PAC International

NOISE CONTROL SOLUTIONS

REAL SOLUTIONS IN CONSTRUCTION

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RSIC-1®

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

The RSIC-1 is the original sound isolation clip and is included in more UL fire-resistive design assemblies than any other clip. It can be used on walls and ceilings. With over 20 years of testing, PAC has a wide variety of tests with the RSIC-1, including many more unique assemblies like those shown in this brochure.

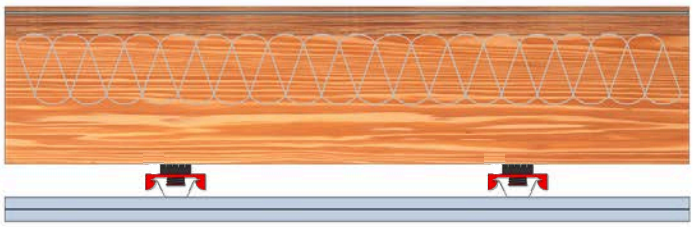
PAC International

TL08-194 & IN08-015 (RAL)

STC: 57 IIC: 52 HIIC: 68

CONSTRUCTION

- Laminate Wood Flooring Floated
- 1/16" (2mm) Foam Underlayment Floated
- 1/2" (13mm) Plywood
- 23/32" (18mm) OSB
- 10" (254mm) 2x10 Solid Wood Joists @ 16" oc. (406mm)
- 6-1/4" (159mm) R-19 Fiberglass Insulation
- PAC RSIC-1 @ 24" x 48" oc. (610x1220mm)
- Drywall Furring Channel @ 24" oc. (610mm)
- 2 Layers 5/8" (16mm) Firecode "C" Gypsum Board



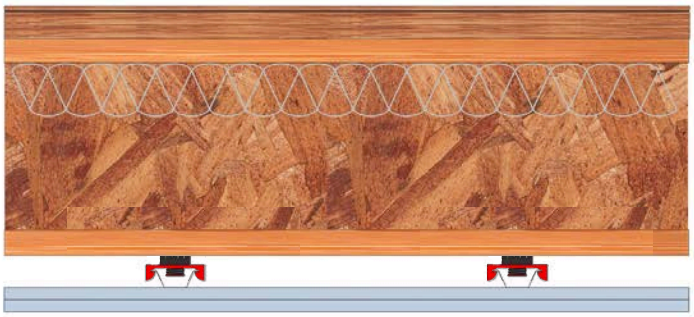
PAC International

E6968.09 (Intertek)

STC: 61 IIC: 58 HIIC: 66

CONSTRUCTION

- Flooring Industries Ashland Laminate Wood Flooring Floated
- Ecore QT4002 2mm Rubber Underlayment Floated
- 3/4" (19mm) OSB
- 3/4" (19mm) OSB
- 11-7/8" (301mm) Wood I Joist @ 24" oc. (610mm)
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- PAC RSIC-1 @ 16" x 48" oc. (406x1220mm)
- Drywall Furring Channel @ 16" oc. (406mm)
- 2 Layers 5/8" (16mm) Type C Gypsum Board



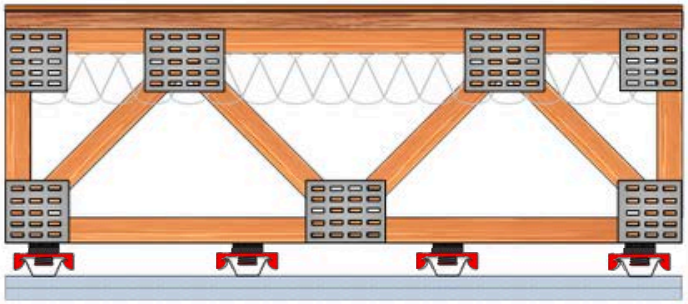
PAC International

TL20-073 & IN20-008 (RAL)

