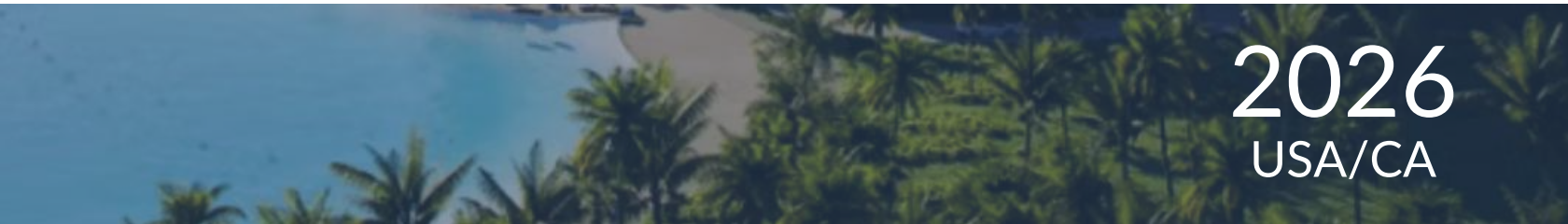
PAC International

NOISE CONTROL SOLUTIONS

REAL SOLUTIONS IN CONSTRUCTION



2026
USA/CA

PAC International
REAL SOLUTIONS IN CONSTRUCTION

Table of Contents

WELCOME TO PAC INTERNATIONAL

We specialize in manufacturing high-performance noise-control products for building construction

WHY TO CHOSE PAC?

PAC International delivers high-performance acoustical isolation systems that rival or exceed premium competitors while providing simpler installation, responsive technical support, and exceptional value. PAC offers tested, engineered solutions that solve real-world construction challenges—not just individual products.

RSIC-1®

Included in over 185 UL fire-resistive designs

NOW IN HIGH VISIBILITY RED

THE ORIGINAL RESILIENT SOUND ISOLATION CLIP

THE ORIGINAL SOUND ISOLATION CLIP

The RSIC-1, now in high-visibility red, makes it easy to confirm you have the original sound isolation clip on your project. The RSIC-1 is included in more UL rated fire-resistive design assemblies than any competing clip in both walls and ceilings. With over 24 years of acoustical and fire testing, PAC has an extensive database, including standard and many unique assemblies. The RSIC-1 is widely recognized by architects and acoustical consultants for delivering high levels of sound isolation in single-stud wall. The RSIC-1 is also often specified on double stud walls, furred out walls, multi-leaf walls and other specialty wall types for its acoustical performance.

APPLICATIONS

- Condo Buildings
- Retail Spaces
- Recording Studios
- Home Theaters
- Commercial Spaces
- Apartment Buildings
- Conference Rooms
- Commercial Theaters

TYPES OF SYSTEMS


WOOD


STEEL

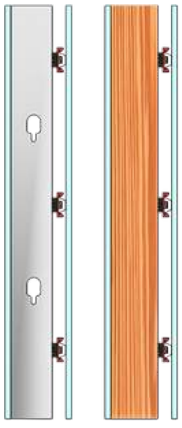

CMU


CONCRETE

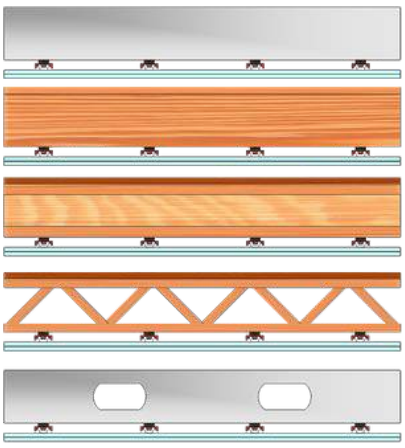
SPECIFICATIONS

Design Acoustical Load	36 lbs
Total Deflection	1/8" (3mm)
Cavity Depth	1 5/8"
Low VOC Tested	Yes
Use in Ceilings	Yes
Use in Walls	Yes
Use in New Construction	Yes
Use in Retrofit	Yes

WALLS



CEILINGS



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

Why are the RSIC-1 clips now in high visibility 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. You can find a comprehensive list of distributors 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 185 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

Quality Assurance

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.

Example of the new QA Stickers

RSIC-1® QA Sticker "At Clip"

FORMULA ONE PADDOCK

LAS VEGAS, NEVADA

PRODUCT

RSIC-1®

OVERVIEW

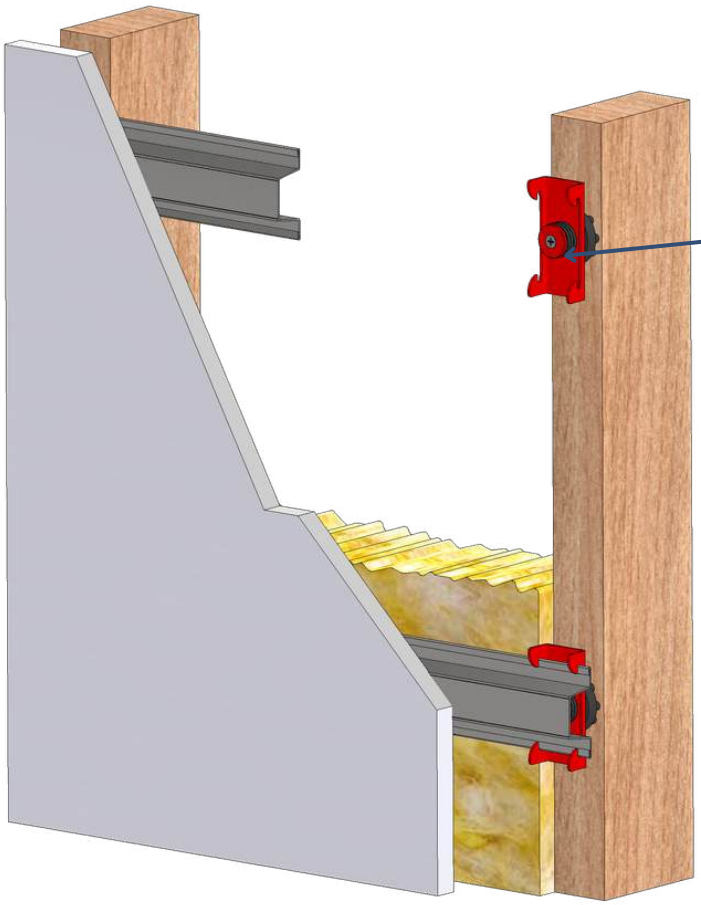
The Formula One Paddock in Las Vegas, Nevada, benefited from the installation of PAC's RSIC-1 sound isolation clips. Positioned within the walls and ceilings above the paddock garages, these clips served to effectively mitigate noise and vibration, ensuring a quieter and more comfortable experience for the suites located above.

PROJECT DETAILS

300,000 sq ft paddock building, modern pit buildings equipped with 13 team garages, hospitality suites, media centers, premium bars, and administrative offices. The paddock area provided space for team trailers, equipment storage, and support facilities

DISTRIBUTOR

L&W Supply in Las Vegas, NV



CLASSIFIED C UL US

Reliable performance

Outperforms resilient channel

Included in over 185 UL fire-resistive designs

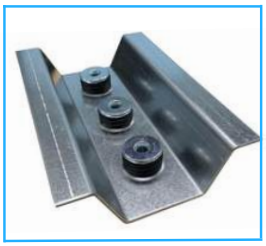
In stock & shipping now

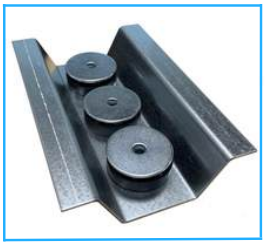
RSIC®-Backer & RSIC®-Backer HD

HEAVY DUTY MOUNT FOR USE WITH RSIC-1 SYSTEMS

RSIC® Backer

STANDARD →





← HEAVY DUTY

HEAVY DUTY MOUNT FOR RSIC® SYSTEMS

The RSIC-1 Backer is an acoustically isolated backer for mounting heavy objects in conjunction with the RSIC-1 sound isolation clip. The 25ga (18mil) hat channel used with clips is not designed to support heavy loads like cabinets and grab bars, so PAC created the RSIC-1 Backer. It has been tested to meet the load requirements for grab bars and handrails, and acoustical testing shows it does not negatively impact the acoustical performance of a RSIC-1 wall. The RSIC-1 Backer is the ONLY UL-listed and acoustically tested backer system on the market. It can be used in various applications where extra support is required, including cabinets, chalkboards, projector screens, TV wall mounts, shelving, lockers, speakers, and many more.

APPLICATIONS

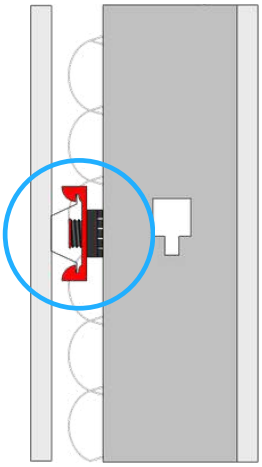
- Cabinets
- Chalkboards
- Lockers
- Shelving Units
- Projector Screens
- TV Wall Mounts
- Speaker Systems
- Home Theaters

SPECIFICATIONS

Design Acoustical Load	108 lbs - 216 lbs
Total Deflection	1/8" (3mm)
Cavity Depth	1 ⅝"
Use in Walls	Yes
Use in Ceilings	Yes
Use in Retrofit	Yes
Use in New Construction	Yes

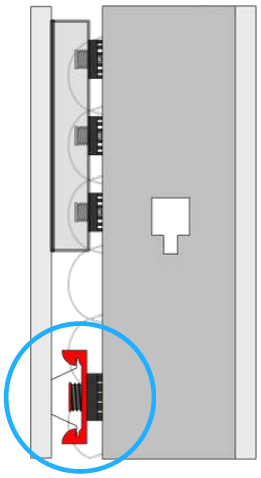
RSIC-Backer

RSIC-1

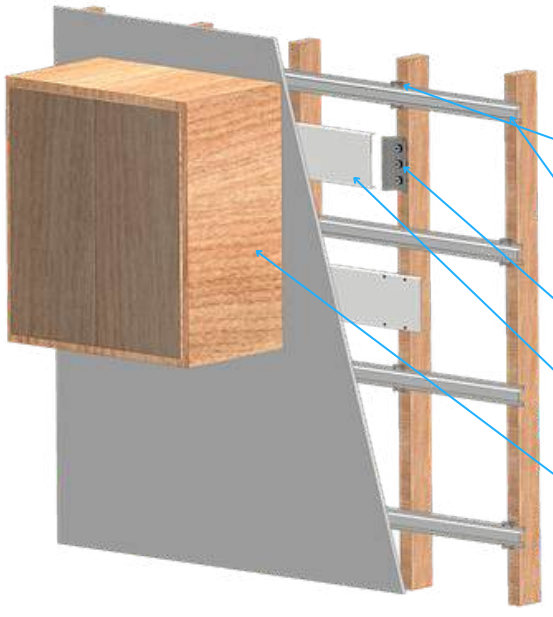


STC 54

RSIC-1 & RSIC Backer



STC 53



PRODUCT

RSIC®-BACKER

FORD'S THEATRE
WASHINGTON, D.C.

