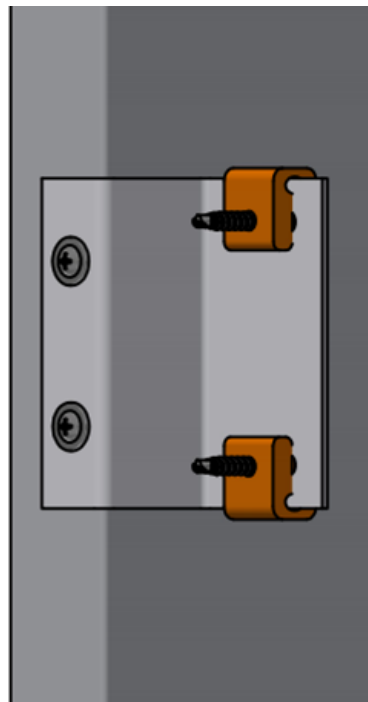
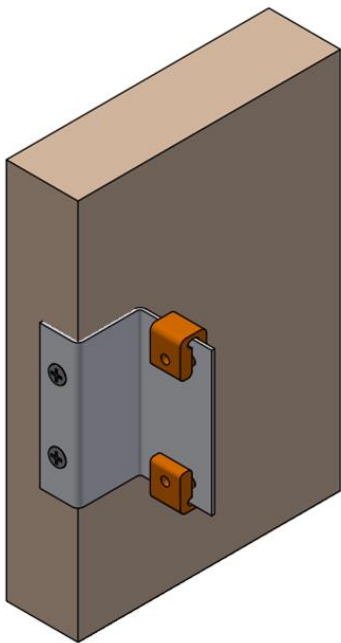


PAC-RCB (RESILIENT CHANNEL BACKER)

PAC-RCB INSTALLATION GUIDE



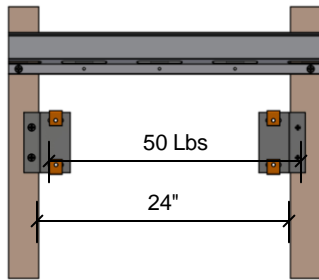
PAC-RCB



The PAC-RCB is designed for use with all resilient channel wall systems where support is needed for heavy loads like cabinets, bookshelves, headboards, shelving, etc. The PAC-RCB provides a sturdy mounting location that maintains the acoustic isolation provided by the resilient channels.

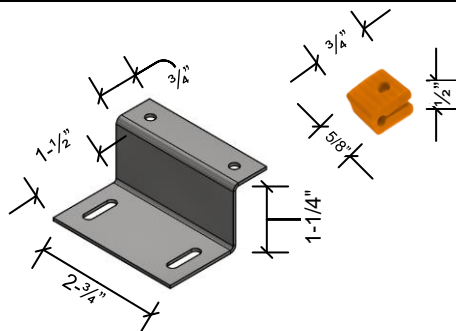
PAC-RCB (RESILIENT CHANNEL BACKER)

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PAC-RCB (Resilient Channel Backer)

- 24 inches on center maximum
- Maximum acoustical design load:
 - PAC-RCB 25 lbs. per bracket and 50 lbs. per pair
 - PAC-RCB is designed for use with Resilient Channel to support heavy loads like cabinets, bookshelves, headboards, shelving, etc.



PAC-RCB Isolator dimensions:

- 2 ea 1/2" Tall x 5/8" Wide x 3/4" Deep

PAC-RCB dimensions:

- PAC-RCB clip 1-1/2" wide
- PAC-RCB clip 2-3/4" long
- PAC-RCB clip 1-1/4" Tall



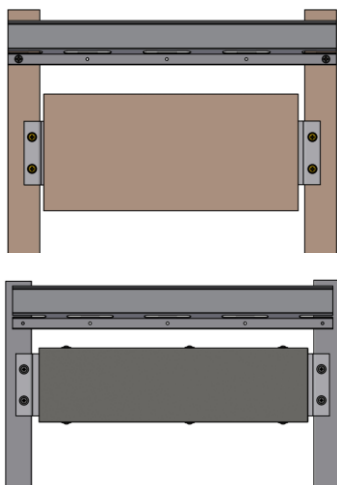
PAC-RCB Wood screw



PAC-RCB Steel screw

Fasteners:

