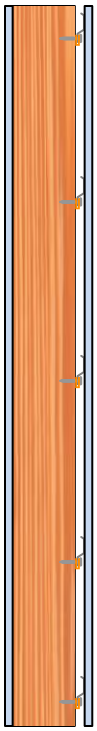
PAC International

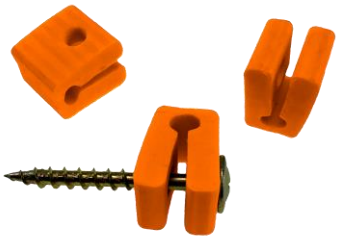
World Leader in Noise Control Solutions

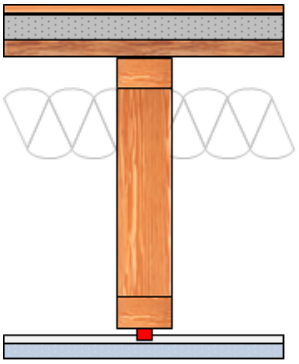
R16638

MADE IN USA

RC-1 Boost







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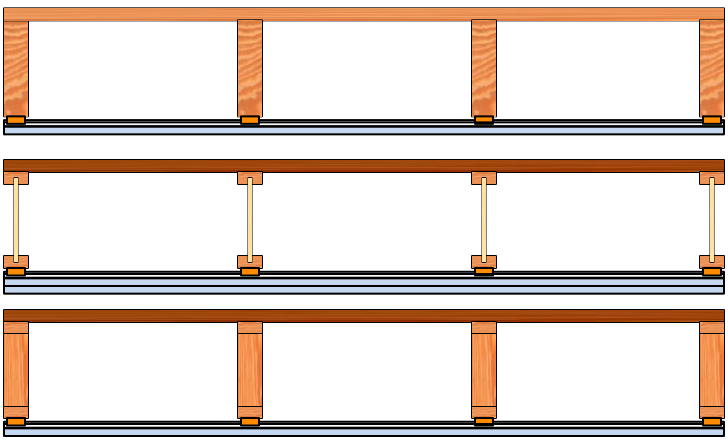

The **RC-1 Boost** is designed for use with any wood or steel application where noise control is required. This includes, wood framed or steel framed wall and ceiling systems. The RC-1 Boost product decouples the gypsum board from the structure, giving the assembly enhanced acoustical performance. With an Acoustical design load rating of 13.3 lbs per isolator, the RC-1 Boost clip can support up to two layers of 5/8" gypsum board when spaced no more that 16" x 24" oc. Final spacing of the RC-Boost isolators is determined by the UL Fire Resistive Design specifications. The RC-1 Boost clip Wraps around the screw edge of standard RC channel. The RC-1 Boost is screwed to the framing using the PAC International supplied RC-1 Boost Screw. No substitutions allowed. The RC-Boost decouples the gypsum board from the structure stopping STC and IIC vibrations from entering the space adjacent.

RC-1 Boost screw specifically designed to enhance the acoustical performance of the RC-1 Boost isolator. No substitutions allowed.

RC-1 Boost, A Low Cost, High Performance, Noise control Solution

Wood	Condo
Apartment	Recording Studio
Commercial	Home Theater
Conference Rooms	Commercial theater

RC-1 Boost specifications:	
Acoustical design load:	Up to 13.3 Lbs
Total deflection	1 mm
Double deflection	Yes (1 mm)
Low VOC	Yes
Adjustable	No
Cavity min	3/4"
Cavity Max	3/4"
Adjustment limit	N/A
Use on Ceilings	Yes
Use on walls	Yes
New Construction	Yes
Retro Fit	Yes
Assembled In USA	Yes

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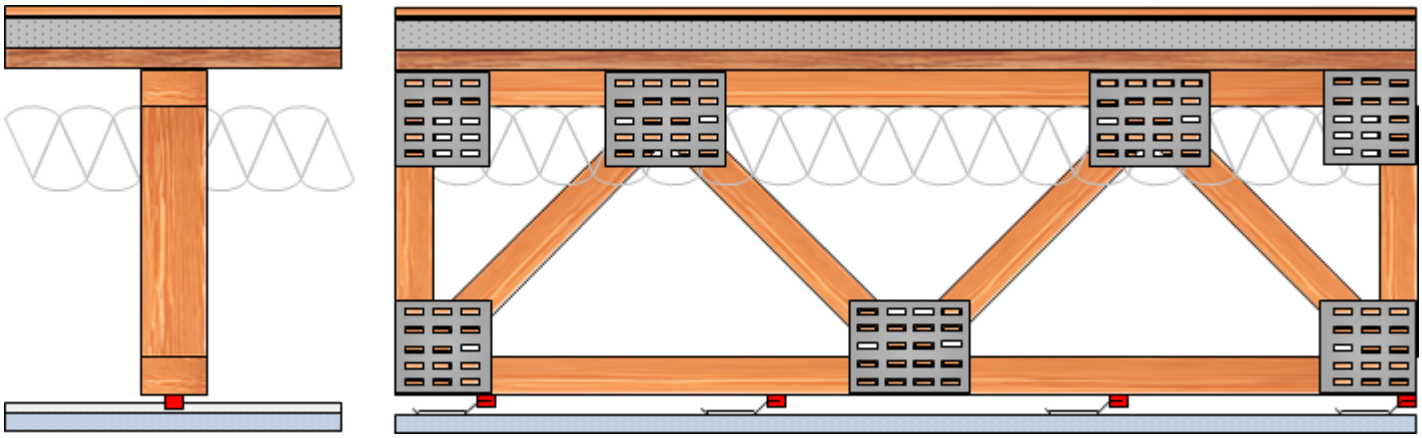
ONE HOUR FLOOR CEILING ASSEMBLY