OVERVIEW

The RSIC-Backers were installed in Ford's Theatre located in Washington, D.C. The RSIC-Backer was installed as part of the theater's acoustical wall and ceiling assemblies during renovation and modernization work. The RSIC-Backers were used to provide structurally supported, acoustically isolated mounting points for heavy wall-mounted and ceiling-mounted fixtures while maintaining the performance of the sound isolation systems within the historic theater environment.

PROJECT DETAILS

Three-story historic masonry structure with Late Victorian architectural features

DISTRIBUTOR

AAC Independent

JACK STRAW
BEND, OREGON

PROJECT DETAILS

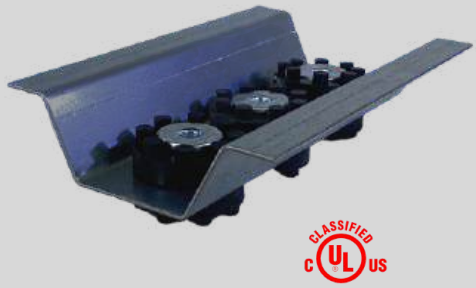
Two mid-rise residential buildings totaling approximately 480,000 square feet and comprising 313 residential units.

OVERVIEW

The RSIC-Backer HD/DD were installed in Jack Straw located in Bend, Oregon. The RSIC-Backer HD/DD was installed as part of the wall assembly system to support and acoustically isolate heavy mounted items within the residential buildings.

PRODUCT

RSIC®-BACKER HD/DD



DISTRIBUTOR

GTS Interior Supply in Bend, OR

RSIC® Backer

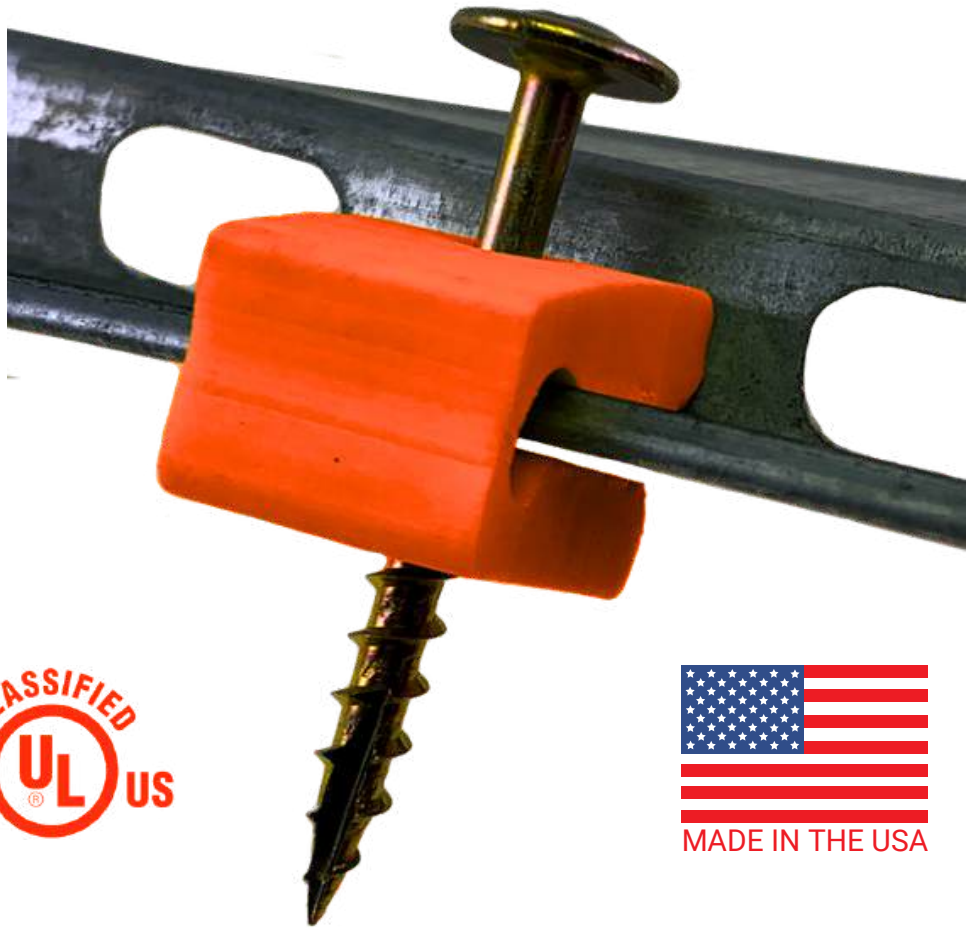
Eliminates short-circuits common when mounting heavy items on acoustically isolated walls

Necessary to maintain the acoustical performance of RSIC systems when mounting heavy items

Included in all UL assemblies where the RSIC-1 and RSIC-V are listed

Acoustically tested to maintain acoustical performance

RC-1 Boost®



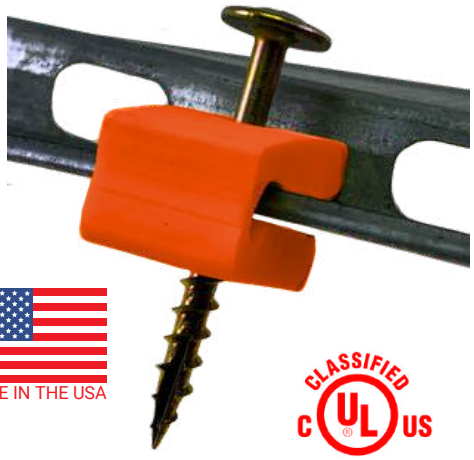
CLASSIFIED UL US

MADE IN THE USA

SAVE MONEY, BOOST PERFORMANCE

RC-1 Boost®

BOOST IIC RATINGS BY 5 POINTS!

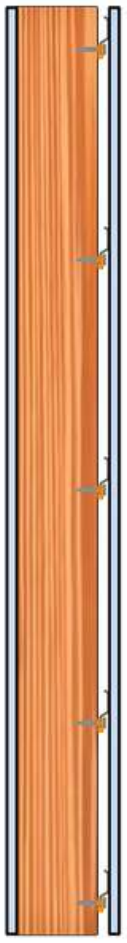


MADE IN THE USA

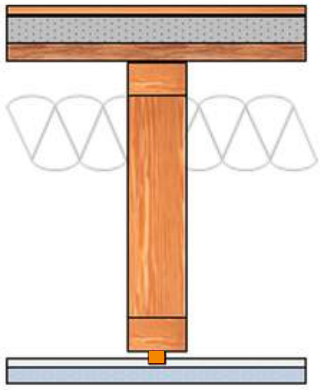
CLASSIFIED c UL us

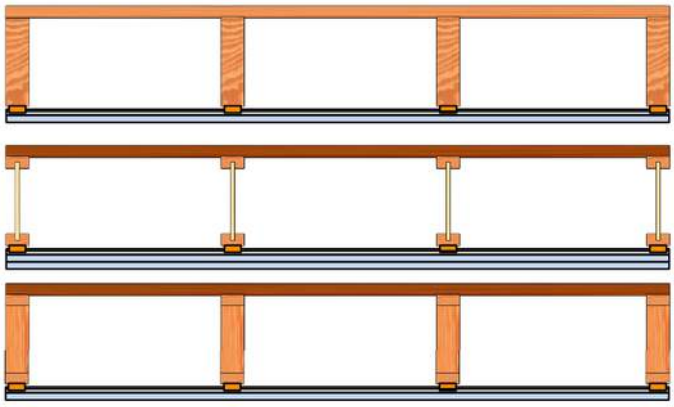
The RC-1 Boost is designed to improve the STC & IIC performance with any wood wall or ceiling application where resilient channel is specified. RC-1 Boost also provides a reliable alternative when specified resilient channels are unavailable, avoiding project delays. RC-1 Boost saves labor and material cost compared to the usual approaches taken to increase acoustical performance of assemblies that utilize resilient channel.

