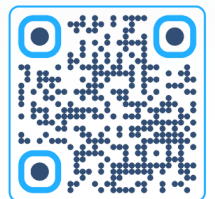
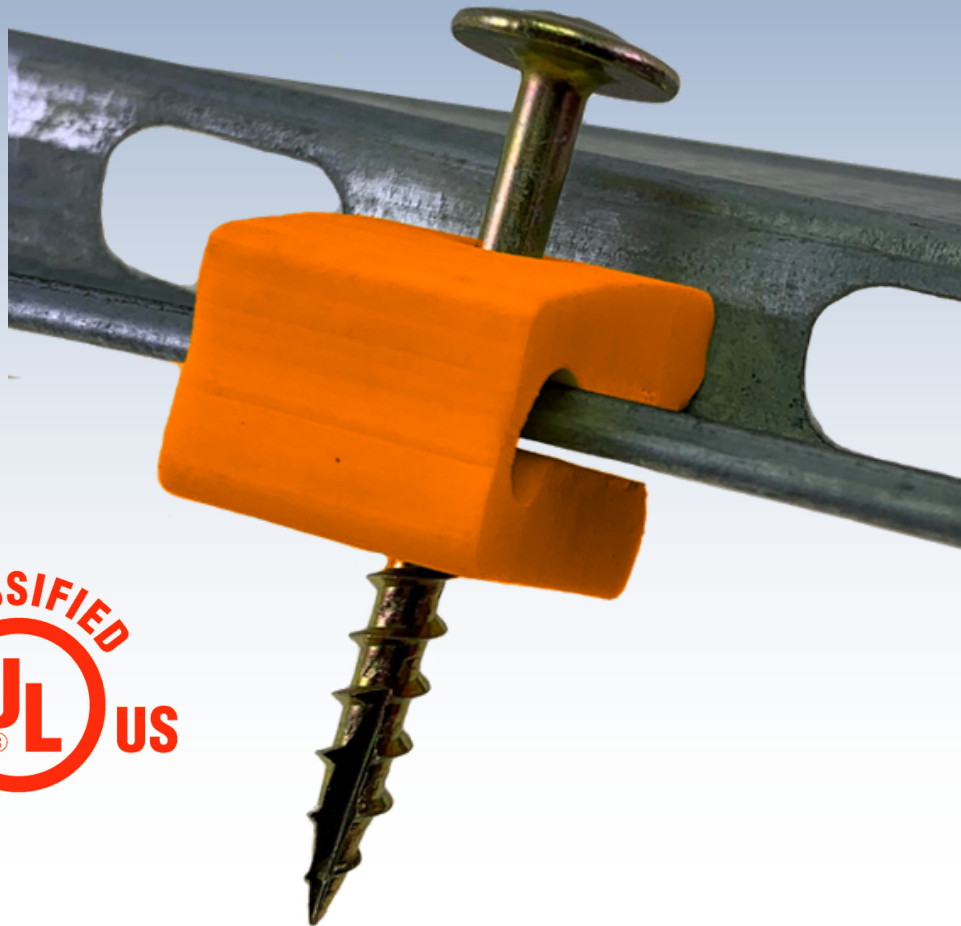


PAC International



RC-1 Boost

PAC International, LLC.
World Class Noise Control Solutions
Canby, OR – Las Vegas, NV
866-774-2100
info@pac-intl.com
www.pacinternationalllc.com

RC-1 Boost is the most cost-effective way to improve the IIC rating of common floor/ceiling assemblies with resilient channels.

PAC's testing shows that adding the RC-1 Boost can consistently provide a 5-point increase in the IIC rating of assemblies with resilient channels. This makes the RC-1 Boost a less expensive and more effective means of improving IIC ratings when compared with the typical methods of adding batt insulation or gypsum board layers.