STC: 61 IIC: 55 HIIC: 60

CONSTRUCTION

- Laminate Flooring Floated
- Ecore QT4005 5mm Rubber Underlayment Floated
- 1-1/8" (29mm) OSB
- 18" (457mm) Open Web Truss @ 24" oc. (610mm)
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- PAC RSIC-1 @ 16" x 48" oc. (406x1219mm)
- Drywall Furring Channel (19mil) @ 16" oc. (406mm)
- 2 Layers 5/8" (16mm) Type C Gypsum Board

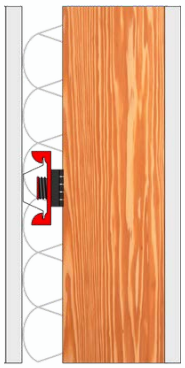


PAC International

TL06-500 (WEAL) **STC: 58 OITC: 39**

CONSTRUCTION

- 1 Layer 5/8" (16mm) Type C Gypsum Board
- Drywall Furring Channel @ 24" o.c. (610mm)
- PAC RSIC-1 @ 24" x 48" o.c. (610mm x 1219mm)
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 6" (152mm) Fiberglass Batt Insulation
- 1 Layer 5/8" (16mm) Type C Gypsum Board



It's long been established that the RSIC-1 provides high levels of sound isolation on single-stud walls, and it's the preferred choice of acoustical consultants. However, it's not just single-stud walls. Even on double-stud walls, the RSIC-1 can be an essential part of achieving the desired sound isolation, as the test results below clearly show.

PAC International

TL-93-266 (NRCC) **STC: 56**

CONSTRUCTION

- 1 Layer 5/8" (16mm) Type X Gypsum Board
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 2x4 Wood Studs
- 1" (25mm) Air Space
- 2x4 Wood Studs
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 1 Layer 5/8" (16mm) Type X Gypsum Board

PAC International

21-0749R1 (NOAL) **STC: 43**

CONSTRUCTION

- 1 Layer 5/8" (16mm) Type X Gypsum Board
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 15/32" (12mm) OSB Shear Panel
- 1" (25mm) Air Space
- 15/32" (12mm) OSB Shear Panel
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 1 Layer 5/8" (16mm) Type X Gypsum Board

PAC International

21-0756R1 (NOAL) **STC: 50**

CONSTRUCTION

- 1 Layer 5/8" (16mm) Type X Gypsum Board
- Drywall Furring Channel @ 24" o.c. (610mm)
- PAC RSIC-1 @ 24" x 48" o.c. (610mm x 1219mm)
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 15/32" (12mm) OSB Shear Panel
- 1" (25mm) Air Space
- 15/32" (12mm) OSB Shear Panel
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 1 Layer 5/8" (16mm) Type X Gypsum Board

PAC International

22-0422 (NOAL) **STC: 56**

CONSTRUCTION

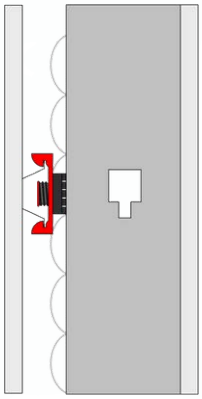
- 1 Layer 5/8" (16mm) Type X Gypsum Board
- Drywall Furring Channel @ 24" o.c. (610mm)
- PAC RSIC-1 @ 24" x 48" o.c. (610mm x 1219mm)
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 15/32" (12mm) OSB Shear Panel
- 1" (25mm) Air Space
- 2x4 Wood Studs @ 16" o.c. (406mm)
- 3-1/2" (89mm) Fiberglass Batt Insulation
- 1 Layer 5/8" (16mm) Type X Gypsum Board

PAC International

TL05-013 (RAL) **STC: 58 OITC: 40**

CONSTRUCTION

- 1 Layer 5/8" (16mm) Type C Gypsum Board
- Drywall Furring Channel @ 24" o.c. (610mm)
- PAC RSIC-1 @ 24" x 48" o.c. (610mm x 1219mm)
- 3-5/8" (92mm) 20ga Steel Studs @ 24" o.c. (610mm)
- 6-1/4" (159mm) Fiberglass Batt Insulation
- 1 Layer 5/8" (16mm) Type C Gypsum Board