WALLS



CEILINGS



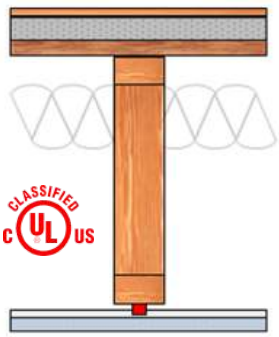


SPECIFICATIONS

Design Acoustical Load	Up to 18 lbs
Cavity Depth	3/4"
Use in Ceilings	Yes
Use in Walls	Yes
Use in New Construction	Yes
Made in USA	Yes

ONE HOUR FLOOR CEILING ASSEMBLY

STC 61



CLASSIFIED c UL us

HARDWOOD
IIC 57

LVT
IIC 54

TILE
IIC 54

THE MOST ECONOMICAL WAY TO IMPROVE ACOUSTICAL PERFORMANCE

Base Assembly

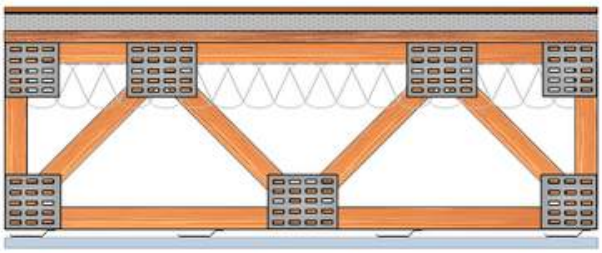
PAC International

L2271.24 (Intertek)

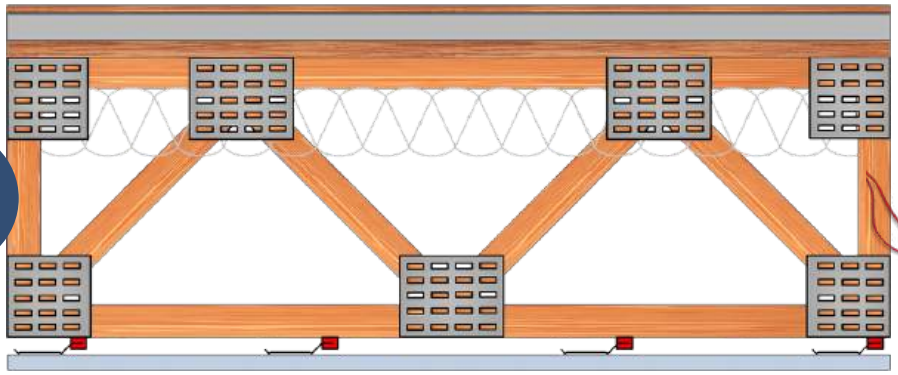
STC: 59 IIC: 55 HIIC: 63

CONSTRUCTION

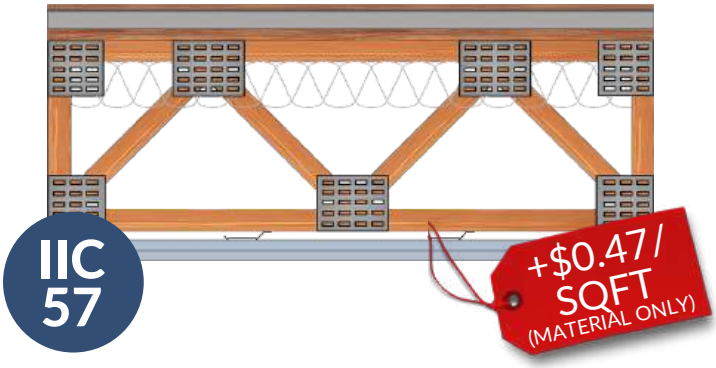
- Kahrs Linnea Wood Flooring Floated
- Ecore QT4002 2mm Rubber Underlayment Floated
- 3/4" (19mm) Gypsum Concrete Topping
- 3/4" (19mm) OSB
- 18" (457mm) Open Web Truss @ 24" oc. (610mm)
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- ClarkDietrich RC-Deluxe @ 16" oc. (406mm)
- 1 Layer 5/8" (16mm) Firecode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



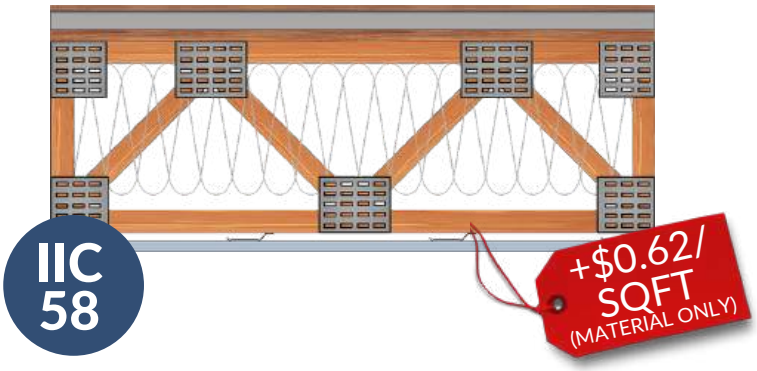
RC-1 Boost + 5 IIC Points



More Gyp + 2 IIC Points



More Batt + 3 IIC Points



THE PRESERVE AT WESTFIELD NORTHWOOD RAVEN

CHANTILLY, VIRGINIA

PRODUCT

OVERVIEW

PAC has been implemented in the Preserve at Westfield Northwood Raven, in Chantilly, Virginia. Specifically, the RC-1 Boost sound isolation clip product has been utilized to decouple the Generic RC-1 channel from the framing. This enhances the acoustical performance of the RC-1 channel, further optimizing its effectiveness in sound isolation.

PROJECT DETAILS

283 Luxury apartments with unique designs, studio, one, two-, and three-bedrooms apartments. Pool and fitness center, large indoor spa, and residential clubroom.

DISTRIBUTOR

Eastern Applicators

PAC International
REAL SOLUTIONS IN CONSTRUCTION

RC-1 Boost®

Multi-family case study

ABOUT RC-1 BOOST

The RC-1 Boost was designed to work with all RC to improve its acoustical performance. PAC's extensive laboratory testing shows that the RC-1 Boost consistently improves the acoustical performance of alternative RC so that it meets or exceeds the performance of the premium RC without Boost. Specifically, the RC-1 Boost consistently added five IIC points for all the RC makes and models PAC tested.

CHALLENGE/SOLUTION #1

When the contractor went to get the proprietary resilient channel specified for the project, it was unavailable. The contractor reached out to the project team for suitable alternatives and Nick Block (SLR Consulting), the project's acoustical consultant, recommended using PAC's RC-1 Boost with the available resilient channel to keep the project moving while maintaining the project's acoustical performance goals.

CHALLENGE/SOLUTION #2

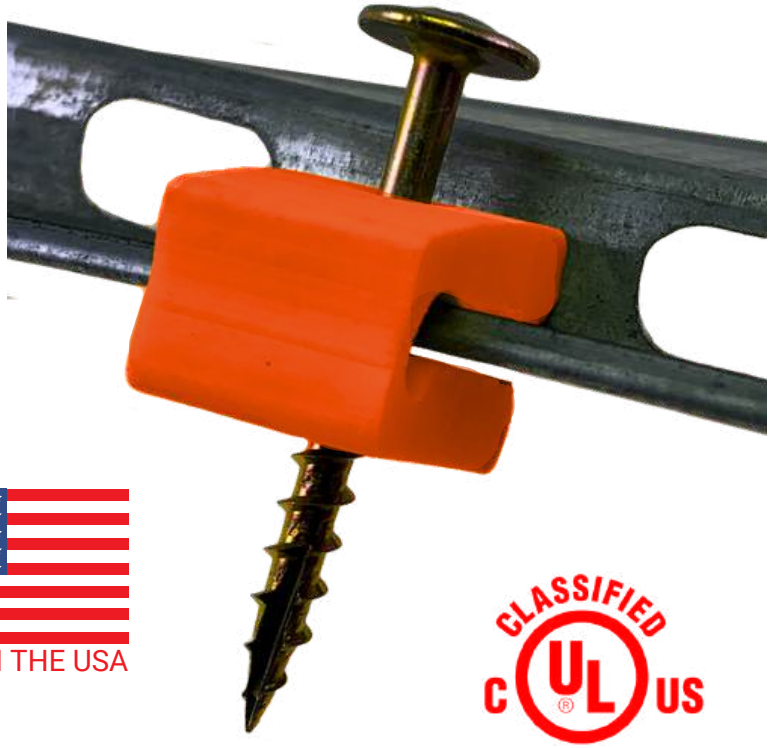
During the first building inspection after the installation of the RC-1 Boost the building inspector questioned the use of the RC-1 Boost with the lightweight gypsum board used on the project. The issue arose from the inspector's narrow and strict interpretation of the relatively new UL design for the project's floor/ceiling assembly. Crescent Communities immediately reached out to PAC for assistance, and we worked directly with UL to provide the documentation the inspector needed to approve the assembly design.

"Resilient channel product availability has created issues on numerous projects over the past year. PAC International was able to provide a solution with the RC-1 Boost that exceeded the performance of the originally specified resilient channel when installed with the available lower performing resilient channels."

Nick Block
Senior Engineer at SLR Consulting

RC-1 BOOST

RC-1 Boost®



MADE IN THE USA

CLASSIFIED C UL US

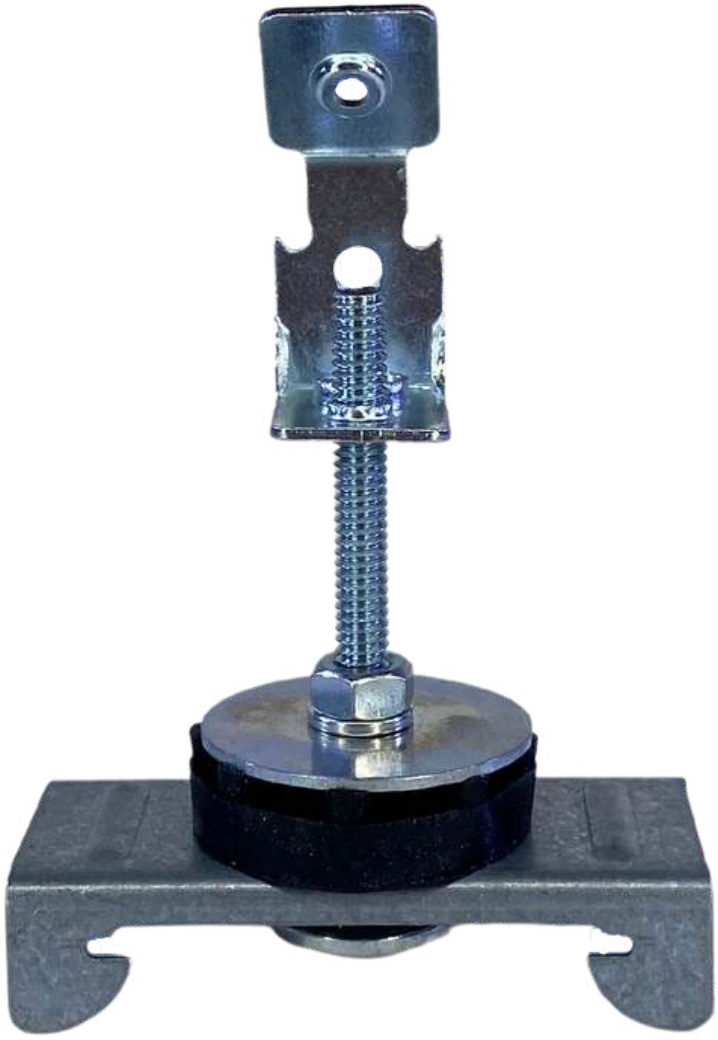
Improves performance of all resilient channel