Base Assembly

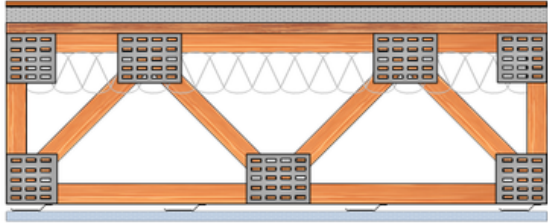
PAC
International

L2271.24 (Intertek)

CONSTRUCTION

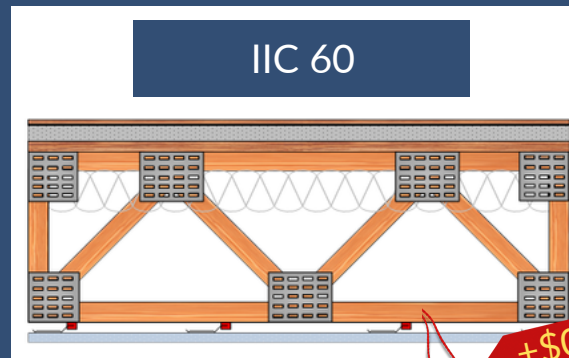
- Kahrs Linnea Wood Flooring Floated
- Ecore QT4002 2mm Rubber Underlayment Floated
- 3/4" (19mm) Gypsum Concrete Topping
- 3/4" (19mm) OSB
- 18" (457mm) Open Web Truss @ 24" oc. (610mm)
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- ClarkDietrich RC-Deluxe @ 16" oc. (406mm)
- 1 Layer 5/8" (16mm) Firecode "C" Gypsum Board

IIC 55



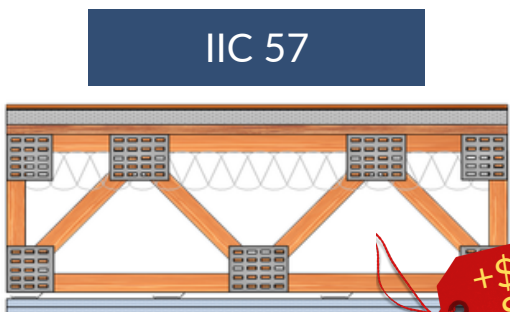
Preferred Method for Improving Performance

PAC
RC-1 Boost



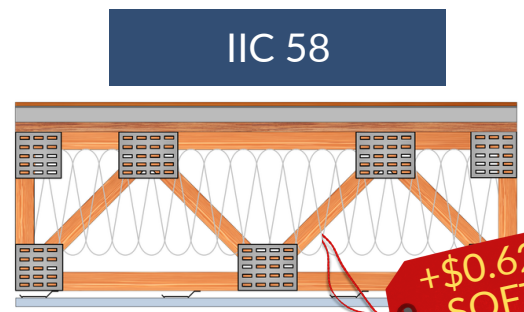
**+\$0.17/
SQFT
(MATERIAL ONLY)**

Common Methods for Improving Performance



More Gyp.