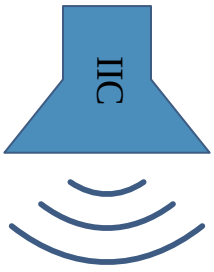
OPEN WEB WOOD TRUSS
Hardwood Flooring, LVT, Tile
RC Channel on RC-1 Boost

Assembly#: OWTRCBOOSTHW	RC-1 on RC-1 Boost



CONSTRUCTION

- Hardwood Flooring, LVT, Tile
- Ecore QT4002 2mm Rubber underlayment
- 3/4" Light Weight Gypsum Concrete Topping
- 3/4” Plywood
- 18" Open Webb Truss @ 24" oc.
- R-13 Fiberglass Insulation
- RC-1 Boost @16" x 24" oc.
- Dietrich RC-1 Pro @ 16" oc.
- 1 Layers 5/8" Fire code “C” Gypsum Board

STC	IIC
	
STC 61	**Hardwood IIC 57**
UL.COM File# R16638	**LVT IIC 54**
Test #: ATI-L2271.17, 16, 15	**Tile IIC 54**

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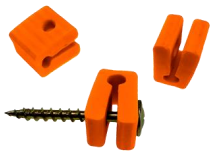
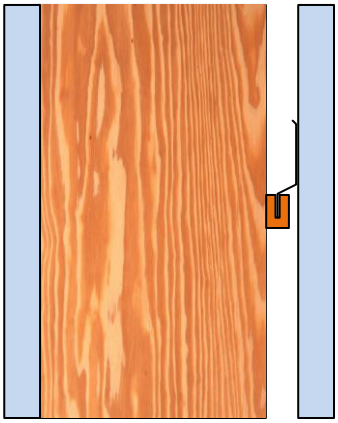


MADE IN USA

- Improve performance
- Reduce potential for short circuit
- Innovative design fits all RC Channel
- Fastener Included
- 83 ea UL Fire Rated Systems
- Made In USA

RC-1 Boost With RC-1 Channel

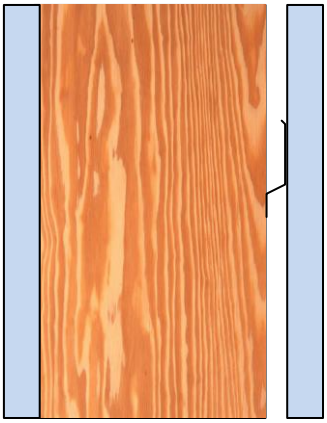
STC 52



- 5/8" Type “C” Gypsum Board
- 2x4 framed Wall @16" oc
- RC-1 Boost’ Gypsum Board
- RC-1 Resilient Channel
- 5/8" Type “C” Gypsum Board

RC-Deluxe Channel

STC 49



- 5/8" Type “C” Gypsum Board
- 2x4 framed Wall @16" oc
- RC-1 Resilient Channel
- 5/8" Type “C” Gypsum Board

Tested and Approved Resilient Channels: **Dietrich** RC-1 pro, **Cemco** RC-1, **Phillips** RC-1 Select (Tru-25), **Phillips** RC-1 Max, **Marino Ware** RC-1, **Marino Ware** Rc-Max, **Scafco** Serenity RC-Plus.

For the full set of tests contact PAC International at **info@pac-intl.com – (866) 774-2100**

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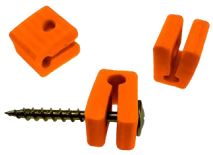

MADE IN USA

UL Fire Rated Designs
CIKV.R16638 - Framing Members

Types RSIC-1 and RSIC-1 (2.75) for use in Design Nos. G501, G502, G503, G504, G505, G507, G510, G512, G524, G525, G534, G535, G536, G588, G551, G552, G556, G557, G558, G560, G561, G565, G575, G578, H501, H505, H514, H515, H521, H522, L502, L505, L510, L511, L513, L514, L516, L518, L521, L523, L528, L532, L534, L542, L546, L547, L550, L562, L563, L569, L570, L573, L574, L576, L579, L582, L587, L589, L590, L593, M501, M502, M506, M508, M509, M510, M514, M515, M521, M525, M527, M531, M532, M540, M545, M546, P519, P522, P533, P538, P545, P556, P561, P562, P571, P573, U301, U305, U309, U311, U320, U331, U334, U340, U341, U342, U344, U356, U411, U415, U417, U419, U421, U423, U440, U451, U453, U455, U465, U473, U493, U524, U910, U914, V310, V323, V324, V438, V455, V469, V478, V481, V488, V489, V490, V496, V498, W307, W419,W425, W440, W445, W469.