Most cost-effective IIC improvement

Alleviates supply issues with premium resilient channels

Included in over 79 UL fire-resistive designs

RSIC-1® ADM



MAXIMUM ACOUSTICAL PERFORMANCE WITH MINIMAL CEILING DROP

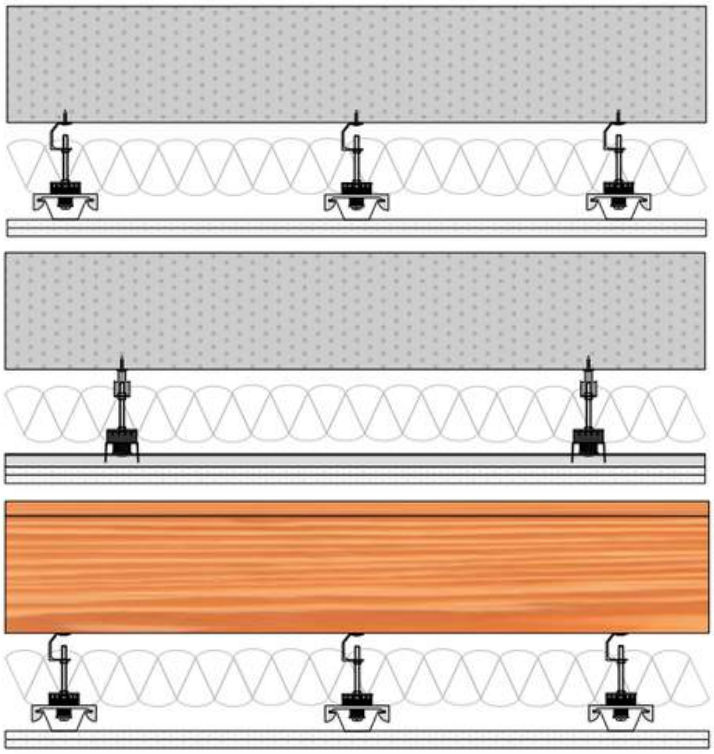
LABOR SAVING ADJUSTABLE CEILING MOUNT

PAC's RSIC-1 ADM is the perfect solution for areas where you need high levels of sound isolation and vertical space is limited. It can be shot into the bottom of concrete slabs and composite decks for quick and easy installation. The RSIC-1 ADM can be installed with plenum depths as small as 2-5/8". It's a cost effective alternative to spring hangers for condominiums, gyms, amenity spaces, generator rooms, and retail spaces below living units.

The RSIC-1 ADM Multi Clip attaches directly to the bottom of the framing or concrete or the side of a wood or steel joist, decoupling the gypsum board from the structure and reducing sound transfer between spaces.

APPLICATIONS

- Mechanical Rooms
- Apartment Buildings
- Recording Studios
- Condo Buildings
- Retail Spaces
- Conference Rooms
- Commercial Theaters
- Mixed-Use Spaces



SPECIFICATIONS

Design Acoustical Load	36 lbs
Total Deflection	1/8" (3 mm)
Adjustable	Yes
Cavity Minimum	2-5/8"
Cavity Maximum	Up to 12"
Low VOC Tested	Yes
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Use in Retrofit	Yes

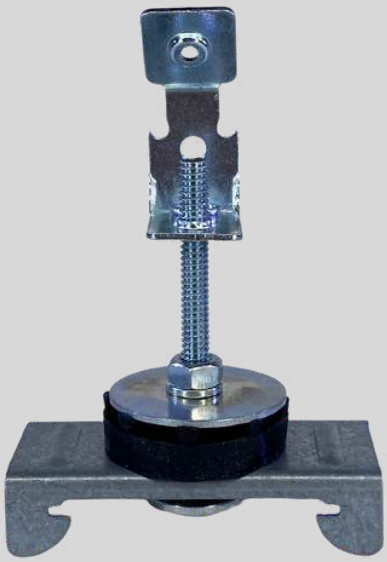
RSIC-1® ADM

ASTON MARTIN RESIDENCES

MIAMI, FLORIDA

PRODUCT

RSIC-1® ADM



DISTRIBUTOR

Ketchum & Walton
(formerly Voyce-Legier)

OVERVIEW

The RSIC-1 ADM was used in the Aston Martin Residences in Miami, Florida. The RSIC-1 ADM was used for the ceilings to acoustically isolate the amenity space from each other and from the residences below the amenity areas. PAC's products were specified to meet the exacting standards and high expectations of the Aston Martin Residences.

PROJECT DETAILS

391 condominiums, 66 floors, 1 to 5-bedroom residences, duplexes, penthouses, and triple penthouses.

Level 52: Art gallery, Business center, Conference room, Kids playroom, teen center, game room, and Vending area

Level 53: Fitness and spa lounge, Spa, Fitness center, Spinning room, Boxing room, Treatment suites, Sauna, Meditation room, Beauty salon, and Barbershop

Level 54: Fitness center, Virtual golf, and two movie theaters

Level 55: Infinity Pool, Pool deck, Pool cabanas, Sky bar/lounge, Pool concierge, Chef's kitchen, and Private dining room

RSIC-1® ADM

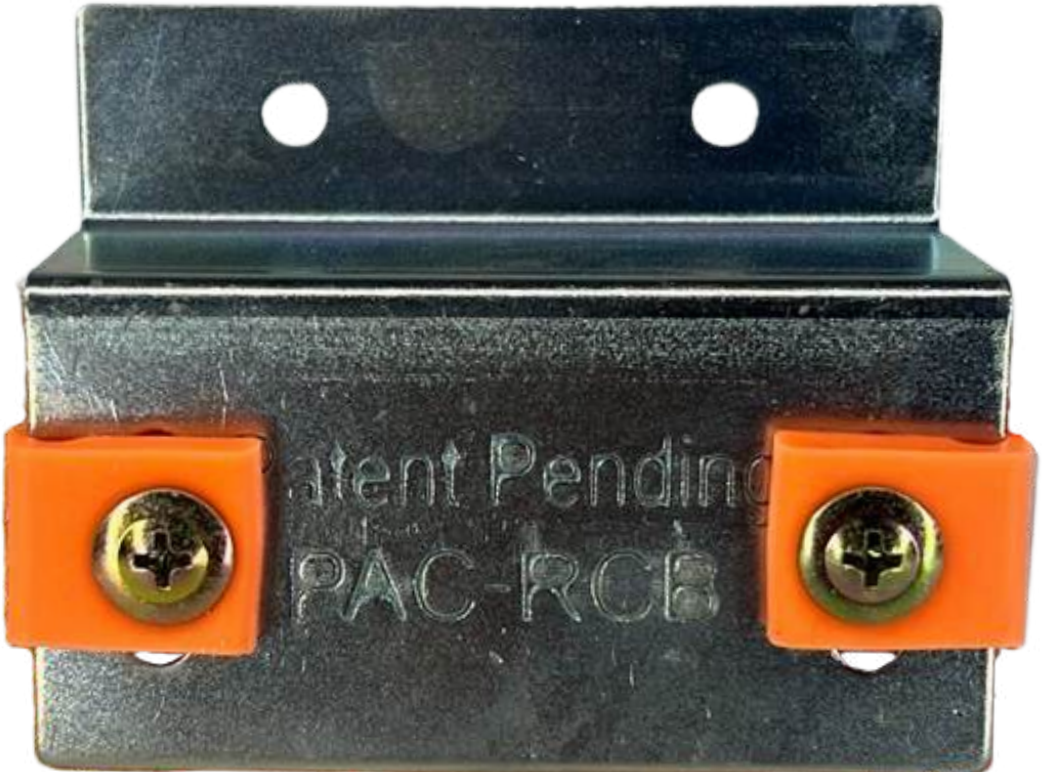
A lower-cost alternative to standard spring hangers

Can be “shot in” to concrete decks for fast and easy installation

Maximum acoustical performance with minimum ceiling drop

PAC-RCB

PATENTED



CLASSIFIED
C UL US

WALL MOUNT ISOLATION FOR HEAVY OBJECTS

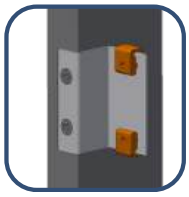
ELIMINATES SHORT-CIRCUITS CAUSED BY MOUNTING HEAVY OBJECTS ON WALLS WITH RESILIENT CHANNEL

The PAC-Resilient Channel Backer (RCB) is designed for use with all resilient channel wall systems where support for heavy loads like cabinets, bookshelves, headboards, etc., is required. The PAC-RCB is a simple yet effective solution that works on wood and steel studs of all sizes and spacings.

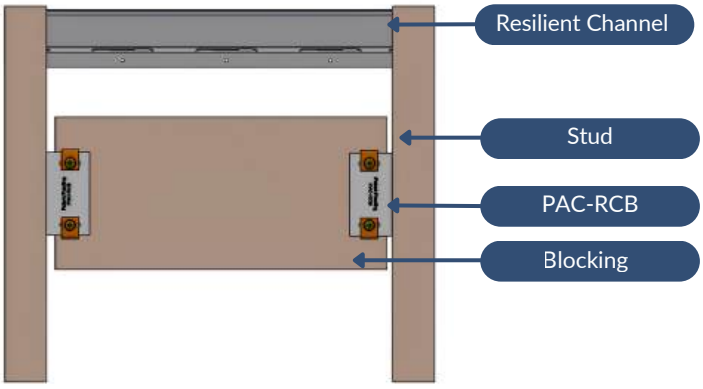
The PAC-RCB mounts directly to the face of a stud and provides the proper offset so that the horizontal backer is flush with the resilient channel when installed. Backers can either be nominally 2" thick wood (2x4, 2x6, etc.) or steel box beams formed of steel track and studs. The backer is decoupled from the PAC-RCB bracket using PAC's proprietary rubber isolators and specially designed screws.