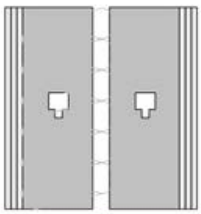
It's long been established that the RSIC-1 provides high levels of sound isolation on single-stud walls, and it's the preferred choice of acoustical consultants. However, it's not just single-stud walls. Even on double-stud walls, the RSIC-1 can be an essential part of achieving the desired sound isolation, as the test results below clearly show.

PAC International

21-1123 (NOAL) **STC: 79**

CONSTRUCTION

- 3 Layers 1/2" (13mm) Type C Gypsum Board
- 10" (254mm) R-30 Fiberglass Insulation
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 1" (25mm) Air Space
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 10" (254mm) R-30 Fiberglass Insulation
- 3 Layers 1/2" (13mm) Type C Gypsum Board

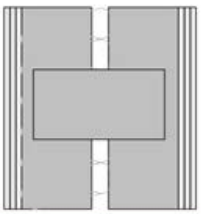


PAC International

21-1122 (NOAL) **STC: 58**

CONSTRUCTION

- 3 Layers 1/2" (13mm) Type C Gypsum Board
- 10" (254mm) R-30 Fiberglass Insulation
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 1" (25mm) Air Space
- 12ga Steel Cross Bracing
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 10" (254mm) R-30 Fiberglass Insulation
- 3 Layers 1/2" (13mm) Type C Gypsum Board

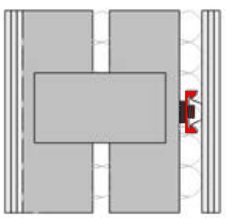


PAC International

21-1118 (NOAL) **STC: 74**

CONSTRUCTION

- 3 Layers 1/2" (13mm) Type C Gypsum Board
- 10" (254mm) R-30 Fiberglass Insulation
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 1" (25mm) Air Space
- 12ga Steel Cross Bracing
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 10" (254mm) R-30 Fiberglass Insulation
- PAC RSIC-1 @ 12" x 48" o.c. (305mm x 1219mm)
- Drywall Furring Channel @ 12" o.c. (305mm)
- 3 Layers 1/2" (13mm) Type C Gypsum Board

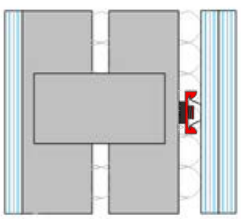


PAC International

21-1115 (NOAL) **STC: 79**

CONSTRUCTION

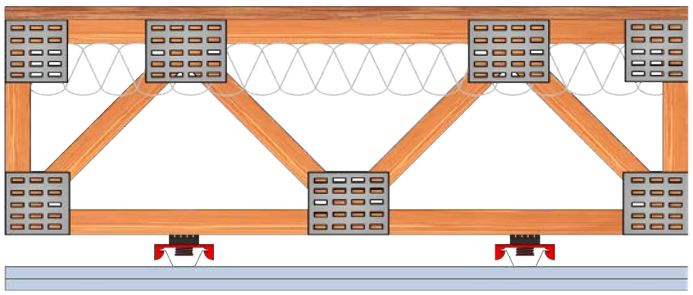
- 1 Layer 1-3/8" (35mm) QuietRock 545
- 10" (254mm) R-30 Fiberglass Insulation
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 1" (25mm) Air Space
- 12ga Steel Cross Bracing
- 8" (203mm) 12ga Steel Studs @ 24" o.c. (610mm)
- 10" (254mm) R-30 Fiberglass Insulation
- PAC RSIC-1 @ 12" x 24" o.c. (305mm x 610mm)
- Drywall Furring Channel @ 12" o.c. (305mm)
- 2 Layers 1-3/8" (35mm) QuietRock 545



