

PAC
International

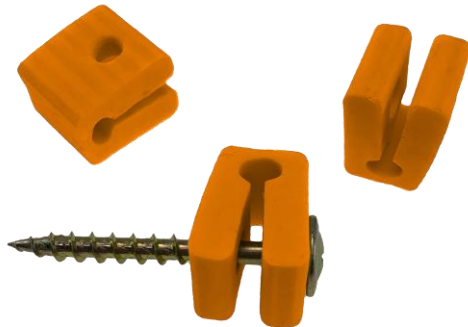
World Leader in
Noise Control
Solutions



RC-1 BOOST ® INSTALLATION GUIDE

RC-1 BOOST ®

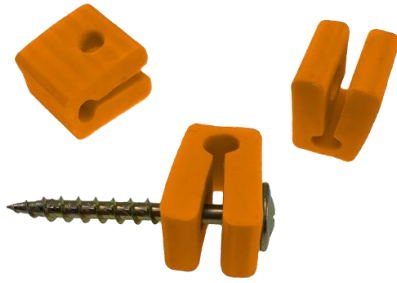
Wood Framed Walls and Ceilings



PAC International, LLC. Tel: (866) 774-2100 Web Site: www.pac-intl.com

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RC-1 Boost® is a registered Trade Mark

RC-1 BOOST® SOUND ISOLATION CLIP



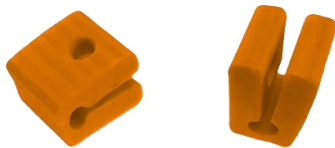
RC-1 Boost® Isolator Spacing and Load:

- **Maximum Acoustical Design Load:** 13.3 lbs
- **Maximum Spacing Allowed:** 24" x 16" oc.



RC-1 Boost® Fastener:

- **RC-1 Boost® to Wood:** Use supplied RC-1 Boost fastener.
- **DO NOT** fasten RC-1 Boost® to framing members with nails. Use only supplied fastener.



RC-1 Boost® Dimensions:

- RSIC-1 Boost Isolator 1/2" Tall
- RSIC-1 Boost Isolator 5/8" Wide
- RSIC-1 Boost Isolator 3/4" Deep



RC-1 Boost® Fire Rating:

- See UL.COM File number R16638 for approved designs

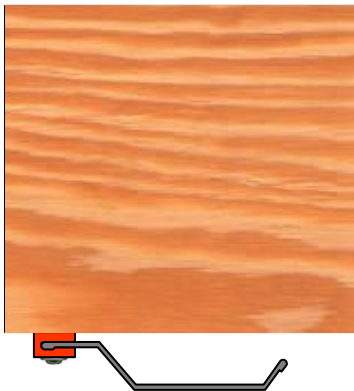
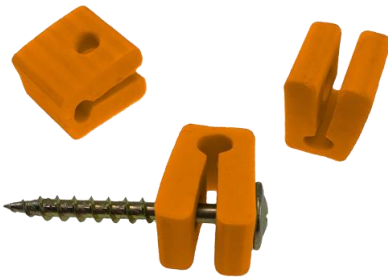
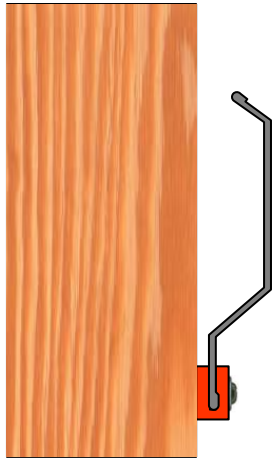
General Information:

Refer to www.UL.com, or www.pac-intl.com for complete installation details on all fire resistive assembly designs. Resilient Sound Isolator RC-1 Boost 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.

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WALLS: One and Two Layers of 5/8" Gypsum Board

- RC-1 Boost shall be 24 inches on center when framing is 16 inches on center, or 16 inches on center when framing is 24 inches on center.
- Place the RC-1 Boost over the RC-1 channel at the pre punched hole.
- Insert the screw through the RC-1 Boost and the pre punched hole in RC-1 channel.
- Fasten the RC-1 Boost to the framing with the fastener provided.
- RC-1 Boost is just touching the framing and screw head.
- Do not overtighten the RC-1 boost.
- Locate the first row of RC-1 channel with RC-1 Boost within 3 inches from the floor and within 6 inches from the ceiling.
- All RC-1 channels are to be facing the same direction.
- Place 1/4" (minimum) shim on floor to fully support the gypsum board.
- Install the gypsum board from the bottom up leaving a 1/4" min. gap around the perimeter of the wall.
- ONLY remove the shims after ALL the gypsum board is completely screwed to ALL the drywall furring channels. Make sure every screw (floor to ceiling and wall to wall) is installed as required by the assembly design, in every layer of gypsum board before removing the shims at the floor. The shims are critical to ensure best results.
- Caulk around the entire perimeter of the gypsum board. Use fire and smoke rated acoustical sealant where required.