- PAC-RCB to blocking:
 - Wood - #7 x 1-5/8" wood screw (provided by PAC)
 - Steel - #8 x 1-1/4" self-drilling steel screw (provided by PAC upon request)
- PAC-RCB to framing:
 - Wood - #6 x 1-1/4" wood screw (by others)
 - Steel - #7 x 9/16" steel screw (by others)
- DO NOT fasten PAC-RCB to framing members or blocking with nails. Use only approved screws.



Blocking (Provided by Others)

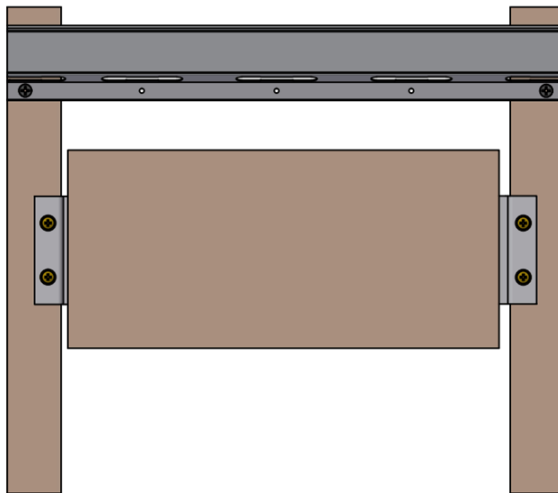
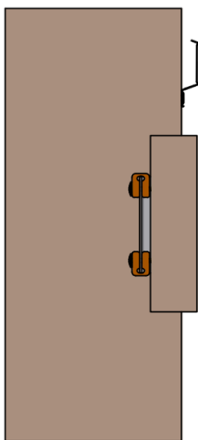
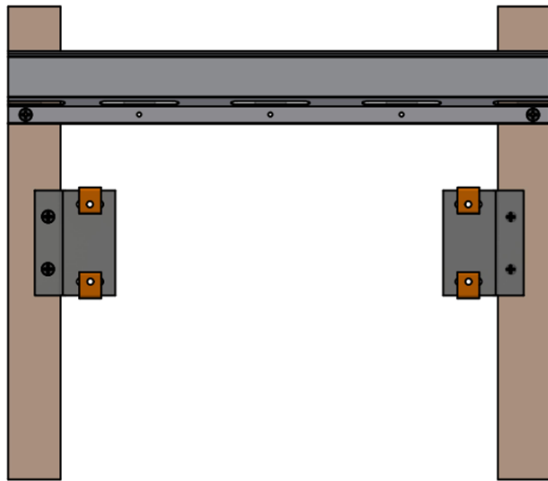
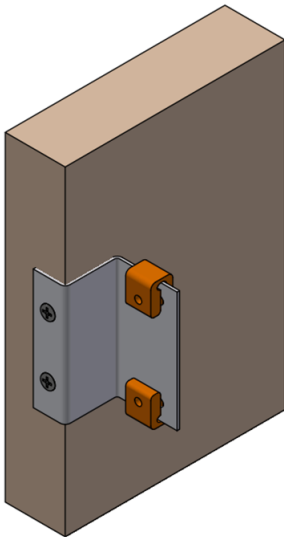
- Wood framing: use min. 2x4 wood cut to width between framing minus 1"
- Steel framing: use min. 20 gauge x 3-1/2" steel stud and track cut to width between framing minus 1"
- Nest stud into track and screw together with framing screws. The stud and track should form a box beam that is 1/2" proud of the PAC-RCB bracket so that the face of the box beam is flush with the resilient channel when installed on the wall.

