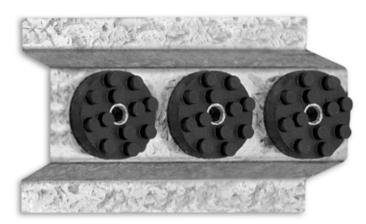


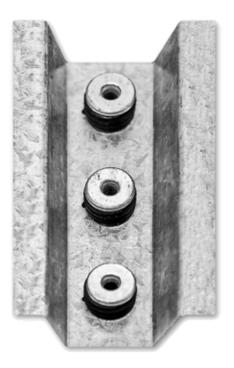
# Installation Guide

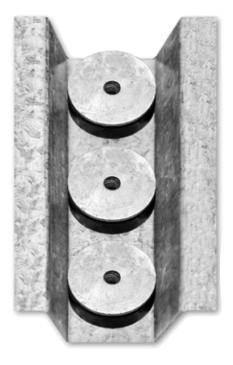
## Resilient Sound Isolation Clip RSIC-1 Backer

The following installation instructions are given as a general guide to avoid common errors. Installer should follow best practices for construction and workmanship. Acoustical Solutions bears no responsibility for installation or contractor selection. Please contact a sales representative if you have questions, concerns or specific project requirements.

Be sure to inspect materials upon delivery. Please note any damage on the delivery ticket and notify Acoustical Solutions immediately. Materials should be stored in original packing in a clean, climate controlled environment free of moisture. Installation should not commence until building is enclosed and under standard occupancy conditions and surfaces are of acceptable condition and properly prepared. Do not install materials of unacceptable quality.











### Resilient Sound Isolation Clip RSIC-1 Backer

	<ul> <li>Resilient Sound Isolation Clip (RSIC-1 BACKER)</li> <li>Spacing: maximum 48 inches on center</li> <li>Maximum acoustical design load: RSIC-1 BACKER 108 lbs RSIC-1 BACKER HD/DD 216 lbs</li> <li>RSIC-1 BACKER is designed for use with the RSIC-1 clip to support heavy loads</li> </ul>
	<ul> <li>RSIC-1 BACKER dimensions:</li> <li>RSIC-1 BACKER clip 3" wide</li> <li>RSIC-1 BACKER clip 6" long</li> <li>RSIC-1 BACKER clip 1-5/8" deep</li> </ul>
2-1/2" min 1-5/8" min 1/2" min	<ul> <li>Fasteners:</li> <li>RSIC-1 BACKER to wood: #8 x 2-1/2 inch min.</li> <li>RSIC-1 BACKER HD/DD to wood: #10 or #12 x 2-1/2 inch min.</li> <li>RSIC-1 BACKER to Steel: # 8 x 1-5/8 inch min.</li> <li>RSIC-1 BACKER HD/DD to Steel: #10 or #12 x 1-5/8 inch min.</li> <li>Steel Track to RSIC-1 Backer: 1/2" min. pan head self drilling framing screw</li> <li>DO NOT fasten Resilient Sound Isolation Clips to framing members with nails. Use only approved screws.</li> </ul>
	<ul> <li>Steel Track:</li> <li>Minimum requirements: 16 gauge Steel Track. Meets or exceeds SSMA min. requirements.</li> <li>Depth: 1-1/4 inch</li> <li>Width 6 inch wide.</li> </ul>
***	Average Labor Rates: RSIC-1 BACKER: 40 clips per man hour

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Installation Guide

### Resilient Sound Isolation Clip RSIC-1 Backer



#### **<u>RSIC-1 BACKER</u>** 108 Lb per isolator max load

RSIC-1 BACKER Clip fastens to the wall framing adding support to the RSIC-1 clip wall system for supporting heavy loads.



### <u>RSIC-1 BACKER HD/DD</u> 216 Lbs per isolator max load

RSIC-1 BACKER HD/DD Clip fastens to the wall framing adding support to the RSIC-1 clip wall system for supporting heavy loads.