Ceilings: One and Two Layers of 5/8" Gypsum Board

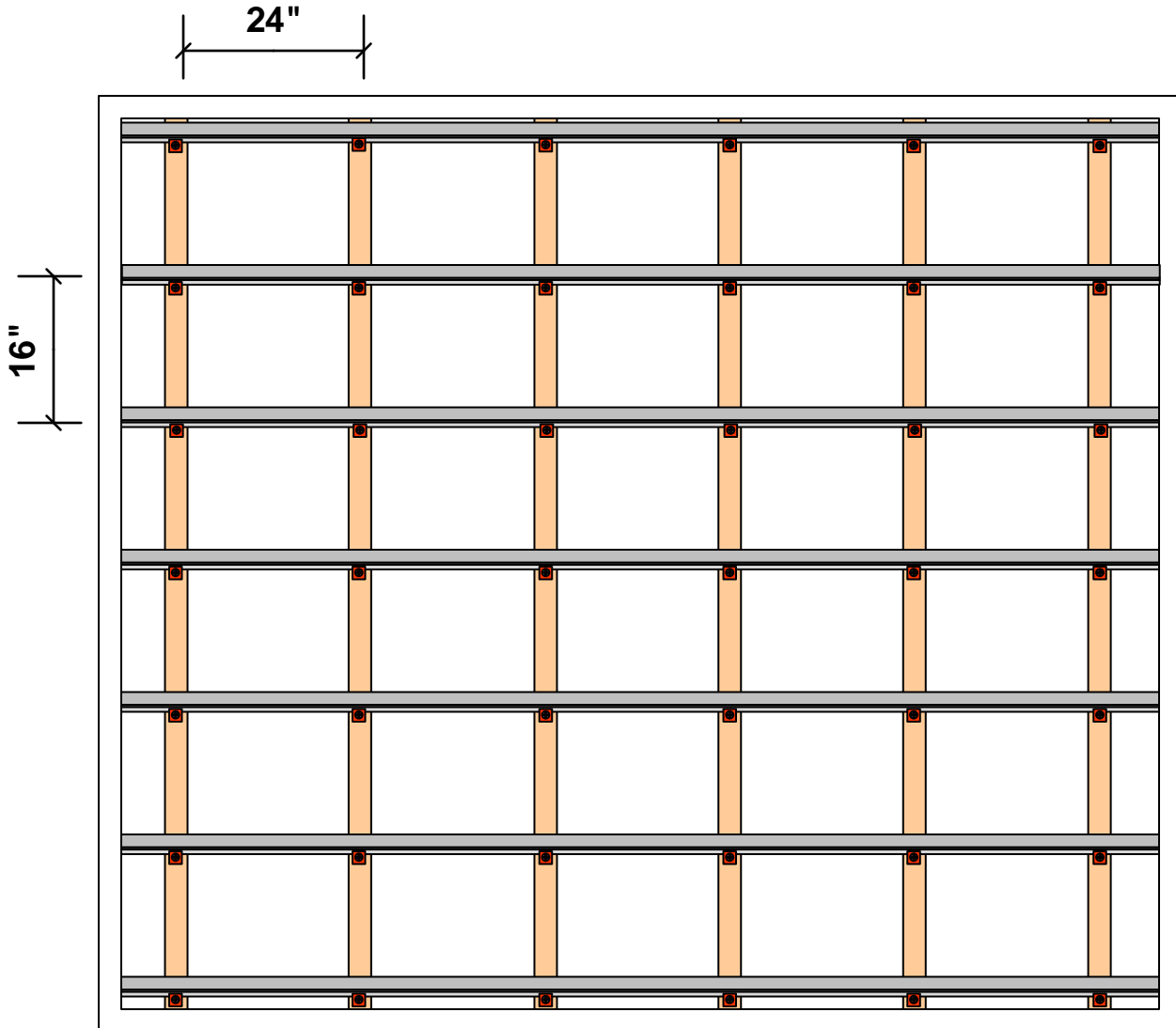
- RC-1 Boost shall be 24 inches on center when framing is 16 inches on center, or 16 inches on center when framing is 24 inches on center.
- Place the RC-1 Boost over the RC-1 channel at the pre punched hole.
- Insert the screw through the RC-1 Boost and the pre punched hole in RC-1 channel.
- Fasten the RC-1 Boost to the framing with the fastener provided.
- Ensure RC-1 Boost is touching the framing and screw head.
- Do not overtighten the RC-1 boost.
- All RC-1 channels are to be facing the same direction.
- Locate the first row of RC-1 channel with RC-1 Boost within 3 inches from the wall.
- Install the gypsum board leaving a 1/4" min. gap around the perimeter of the ceiling.
- Caulk around the entire perimeter of the gypsum board. Use fire and smoke rated acoustical sealant where required.