**+\$0.47/
SQFT
(MATERIAL ONLY)**



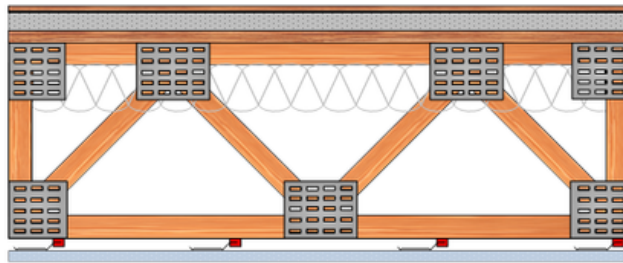
More Batt

**+\$0.62/
SQFT
(MATERIAL ONLY)**

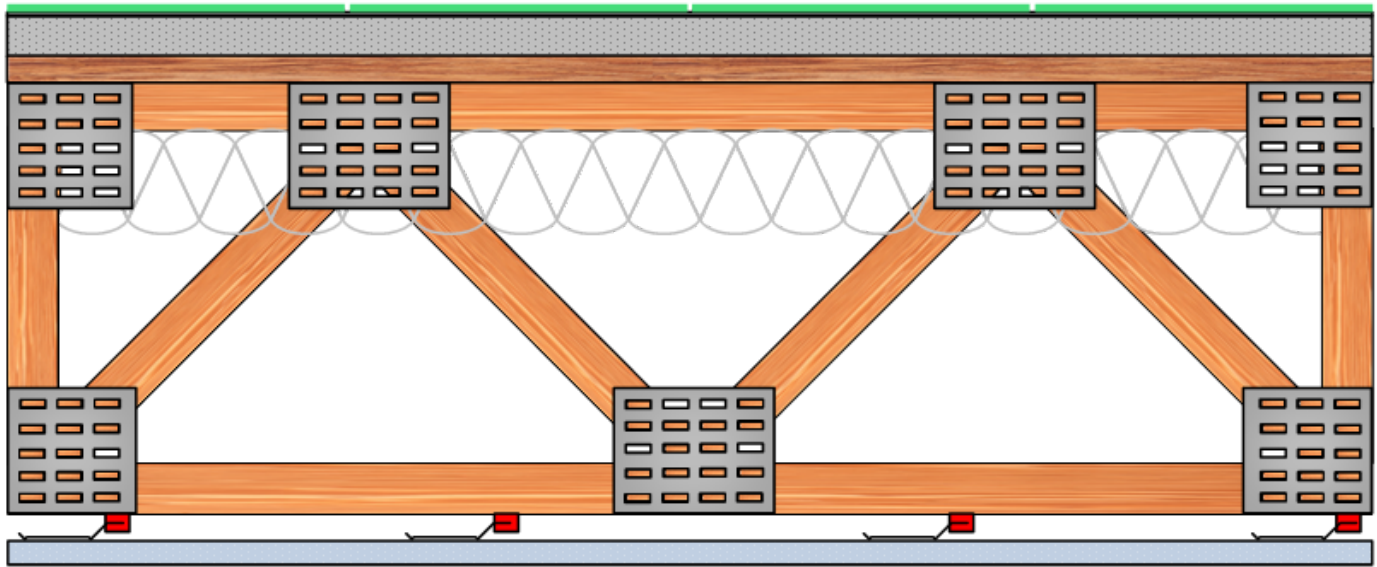


Historically, most acoustical tests with resilient channels have used one type of resilient channel that includes dog-bone-shaped holes in the vertical web. This resilient channel has had several different names over the years, but it's currently ClarkDietrich's RC-Deluxe. Testing has shown that other resilient channels do not perform as well acoustically. When RC-Deluxe is specified on a project, it's common to see other types of resilient channels actually installed in the field, resulting in poorer acoustical performance and potentially a lack of code compliance.

RC-1 Boost can be used to make the acoustical performance of other resilient channels match or exceed that of RC-Deluxe. This provides many alternatives to RC-Deluxe to allow for more competitive bidding, and it provides a solution for times when RC-Deluxe is specified but another type of channel is sent to the job site.



