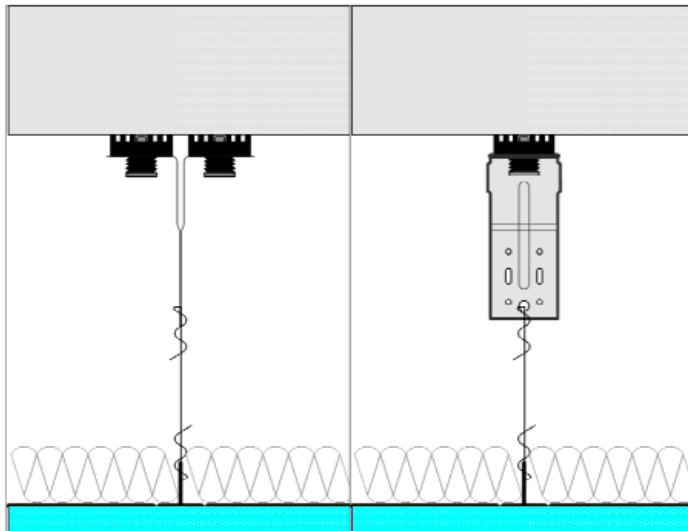
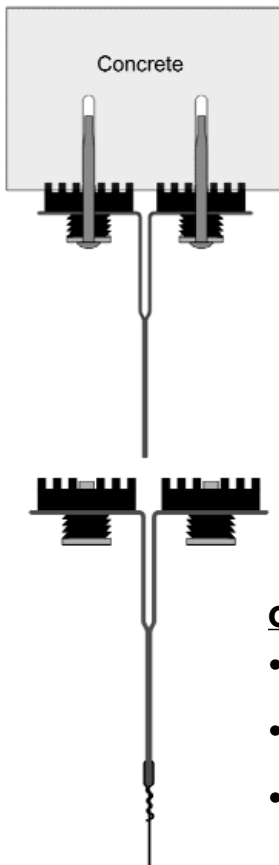
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## RSIC-DC04X2 Sound Isolation Clip



### Walls: Wood or Steel Framing.

- Resilient Sound Isolation Clip (RSIC-DC04X2) shall be 48 inches by 48 inches on center maximum.
- Fasten the Resilient Sound Isolation Clip (RSIC-DC04X2) 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-DC04X2 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-DC04X2 clip.
- When using tie wire attached to the RSIC-DC04X2 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-DC04X2) 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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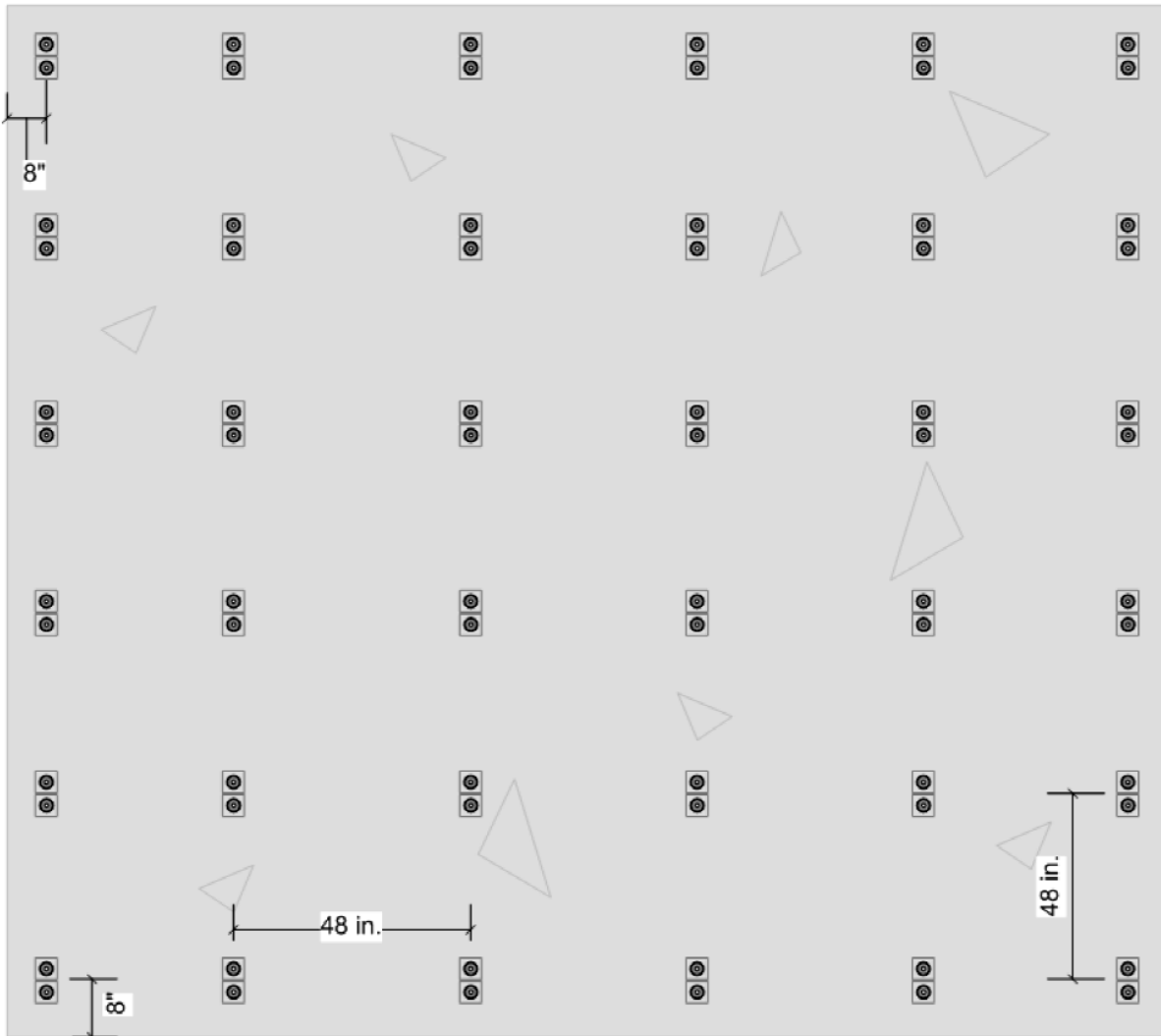
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## RSIC-DC04X2 Sound Isolation Clip

### APPLICATION RECOMMENDATIONS FOR CEILINGS, WOOD, STEEL, OR CONCRETE

*Installing Resilient Sound Isolation Clips (RSIC-DC04X2)*

### RSIC-DC04X2 CLIPS AT 48" X 48" OC.





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## RSIC-DC04 Sound Isolation Clip



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