TYPES OF SYSTEMS

WOOD

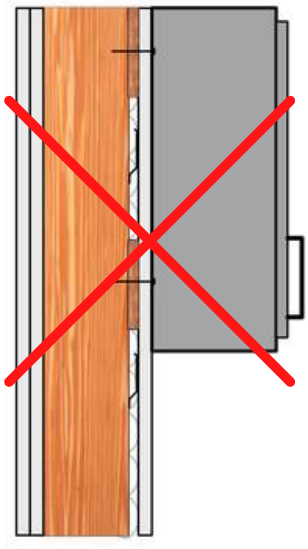


STEEL



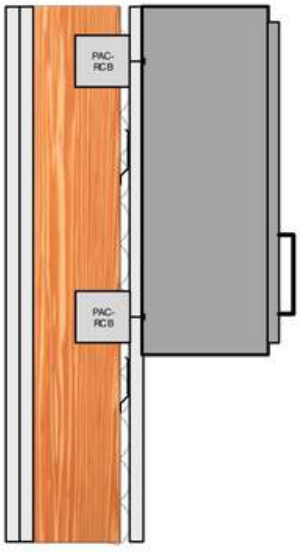
EXAMPLE

DOES NOT MEET CODE MINIMUM



Base Wall + Cabinets & Plywood Backing

EXCEEDS CODE MINIMUM



Base Wall + Cabinets & **PAC-RCB**

SPECIFICATIONS

Design Acoustical Load (per unit)	25 lbs
Design Acoustical Load (system)	50 lbs
Cavity Depth (from face of stud)	1/2"
Use in Walls	Yes
Use in Ceilings	Yes
Use in New Construction	Yes
Assembled in USA	Yes

MONROE APARTMENTS

MILWAUKIE, OREGON

PRODUCT

PAC-RCB

OVERVIEW

The PAC-RCBs found their place in the newly constructed Monroe Apartments in Milwaukie, Oregon. Specifically selected by the acoustical consultants for the project, these PAC-RCBs were instrumental in preserving the acoustical performance of the walls, especially when mounting cabinets and other heavy items.

PROJECT DETAILS

234 apartments; studio, one-, two-, & three-bedroom units and live/work units, 495-1,198 square feet. clubhouse with kitchen, lounge, conference room, fitness center, and yoga studio.

DISTRIBUTOR

GTS Interior Supply in Hillsboro, OR

PAC-RCB

Eliminates short-circuits caused by mounting heavy objects on walls with resilient channel

Tested to maintain the acoustical performance of the base wall

Options available for resilient channel with and without PAC RC-1 Boost

Included in all UL assemblies where the RSIC-1 and RSIC-V are listed

RSIC®-SI-X

CLASSIFIED C UL US

INNOVATIVE, LOW-PROFILE SPRING ISOLATOR

THE NEXT GENERATION OF SOUND ISOLATION

MADE IN THE USA

PAC's RSIC-SI-X is a new patented low-profile spring isolator that provides superior low-frequency isolation compared to typical rubber sound isolation clips.

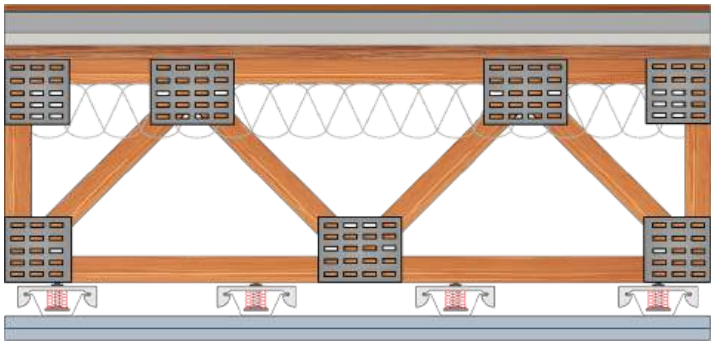
The RSIC-SI-X is designed for faster and easier installation compared to industry-standard 1" deflection springs. It attaches directly to the underside of the structure and requires no additional backing. With an acoustical design load ranging from 7 lbs. to 26 lbs. per isolator, the RSIC-SI-X clip can support up to two layers of 5/8" gypsum board when spaced at 16" x 48" on center.

LOAD OPTIONS

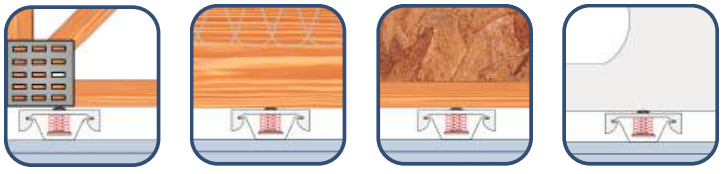
White
7 lbs

Blue
13 lbs

Red
26 lbs



TYPES OF SYSTEMS



Wood Open Web Truss

Wood Solid Joist

Wood "I" Joist

Steel Joist

APPLICATIONS

- Commercial Spaces
- Apartment Buildings
- Conference Rooms
- Theaters

SPECIFICATIONS

Design Acoustical Load	7-26 lbs
Total Deflection	3/8""
Cavity Depth	1 7/8"
Use in Ceilings	Yes
Use in New Construction	Yes
Use in Retrofit	Yes
Spring Isolation	Yes
Rubber Isolation	Yes
Pre-Calibrated	Yes
Pre-Assembled	Yes
Made in USA	Yes

TESTED, ENGINEERED, DESIGNED, CALIBRATED, & MADE IN THE USA

RSIC®-SI-X Variants

RSIC®-SI-X ADM MULTI CLIP

- Can be shot into concrete decks for fast installation
- Low-profile and lower-cost spring isolator
- Eliminates extra cost and labor of cold-rolled channel
- Adjustable plenum depths from ~3" to 6" (custom lengths available)

The innovative multi clip with the RSIC-SI-X creates a fast and easy-to-install isolator that is an ideal alternative to standard 1” deflection ceiling spring isolators. Its low profile makes it ideal for situations where high levels of sound isolation are required, and ceiling height is at a premium. It is commonly used for apartment and hotel amenity spaces and in high-end condominiums.

RSIC®-SI-X 1.5 CRC

- Attaches directly to cold-rolled channel (aka black iron)
- Reduces potential conflicts with MEP
- Eliminates conflicts with sway bracing, uplift struts, etc.
- Recommended plenum depth 12"+

The RSIC-SI-X CRC is designed for use with any joist or concrete application where a dropped drywall ceiling is required. The CRC top clip snaps onto cold rolled channel, allowing for all of the wires/pencil rods, sway bracing, and uplift struts supporting the cold rolled channel to be hard connected to the ceiling above.

RSIC®-SI-X Variants

RSIC®-SI-X LP

- Mounts to the side of solid wood joists, wood I-joists, or wood open-web trusses
- Allows the hat channel to be run parallel to the joists/trusses to minimize the ceiling drop

The RSIC-SI-X LP comes with a triangular mounting bracket that allows it to be mounted directly to the side of a joist. This allows the hat channel to be run between the joists to maximize the ceiling height with a cavity between the joists and gypsum board as small as ½". This provides high levels of sound isolation with a minimal drop in ceiling height.

RSIC®-SI-X EXT04

- Mounts to the side of solid wood joists, wood I-joists, or wood open-web trusses
- Allows the ceiling height to be adjusted by changing the placement of the bracket to accommodate for joists/trusses that aren't level or to create space for small MEP equipment like conduit and pipes

The RSIC-SI-X EXT04 is designed for use where an additional drop for HVAC, plumbing, or electrical chases is needed. This clip gives you the flexibility to drop a ceiling as much as 4" from its original height. The RSIC-SI-X EXT04 is also used to level out uneven floor joists. This clip has proven to be very popular with the home theater industry.

330 LAFAYETTE ST
NEW YORK, NEW YORK

PRODUCT

RSIC®-SI-X

DISTRIBUTOR

Feldman Lumber

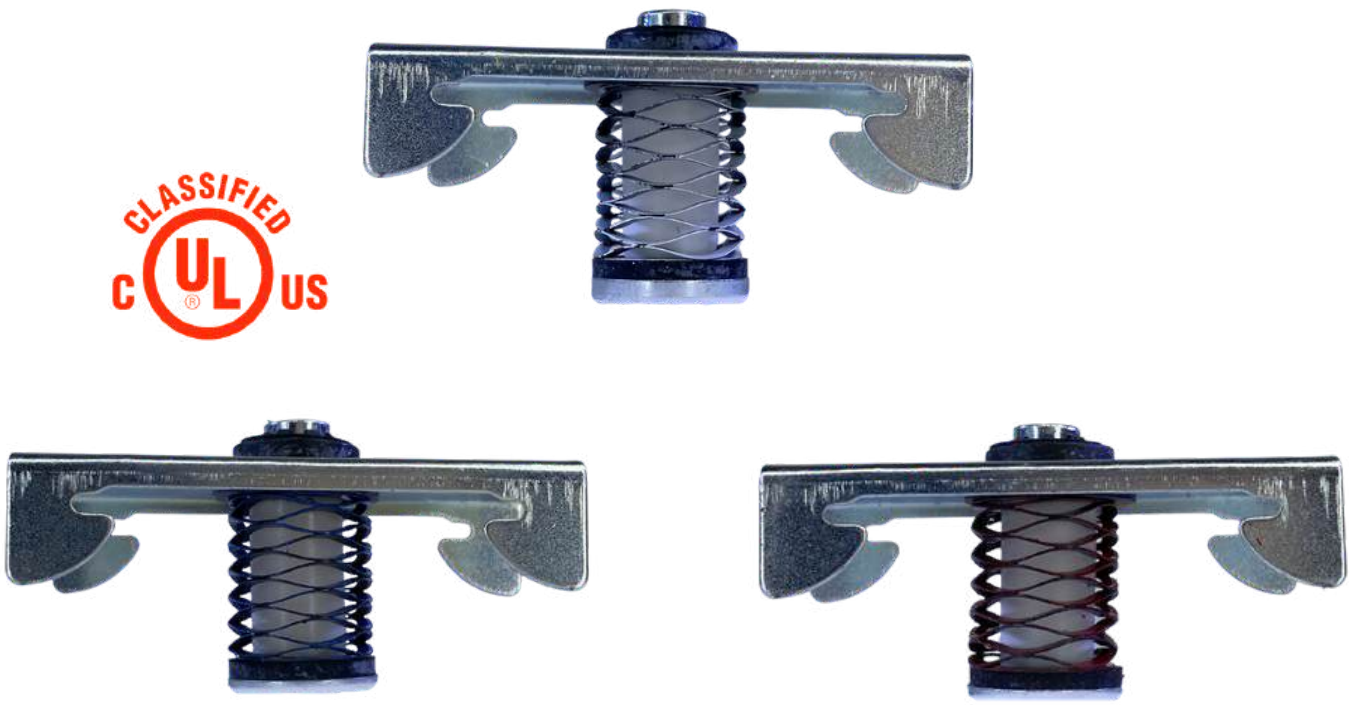
OVERVIEW

The PAC RSIC-SI-X sound isolation clips were installed in a mixed-use building in New York, new York. These spring isolators were strategically positioned within the ceiling to effectively curb noise transmission from the commercial areas below to the residential areas above, ensuring a serene atmosphere in the living spaces above.