Type RSIC-1 for use in Design Nos. G501, G502, G503, G504, G505, G507, G510, G512, G524, G525, G534, G535, G536, G588, G551, G552, G556, G557, G558, G560, G561, G565, G575, G578, H501, H502, H504, H505, H507, H511, H514, H515, H516, H521, L502, L505, L510, L511, L513, L514, L515, L516, L517, L518, L520, L521, L523, L527, L528, L532, L533, L534, L535, L541, L542, L545, L546, L547, L549, L550, L551, L558, L562, L563, L565, L567, L568, L569, L570, L573, L574, L576, L579, L580, L582, L585, L586, L587, L589, L590, L592, L593, L597, L598, M501, M502, M503, M506, M508, M509, M510, M513, M514, M515, M516, M518, M519, M520, M521, M522, M524, M525, M527, M529, M531, M532, M535, M536, M537, M540, M541, M544, M545, M546, M549, P519, P522, P533, P545, P556, P561, P562, P571, P573, U301, U305, U309, U311, U320, U331, U334, U340, U341, U342, U344, U356, U411, U415, U417, U419, U421, U423, U440, U451, U453, U455, U465, U473, U493, U524, U910, U914, V310, V323, V324, V438, V455, V469, V478, V481, V488, V489, V490, V496, V498, W307, W419, W425, W440, W445, W469.

Type RSIC-1 also Classified in accordance with ASTM E90-99, "Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements". See Design Nos. G505, U305, U334, V310, for STC rating.

Type RSIC-1 also Classified in accordance with ASTM E492-96, "Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine". See Design No. G505 for IIC rating.

Types RSIC-V and RSIC-V (2.75) for use in Design Nos. G501, G502, G507, G534, H514, L513, L514, L516, L521, L523, L528, L534, L546, L550, L562, L569, L570, L574, L579, L587, L590, L593, M502, M501, M506, M508, M509, M510, M514, M531, M540, P522, P533, P538, P545, P556, P571, U305, U411, U419, U524, V310, V323, V324, V438, V488, V489, V498, W307.

Type RSIC-S1-1 Ultra for use in Design Nos. H501, H502, H503, H504, H505, H507, H509, H511, H513, H515, H516, H522, L502, L513, L514, L515, L516, L517, L518, L520, L521, L523, L527, L528, L532, L533, L534, L535, L541, L542, L545, L546, L547, L549, L550, L551, L558, L560, L562, L563, L564, L565, L567, L568, L569, L570, L573, L574, L576, L579, L580, L583, L585, L586, L587, L589, L590, L592, L593, L597, L598, M501, M502, M503, M506, M508, M509, M513, M514, M516, M518, M519, M520, M522, M524, M526, M527, M529, M531, M532, M535, M536, M537, M539, M540, M541, M544, M545, M546.

Type RSIC-SI-CRC EZ Clip for use in Design Nos. H501, H502, H503, H504, H505, H507, H509, H511, H513, H515, H522, L502, L513, L514, L515, L516, L517, L518, L520, L521, L523, L527, L528, L532, L533, L534, L535, L541, L542, L545, L546, L547, L549, L550, L551, L558, L560, L562, L563, L564, L565, L567, L568, L569, L570, L573, L574, L576, L579, L580, L583, L585, L586, L587, L589, L590, L592, L593, L597, L598, M501, M502, M503, M506, M508, M509, M513, M514, M516, M518, M519, M520, M522, M524, M526, M527, M529, M531, M532, M535, M536, M537, M539, M540, M541, M544, M545, M546. M549.

Type RSIC-U HD for use in Joint System Nos. HW-D-0034, HW-D-0043, HW-D-0044, HW-D-0060, HW-D-0079, HW-D-0103, HW-D-1011 in Volume 2 of the Fire Resistance Directory.

Types RC-1 Boost and RC Boost Deluxe C-D for use in Design Nos. H502, L502, L510, L511, L513, L515, L518, L521, L523, L528, L533, L534, L535, L541, L545, L546, L547, L550, L558, L562, L563, L569, L570, L574, L576, L579, L587, L589, L590, L591, L592, L593, L601, M501, M502, M503, M506, M508, M509, M510, M516, M518, M519, M520, M523, M525, M526, M531, M532, M535, M537, M539, M540, M544, M546, M551, M552, U301, U305, U309, U311, U320, U327, U331, U334, U340, U341, U342, U344, V310, V315, V316, V319, V323, V324, W301, W307.

Last Updated on 2021-06-09