UL FIRE-RATED DESIGNS

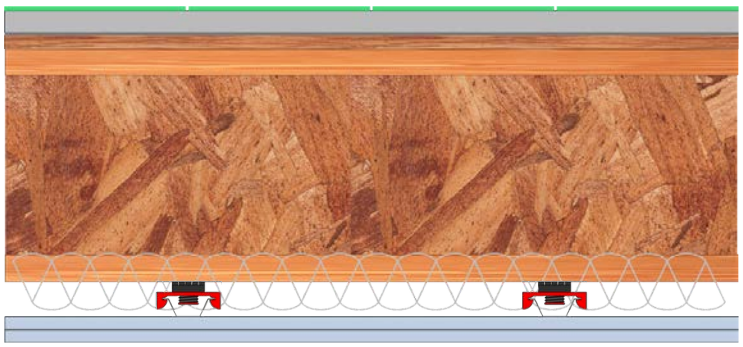
WOOD FLOOR/CEILINGS AND ROOFS

WOOD OPEN WEB TRUSS



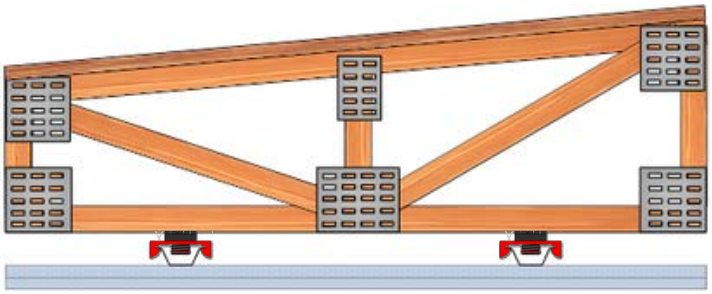
L521, L528, L534, L542, L546, L550, L558, L562, L563, L574, L576, L579, L582, L585, L586, L587, L592, M501, M503, M508, M509, M510, M516, M520, M521, M522, M524, M540, M545, M549

WOOD "I" JOIST



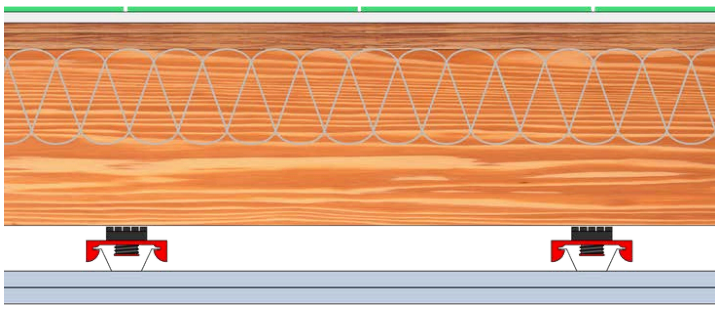
L518, L547, L570, L589, M502, M506, M532, M535, M544, M546

WOOD TRUSS ROOF



P522, P533, P538, P545, P556, P571

WOOD SOLID JOIST

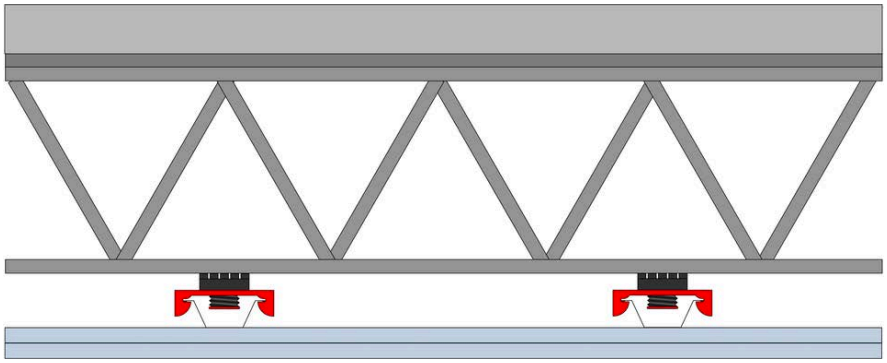


L502, L505, L510, L511, L513, L514, L515, L516, L517, L520, L523, L532, L533, L535, L541, L545, L569, L590, L593, L598, M514, M518, M519, M525, M531, M537, M563