PROJECT DETAILS

A historic 1910 NoHo loft condominium building, approximately eight stories tall, originally constructed for commercial and industrial use and later converted into boutique luxury residential lofts with a limited number of large, high-end units.

RSIC®-SI-X



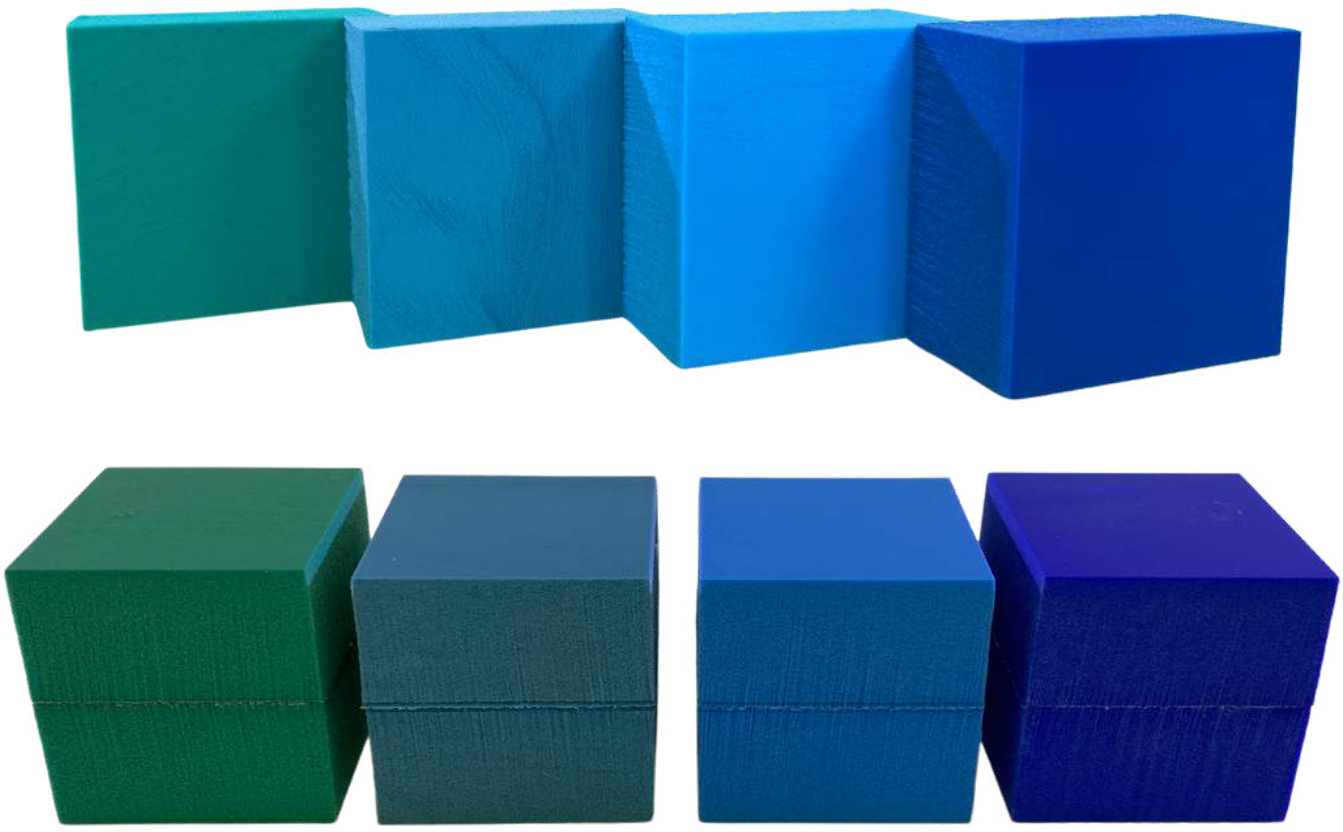
A lower-cost alternative to standard spring hangers

Superior low-frequency performance

Included in over 14 UL fire-resistive designs

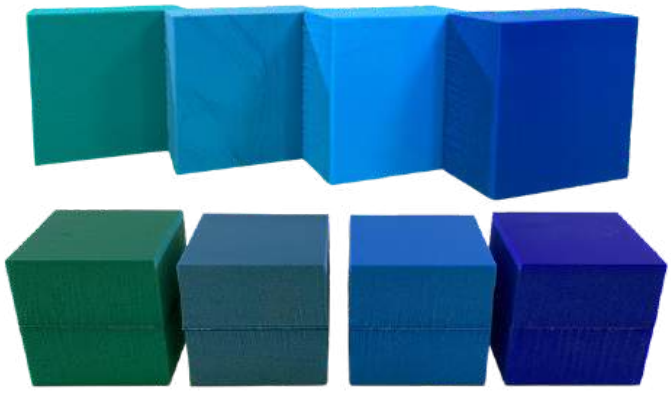
No layout required & easy to install

PAC-IFB



LOW-PROFILE & HIGH-PERFORMANCE FLOATING FLOORS

PAC ISOLATING FLOOR BLOCKS



Floating floors are a go-to solution when high levels of airborne and impact sound isolation are needed. The PAC-IFB1 and PAC-IFB2 are discrete isolators for floating floors that are designed to provide high performance in a low-profile form factor. Available in a variety of load ranges with detailed product performance data for all, the PAC-IFB has the data engineers need to create solutions that work. The PAC-IFB is made from the same elastomeric material that's been used for years in Europe for whole-building vibration isolation, so you know it's a reliable long-term solution.

APPLICATIONS

- Cinemas & Clubs
- Bowling Alleys
- Fitness Facilities
- Ballrooms
- Theaters/Auditoriums
- Gymnasiums
- Dance Studios
- Spin/Cycle Rooms

STANDARD GRADES

170 260 400 650

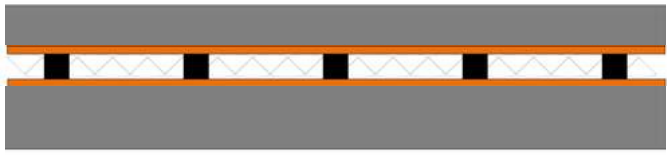
OTHER GRADES AVAILABLE

10 16 26 40 65 110 950 1300 1900

TYPICAL ASSEMBLIES

2" PAC-IFB with Plywood

2" PAC-IFB with 4" Concrete



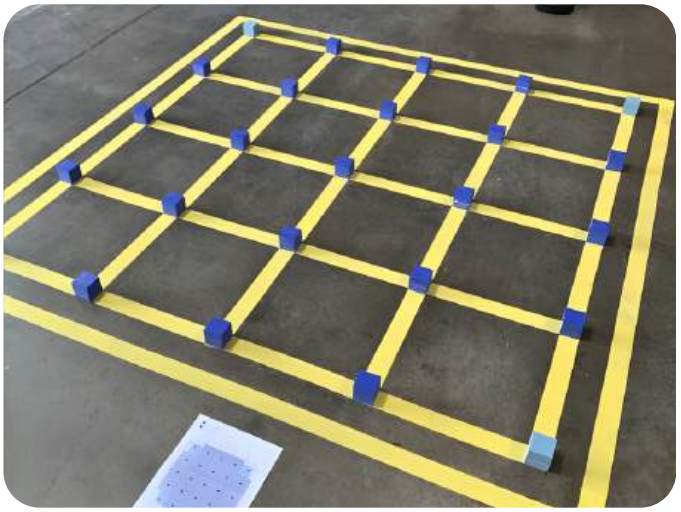
1" PAC-IFB with 5-ply Cross Laminated Timber

SPECIFICATIONS

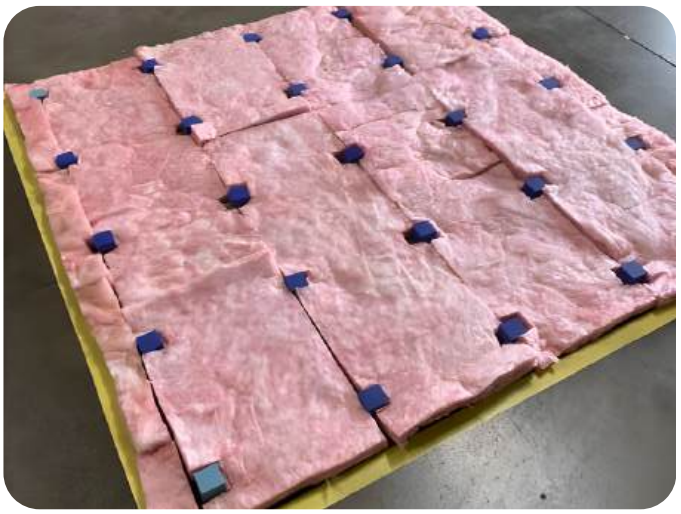
Standard Thicknesses	1" & 2"
Available Material Grades	13
Custom Shapes & Sizes	Yes
Manufacturer Supplied Layout	Included
Cavity Minimum	1"
Use in New Construction	Yes
Use in Retrofit	Yes
Use in Floors	Yes

PAC-IFB

Layout

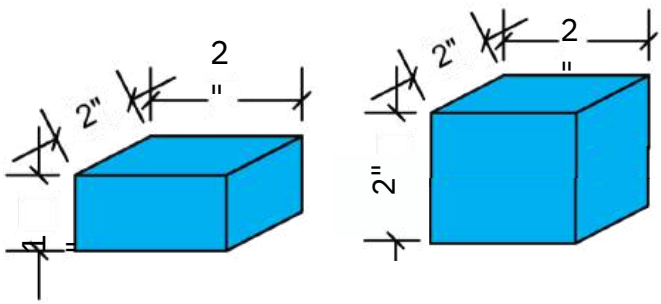


Insulation



Plywood

- Isolator sizes
  - Typically 2"x2" squares that are 1" or 2" thick
  - Custom sizes and thicknesses available
- Isolator spacing
  - Typically 16" x 16"
  - Spacing can be decreased to accommodate heavier loads
  - Isolators can be held in place with spray adhesive
- Insulation
  - Supplied by others for flexibility and ease of shipping
  - Fiberglass, mineral wool, and other fibrous insulations can be used
  - 2" thick insulation can be used with 1" or 2" PAC-IFBs

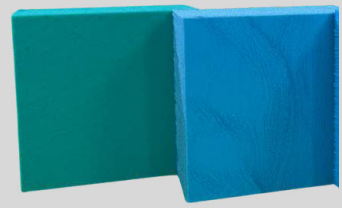


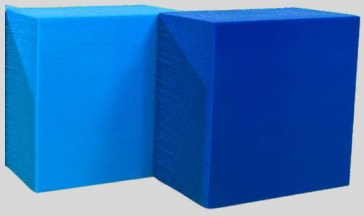
THE COLORADO

NEW YORK, NEW YORK

PRODUCT

PAC-IFB1"





DISTRIBUTOR

NetWell Noise Control

OVERVIEW

The PAC-IFB1" was installed in the Colorado located in New York, New York. PAC-IFB1" was used as part of the building's floating floor acoustic isolation strategy in the fitness center located above the residential units, to reduce vibration and improve sound separation in a luxury high-rise condominium environment.