RC-1 BOOST® SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR
CEILING, WOOD OR STEEL FRAMING.

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RC-1 Boost®)

RC-1 Boost® @ 16" oc.
Framing @ 24" oc.



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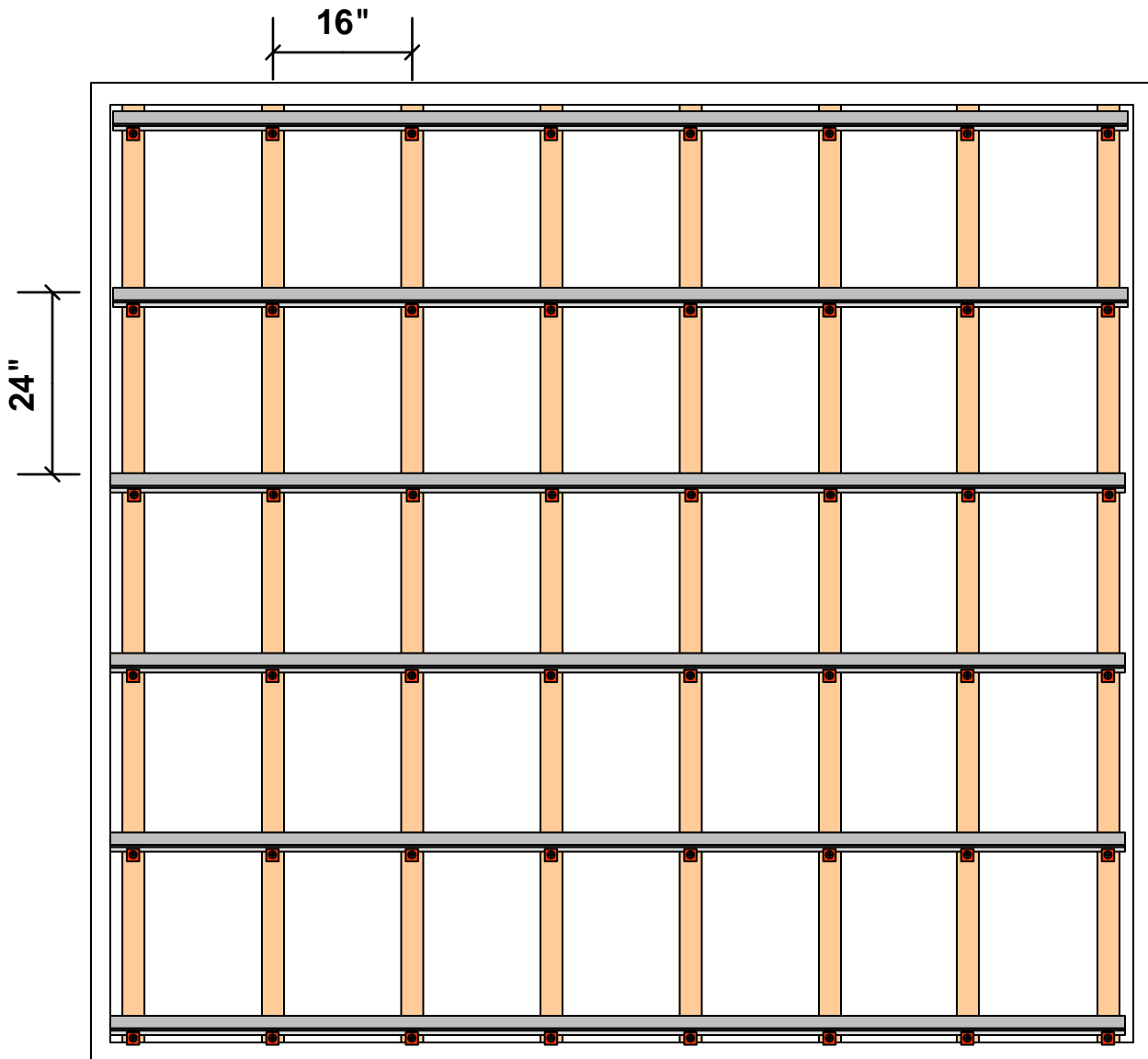
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RC-1 BOOST® SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR
CEILING, WOOD OR STEEL FRAMING.

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RC-1 Boost®)

RC-1 Boost® @ 24" oc.
Framing @ 16" oc.



Go to UL.com to verify spacing on your assembly

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