UL FIRE-RATED DESIGNS

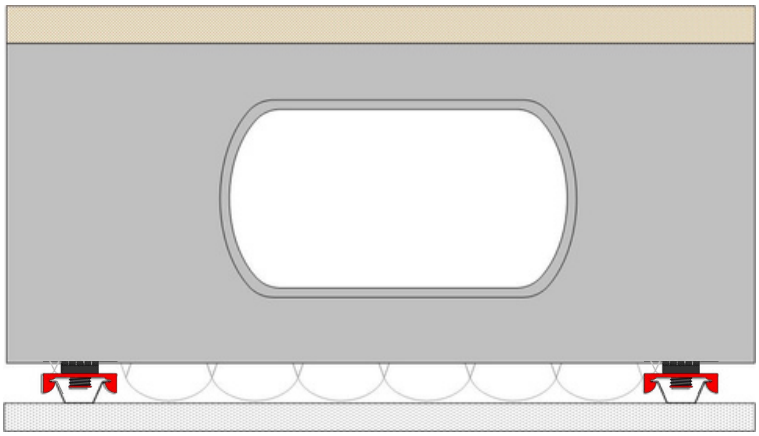
STEEL FLOOR/CEILINGS AND ROOFS

STEEL OPEN WEB TRUSS



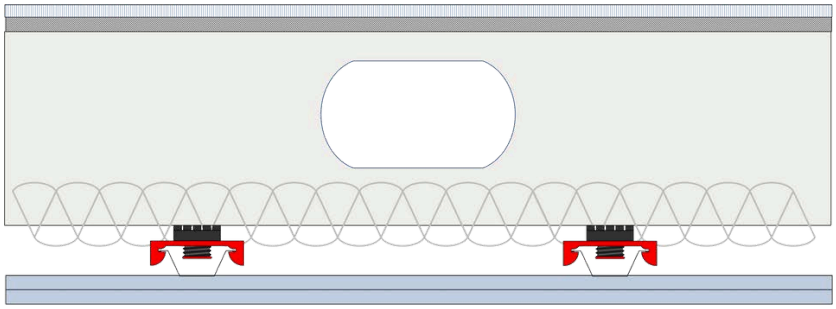
G501, G502, G503, G504, G505, G507, G510, G512, G524, G525, G561, G575, G588, H502, H507, H514, H515, H521, H524, L549, L551, L565, L597, M513, M529, M536, M541

STEEL JOIST



G534, G535, G536, G551, G552, G556, G557, G558, G560, G565, G575, G578, G588, H501, H504, H505, H511, H514, H516, H522, H527, L527, L567, L568, L573, L580, M515