PAC-RCB (RESILIENT CHANNEL BACKER)

PAC-RCB INSTALLATION GUIDE

Wood Walls:

- Measure the gap between the framing and cut the backer/blocking (2x4 wood) 1" shorter to allow for a 1/2" gap on each end.
- Set the PAC-RCB rubber isolators to line up with the slotted holes in the PAC-RCB metal bracket.
- Insert the provided wood screws through the PAC-RCB rubber isolators and metal bracket and screw them into the wood backer.
- Tighten each screw until the head of the screw just touches the rubber isolator. A specially designed depth stop for drywall screw guns is available upon request.
- Mount the complete PAC-RCB system to the framing using #6 x 1-1/4" screws (provided by others). These screws should be tight.
- Repeat in each stud bay where items will be mounted.
- For cabinets, install backers at top and bottom of upper cabinets and top of lower cabinets for a total of 3 PAC-RCB pairs (6 brackets) per stud bay.

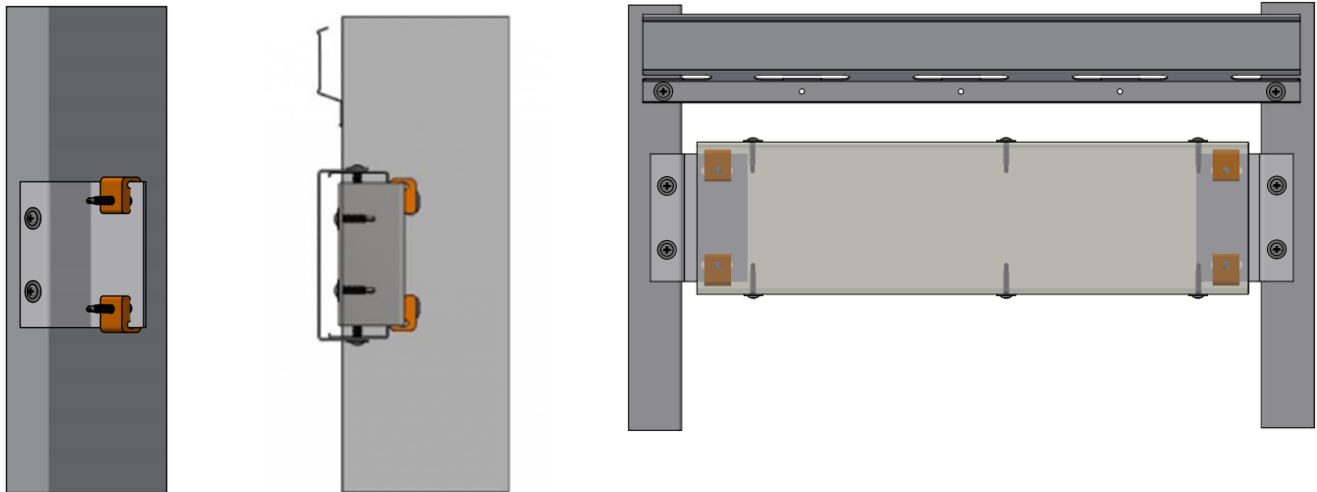


PAC-RCB (RESILIENT CHANNEL BACKER)

PAC-RCB INSTALLATION GUIDE

Steel Walls:

- Measure the gap between the framing and cut the backer/blocking (steel stud and track) 1" shorter to allow for a 1/2" gap on each end.
- Set the PAC-RCB rubber isolators to line up with the slotted holes in the PAC-RCB metal bracket.
- Insert the provided steel self-drilling screws through the PAC-RCB rubber isolators and metal bracket and screw them into the steel track.
- Tighten each screw until the head of the screw just touches the rubber isolator. A specially designed depth stop for drywall screw guns is available upon request.
- Slip the cut section of steel stud into the steel track and fasten on top and bottom with a minimum of 3 screws each (minimum of 6 screws total). This can be done before or after the track is mounted to the PAC-RCB system.
- Mount the complete PAC-RCB system to the framing using #7 x 9/16" screws (provided by others). These screws should be tight.
- Repeat in each stud bay where items will be mounted.
- For cabinets, install backers at top and bottom of upper cabinets and top of lower cabinets for a total of 3 PAC-RCB pairs (6 brackets) per stud bay.



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