PROJECT DETAILS

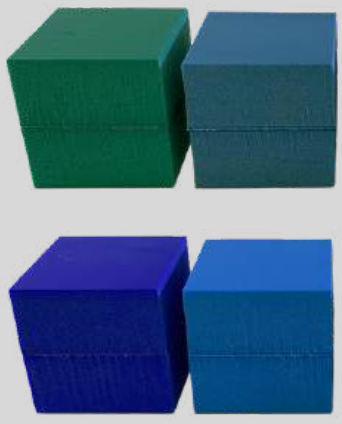
The Colorado is a 35-story rental high-rise on Manhattan's Upper East Side, built in the mid-1980s, containing approximately 175–256 units. The building offers full-service amenities including fitness center, and roof deck, with apartments ranging from studios to larger multi-bedroom layouts

MURDER OF CROWS BARBELL CLUB

BROOKLYN, NY

PRODUCT

PAC-IFB2"



DISTRIBUTOR

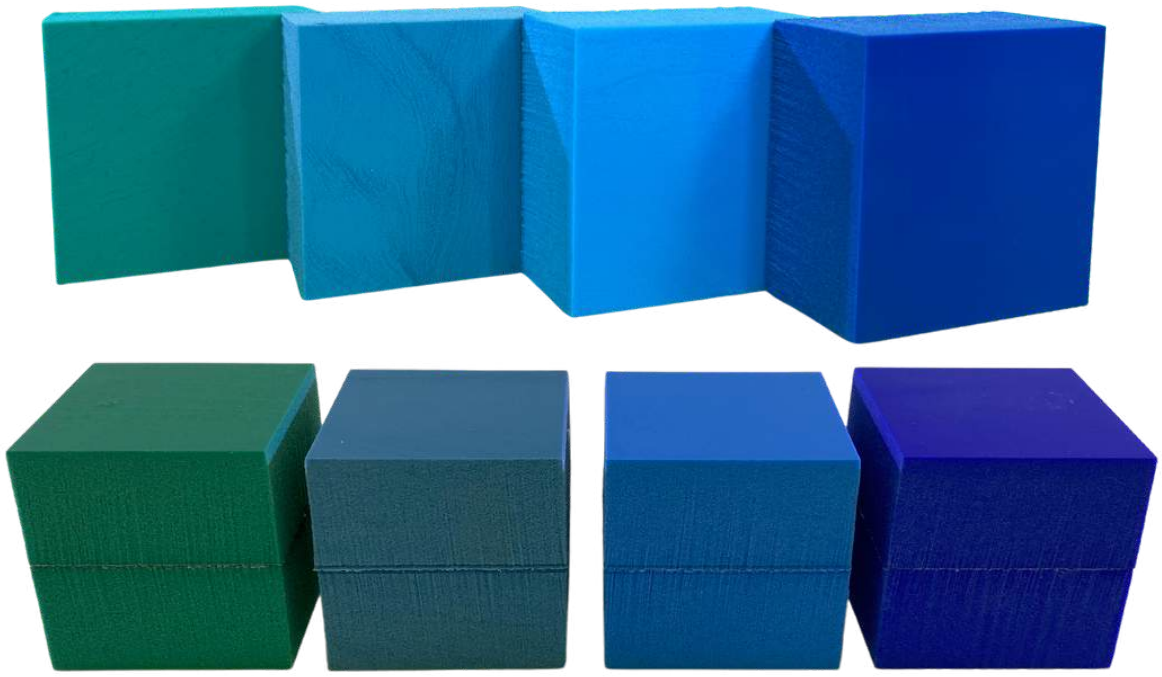
NetWell Noise Control

OVERVIEW

The PAC-IFB2" was installed in the M of C barbell gym located in Brooklyn, New York. They were strategically placed under the impact zones of the gym. Between structural framing and subfloor system to reduce vibration transfer to other facilities.

PROJECT DETAILS

Industrial warehouse-style commercial building designed for high-impact barbell training, heavy load drops, and athletic performance use, featuring approximately 4,000 square feet of training space.



Detailed load vs. natural frequency data

Low-profile systems with high performance

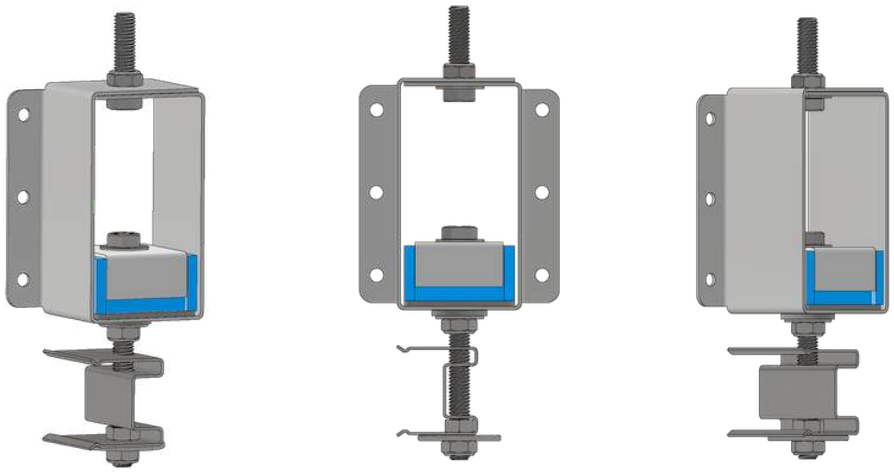
Natural frequency down to 7.5 Hz

Low creep

RSIC®-ADAPT

SPRING PERFORMANCE WITH RSIC-1® SIMPLICITY

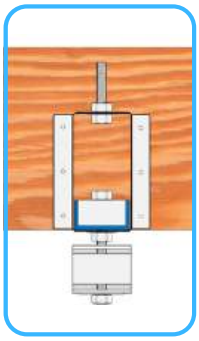
SPRING PERFORMANCE WITH RSIC-1® SIMPLICITY



The RSIC-Adapt is a high-performance, fully adaptable ceiling isolator engineered for use with all typical ceiling systems: drywall grid, CRC and hat channel, Unistrut, and hat channel in RSIC clips. It's proprietary foam-based design enables seamless installation on wood joists/trusses, steel joists, mass timber, and concrete structures - no modifications or shop drawings required.

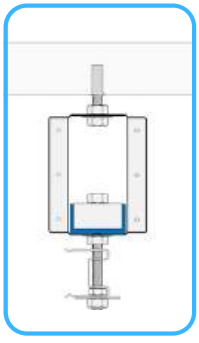
Backed by PAC International's 50 years of construction, it may be the easiest hanger you'll ever install!

MOUNTING OPTIONS



RSIC®-ADAPT *Side Mount*

Side mount to wood or steel



RSIC®-ADAPT *Top Mount*

Top mount to concrete or mass timber

SPECIFICATIONS

Design Acoustical Load	Up to 160 lb
Total Deflection	less than 1/8"
Natural Frequency	12-14 Hz
Adjustable	Yes
Use in Ceilings	Yes
Minimum Cavity Depth	6-1/2"
Use in New Construction	Yes
Use in Retrofit	Yes
Pre-Compressed	N/A
Pre-Assembled	Yes
Vibration Isolation	Yes

RSIC®-ADAPT

RSIC-ADAPT delivers a clear acoustic performance advantage across key sound control metrics. When compared to traditional Kinetics ICC and PAC RSIC-SI-FF 3/8 BC systems, RSIC-ADAPT demonstrates improved impact and airborne sound isolation while maintaining the same high STC rating of 70. With higher IIC and HIIC values than Kinetics ICC, RSIC-ADAPT offers enhanced impact noise reduction, making it an ideal solution for multifamily, hospitality, and commercial applications where acoustic comfort matters most. This balanced performance positions RSIC-ADAPT as a high-value, high-efficiency isolation solution without added system complexity.