STEEL JOIST OR TRUSS ROOF

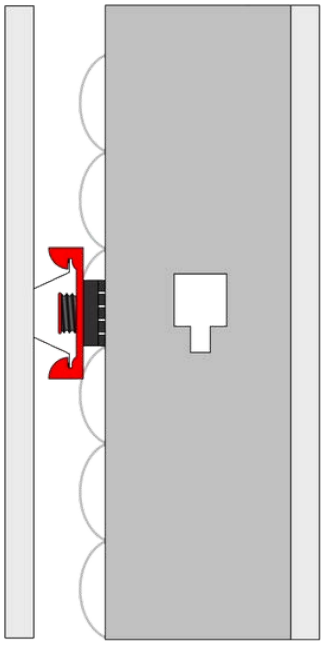


P519, P561, P562, P573

UL FIRE-RATED DESIGNS

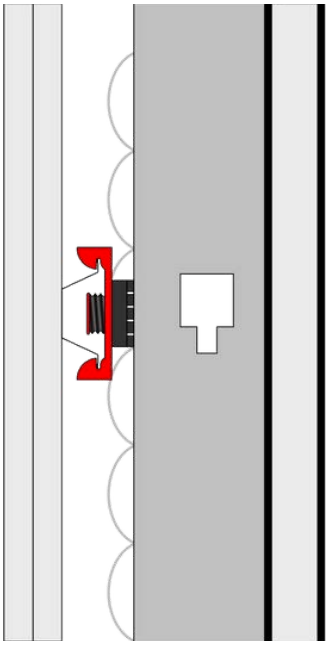
STEEL WALLS

STEEL WALL



U411, U419, U421, U423, U440, U451, U453, U455, U465, U473, U493, V438, V469, V478, V488, V489, V490, V496, V498, W425, W440, W445, W469, W488, W490

STEEL SHAFT WALL

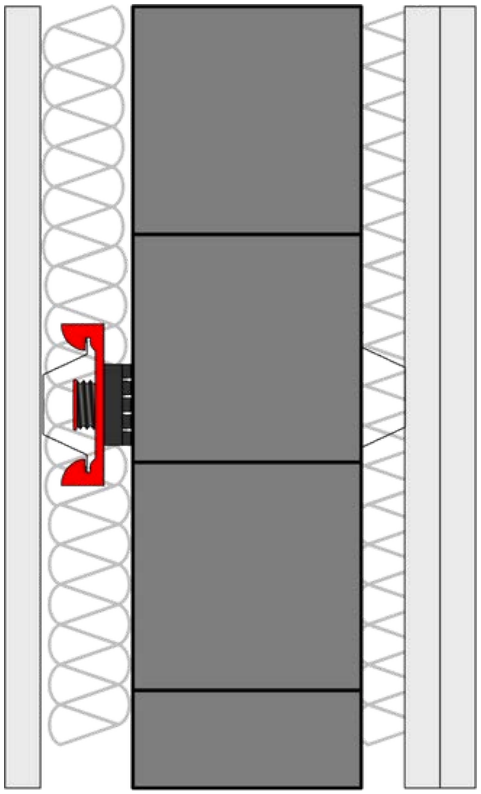


U415, U417, V455, V481, W419

UL FIRE-RATED DESIGNS

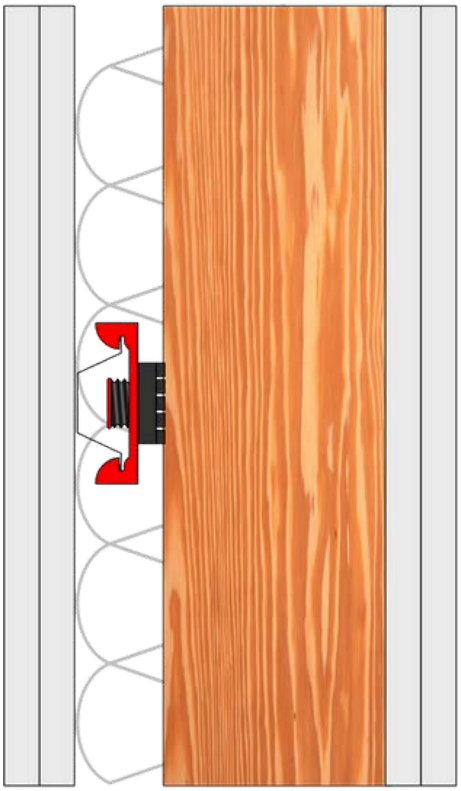
CMU AND WOOD WALLS

CMU BLOCK



U910
U914

WOOD WALL



U301, U305, U309, U311, U320, U331, U334, U340, U341, U342, U344, U356, U524, V310, V323, V324, V346, W307

Are you sure you're getting the genuine RSIC-1® on your project?