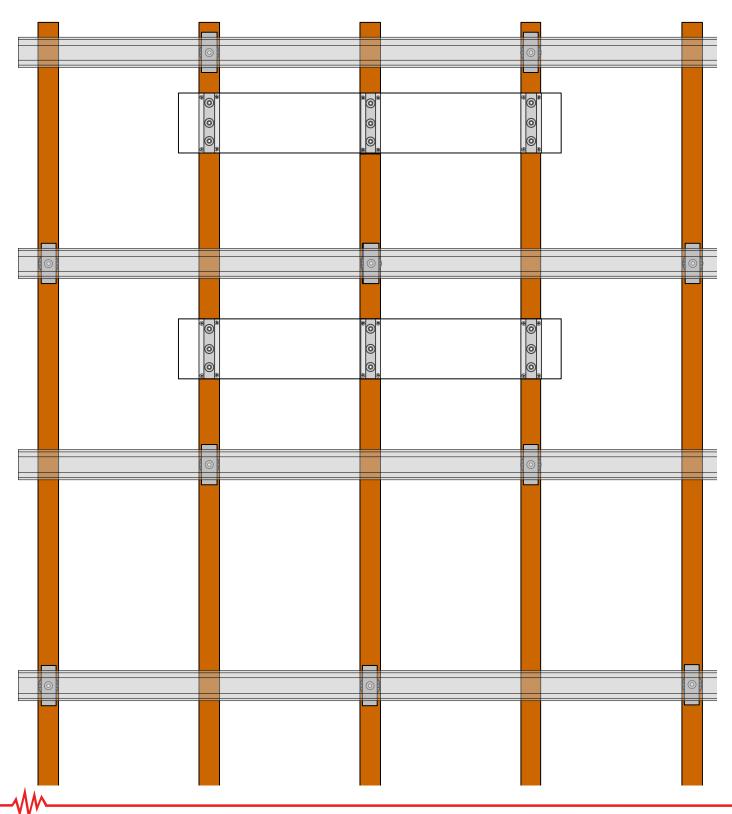
### <u>Walls:</u>

- Resilient Sound Isolation Clip (RSIC-1 BACKER) shall be on every stud
- Spacing not to be greater than 48 inches on center.
- Locate the areas where the additional support will be needed in the wall system. Make a note on the plans referencing the location of each RSIC-1 BACKER and the steel track for mounting the additional items to the wall after the gypsum board is installed.
- Fasten the Resilient Sound Isolation Clip (RSIC-1 BACKER) to the framing using a fastener ensuring all of the RSIC-1 BACKER clips are in the same horizontal plane
- Fasten the steel track to the RSIC-1 BACKER using 4 ea framing screws per RSIC-1 BACKER.



Installation Guide

## Resilient Sound Isolation Clip RSIC-1 Backer

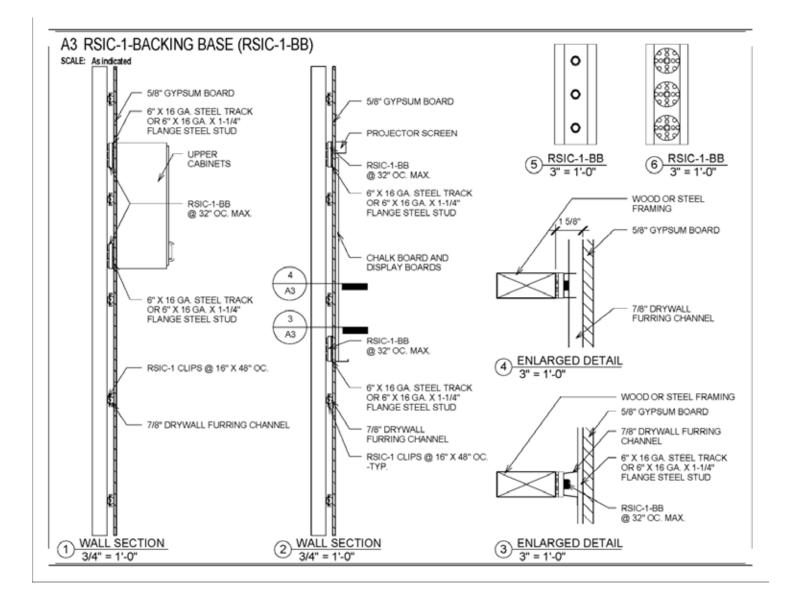


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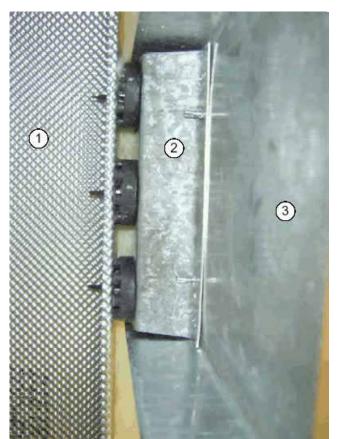
### Resilient Sound Isolation Clip RSIC-1 Backer





# Installation Guide

### Resilient Sound Isolation Clip RSIC-1 Backer



- 1. Steel framed wall
- 2. RSIC-1 Backer
- 3. 6" C channel track
- 4. RSIC-1 clips and Hat Channel

RSIC-1 Backer installed to steel stud framed wall. 6" C channel (Steel track) screwed to RSIC-1 Backer.



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## Resilient Sound Isolation Clip RSIC-1 Backer

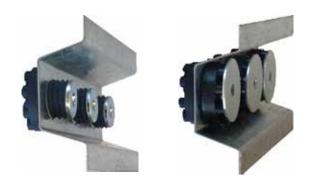


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### **Resilient Sound Isolation Clip RSIC-1 Backer**



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