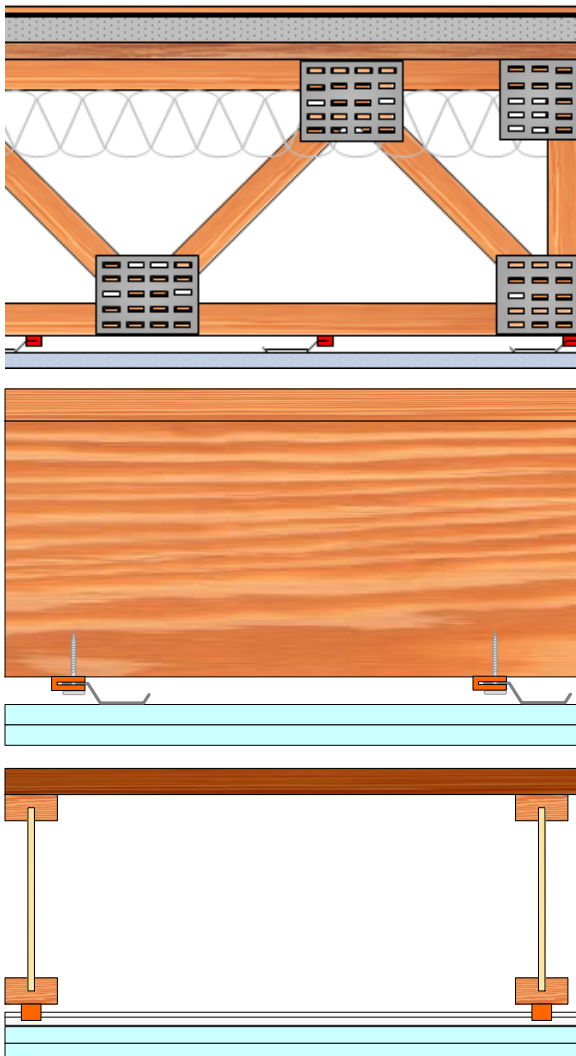
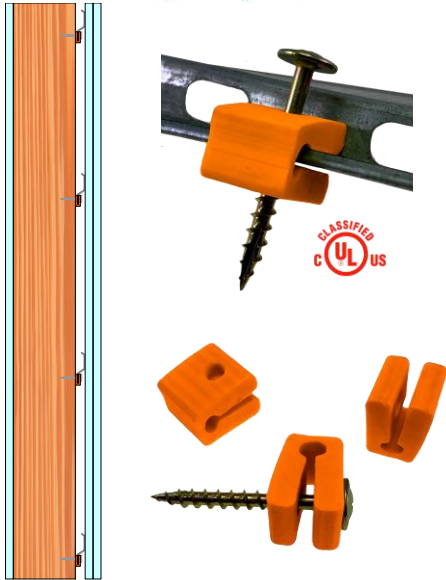


## RC-1 BOOST SOUND ISOLATION

The **RC-1 Boost** is designed for use with any wood application where noise control is required. This includes, wood 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 18 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.



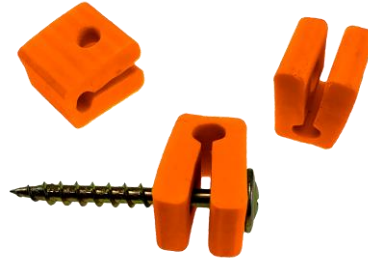
### RC-1 Boost, A Low Cost, High Performance, Noise control Solution

Wood
Apartment
Commercial
Conference Rooms

Condo
Recording Studio
Home Theater
Commercial theater

#### RC-1 Boost specifications:

Acoustical design load:	Up to 18 Lbs
Total deflection	2 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

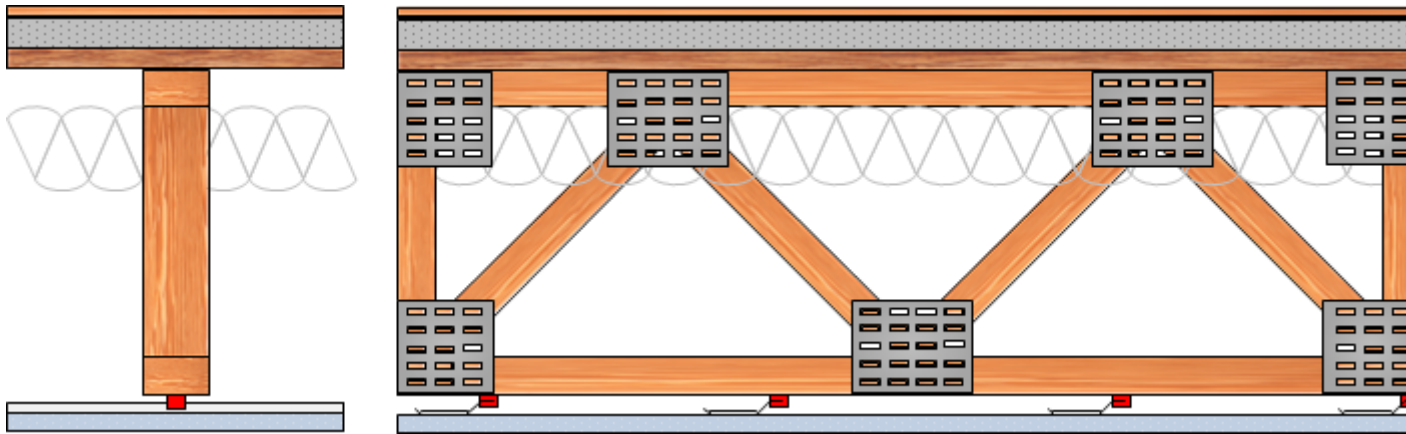


## FLOOR CEILING ASSEMBLY

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

Assembly#: OWTRCBOOSTHW

RC-1 on RC-1 Boost

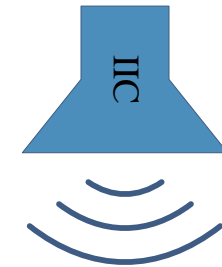


### CONSTRUCTION

- 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



UL.COM  
File# R16638



Hardwood IIC 57

LVT IIC 54



STC 61

Test #: ATI-L2271.17, 16, 15

Tile IIC 54