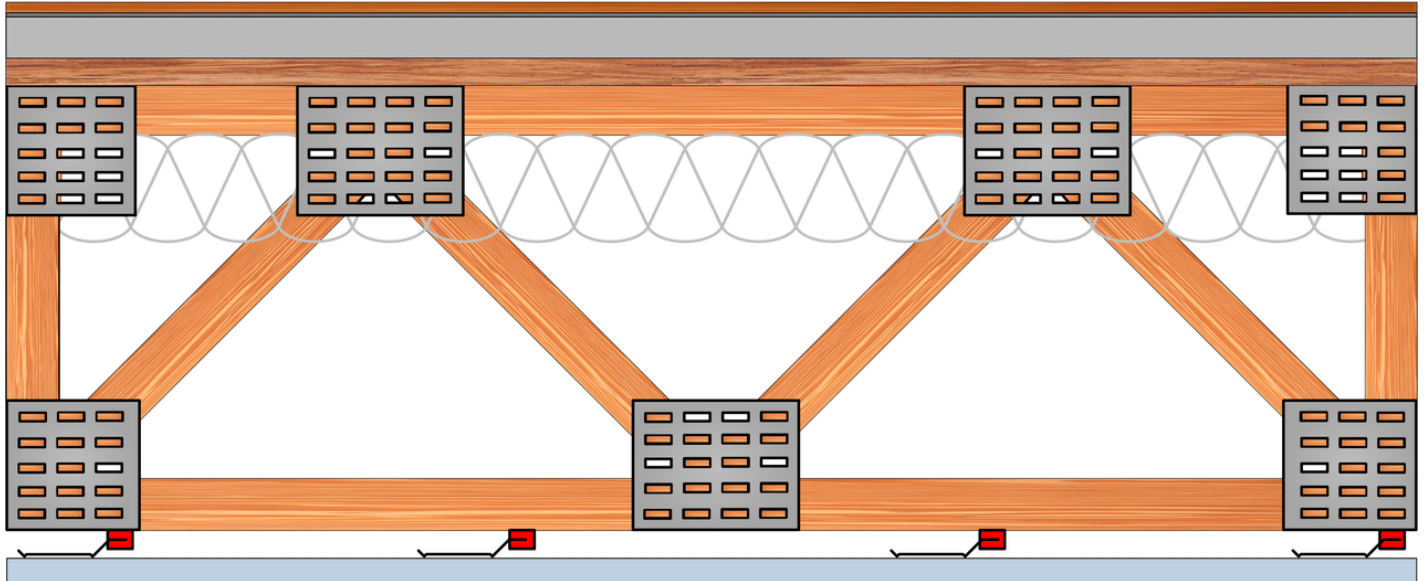
| Ceiling Attachment | STC | IIC |
|-----------------------------------|-----|-----|
| *Phillips RC-1 Tru-25 | 59 | 52 |
| RC-1 Boost + Phillips RC-1 Tru-25 | 60 | 57 |
| *Dietrich RC-Deluxe | 59 | 55 |
| RC-1 Boost + Dietrich RC-Deluxe | 60 | 60 |
| *Dietrich RC-Deluxe (2x GWB) | 61 | 57 |
| RC-1 Boost + Cemco RC-1 | 60 | 57 |
| RC-1 Boost + Dietrich RC-1 Pro | 60 | 57 |
| RC-1 Boost + MarinoWare RC-1 | 60 | 56 |
| RC-1 Boost + MarinoWare RC-Max | 60 | 57 |
| RC-1 Boost + Phillips RC-1 Max | 60 | 57 |
| RC-1 Boost + Scafco Serenity | 60 | 57 |



Comparison of RC-Deluxe with PAC's RC-1 Boost on RC-1 Pro

| Flooring | Underlayment | STC | | IIC | | HIIC | |
|--------------|----------------|------------------|-----------|------------------|-----------|------------------|-----------|
| | | Boost + RC-1 Pro | RC-Deluxe | Boost + RC-1 Pro | RC-Deluxe | Boost + RC-1 Pro | RC-Deluxe |
| Wood (Loose) | QT4002 (Loose) | 60 | 59 | 57 | 55 | 67 | 63 |
| Wood (Glued) | QT4002 (Glued) | 61 | 60 | 57 | 53 | 64 | 59 |
| LVT | QT4002 | 61 | 60 | 54 | 52 | 57 | 55 |
| Tile | QT4002 | 61 | 61 | 54 | 51 | 55 | 52 |

For additional testing data, go to:
www.pacinternationallc.com/login



Improves performance of all resilient channel



Most cost-effective IIC improvement



Alleviates supply issues with premium resilient channels



Included in over 78 UL fire-resistive designs