Why are the RSIC-1 clips now in High Vis. Red? PAC International has become aware of several unauthorized companies selling counterfeit clips under the RSIC®, RSIC-1®, and Resilient Sound Isolation Clip® names which are all protected under US registered trademarks. There are, of course, many authorized distributors of PAC's products, and you can find them on our website. These distributors have been great partners over the years, and they are NOT who we're talking about. We are talking about companies selling products that look like the RSIC-1 using the RSIC or Resilient Sound Isolation Clip name, but that are not manufactured or supported by PAC. These look alike products do not have the same acoustical performance or fire ratings.

Counterfeit or look-alike products may NOT possess the genuine features the RSIC-1® offers

When you buy a genuine RSIC-1®, you will get:

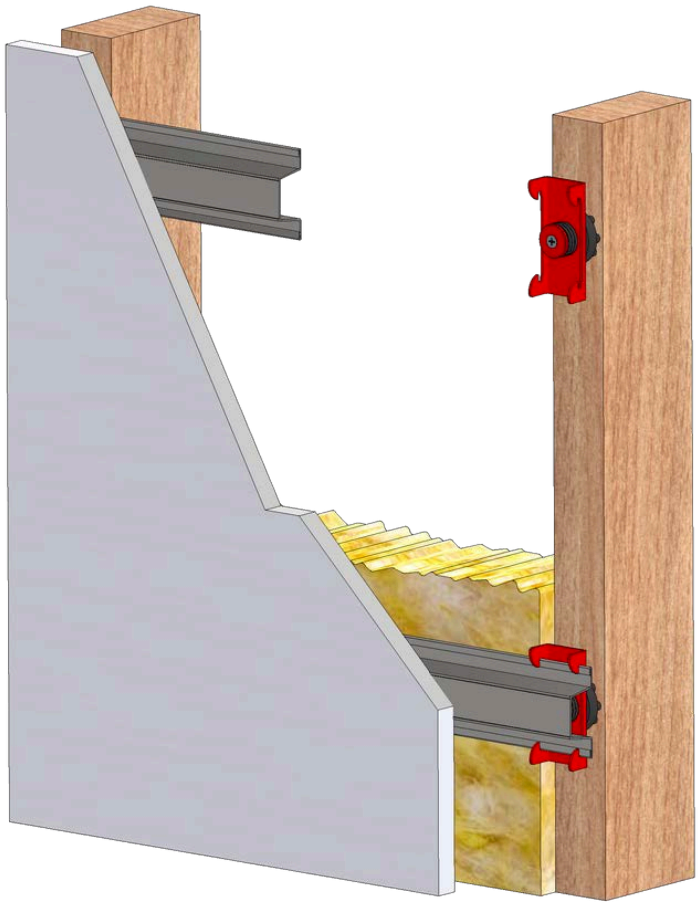
- The ORIGINAL resilient sound isolation clip
- 20+ years of experience and installations
- Backed by hundreds of acoustical tests
- Over 170 UL fire-resistive designs
- Direct support from experts in acoustics, fire, & construction
- Full QA program including an in-depth inspection and testing procedure to test for quality, strength, and performance
- Load tests to show the product meets or exceeds code-required safety
- VOC testing to ensure compliance with CFHP standards for classrooms and offices

PAC International is implementing a new quality assurance program to help ensure that genuine RSIC-1® clips are installed on a project. When RSIC clips are delivered to the job site, each box of clips will come with a QR code that can be used to register the project and notify the building official of the product used on this project. Registering the project will verify that genuine RSIC-1 clips have been delivered and installed. This innovative program offers verification for acoustical engineers, architects, and building officials alike. You can request information from your on-site installer and register it yourself or have them do it for you.

Examples of the new QA Stickers

RSIC-1® QA Sticker "At Clip"

RSIC-1® QA Sticker "At Door Jamb"



CLASSIFIED C UL US

Reliable performance

Outperforms resilient channel

Included in over 185 UL fire-resistive designs

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