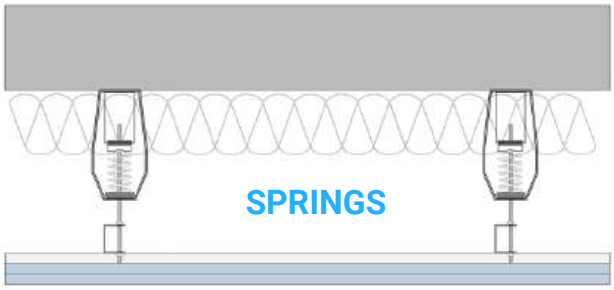
Test Results Comparison

PAC International

0031-169.2R1 (Maxxon)

CONSTRUCTION
- Bare
- 6" (152mm) Concrete Slab
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- 14" (356mm) Airspace
- Kinetics ICC @ 48" x 48" oc. (1219x1219mm)
- Drywall Furring Channel @ 16" oc. (406mm)
- 2 Layers 5/8" (16mm) PABCO Type C Gypsum Board

STC: 70 IIC: 62 HIIC: 64

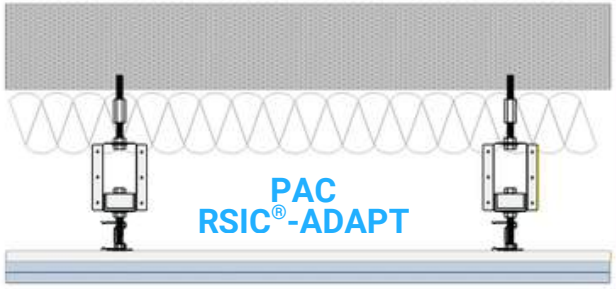


PAC International

0031-177.1 (Maxxon)

CONSTRUCTION
- Bare
- 6" (152mm) Concrete Slab
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- 14" (356mm) Airspace
- PAC RSIC-ADAPT @ 48" x 48" oc. (1219x1219mm)
- 1-1/2" (38mm) Cold Rolled Channel @ 48" o.c. (1219mm)
- Drywall Furring Channel @ 16" oc. (406mm)
- 2 Layers 5/8" (16mm) PABCO Type C Gypsum Board

STC: 70 IIC: 68 HIIC: 68

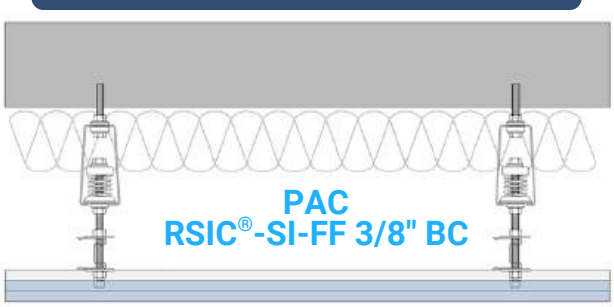


PAC International

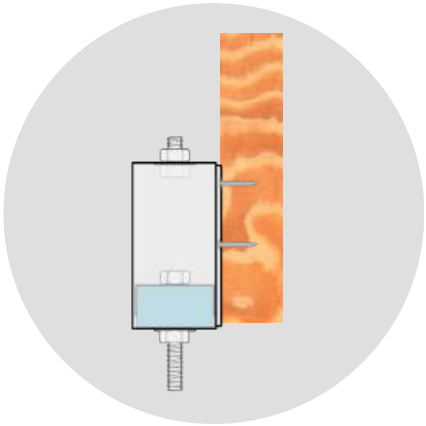
0031-169.3R1 (Maxxon)

CONSTRUCTION
- Bare
- 6" (152mm) Concrete Slab
- 3-1/2" (89mm) R-13 Fiberglass Insulation
- 14" (356mm) Airspace
- PAC RSIC-SI-FF 3/8 BC @ 48" x 48" oc. (1219x1219mm)
- Drywall Furring Channel @ 16" oc. (406mm)
- 2 Layers 5/8" (16mm) PABCO Type C Gypsum Board

STC: 70 IIC: 70 HIIC: 68



RSIC®-ADAPT VARIATIONS

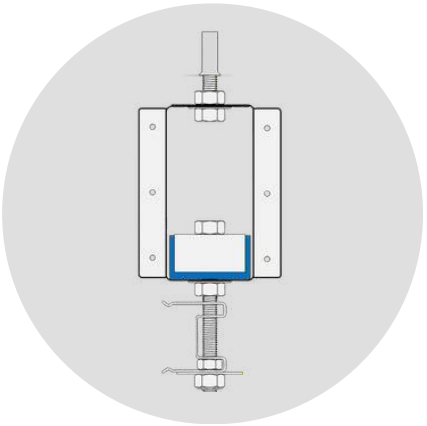


RSIC®-ADAPT
Side Mount installation

- Can be mounted to wood or steel trusses/joists
- Minimal deflection = less ceiling drop/tighter tolerances
- Field-adaptable for construction variations - no need for revised shop drawings
- Versions for:
  - Cold-rolled channel and hat channel
  - Drywall grid

RSIC®-ADAPT
Top Mount Isolation

- Mounts directly to the underside of concrete, metal decks, & mass timber
- Easy installation of seismic bracing
- Minimal deflection = less ceiling drop/tighter tolerances
- Field-adaptable for construction variations - no need for revised shop drawings
- Versions for:
  - Cold-rolled channel and hat channel
  - Drywall grid

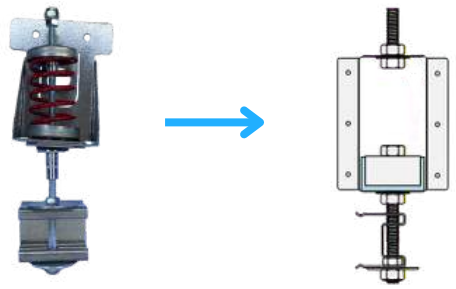


RSIC®-ADAPT FEATURES

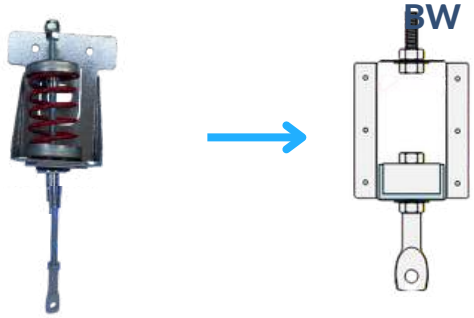
ADAPT: Smart Made Simple

Equivalent for Joist/Truss

RSIC-SI-CRC EZ → RSIC-ADAPT-BC



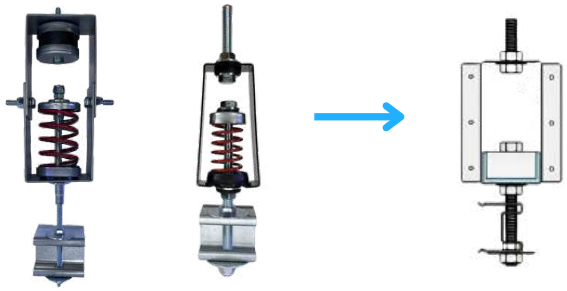
RSIC-SI-WHI → RSIC-ADAPT-BW



Equivalent for Concrete

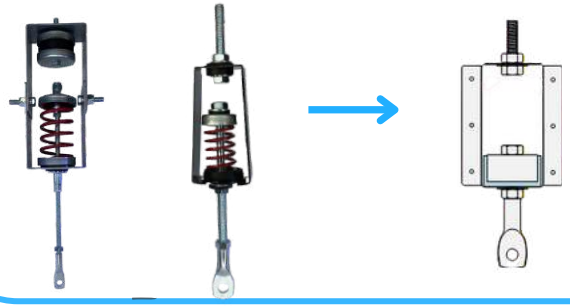
RSIC-SI-FF 1/4" WC, RSIC-SI-FF 3/8" WC → RSIC-ADAPT-WC

RSIC-SI-FF 1/4" BC, RSIC-SI-FF 3/8" BC → RSIC-ADAPT-BC



RSIC-SI-FF 1/4" WW, RSIC-SI-FF 3/8" WW → RSIC-ADAPT-WW

RSIC-SI-FF 1/4" BW, RSIC-SI-FF 3/8" BW → RSIC-ADAPT-BW



RSIC®-ADAPT

No layout required, in stock and ready to ship

One type for the whole ceiling at a specific load

Superior acoustical performance compared to traditional springs

Universal side or top mount

SPRING ISOLATORS

RSIC®-SI-1 Ultra **RSIC®-SI-WHI** **RSIC®-SI-CRC EZ**

CLASSIFIED C UL US

CLASSIFIED C UL US

CLASSIFIED C UL US

HIGH-PERFORMANCE, SIDE-MOUNT SPRING & RUBBER HANGERS

TESTED, ENGINEERED, & DESIGNED IN THE USA

The RSIC-SI-1 Ultra is a high-quality and top-performing ceiling hanger for wood or steel joists that dramatically reduces low-frequency airborne and impact noise. This is done by decoupling and isolating the gypsum board from the structure, increasing the acoustical performance of the system by reducing the transfer of noise and vibration that would typically be allowed to transfer through the structure. The RSIC-SI-1 Ultra includes a RSIC-1 clip which allows hat channel to be snapped directly into the spring hanger. This innovation significantly reduces installation times compared to competing products.

Yellow
5 lbs

White
10 lbs

Blue
20 lbs

Green
30 lbs

Red
40 lbs

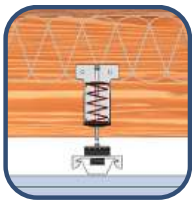
APPLICATIONS

- Condominiums
- Apartment Buildings
- Hospitality Spaces
- Mixed-Use Buildings

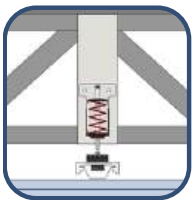
TYPES OF SYSTEMS

Wood Open Web Truss

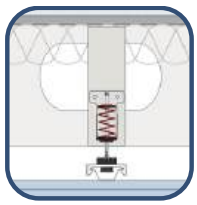
Wood "I" Joist



Wood Solid Joist



Steel Open Web Truss



Steel Joist

SPECIFICATIONS

Design Acoustical Load	5 lbs - 40 lbs
Total Deflection	1"
Pre-Loaded	Yes
Pre-Assembled	Yes
Adjustable	Yes
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Use in Retrofit	Yes
Spring Isolation	Yes
Rubber Isolation	Yes

THE INN AT DAYTON

DAYTON, OREGON

PRODUCT

RSIC®-SI-1 Ultra

DISTRIBUTOR

GTS Interior Supply in Portland, OR

OVERVIEW

The PAC RSIC-SI-1 Ultra spring isolators were installed at the Inn at Dayton in Dayton, OR. RSIC-SI-1 Ultra spring isolators help separate the ground-floor restaurant/lounge operations from the hotel rooms. The isolation system was incorporated to minimize structure-borne vibration and airborne noise transfer, supporting enhanced acoustic comfort for residents within the mixed-use development.

PROJECT DETAILS

Renovation of an early 1900s building into a two-story hotel. This boutique hotel features 12 rooms and is part of a mixed-use development.

TESTED, ENGINEERED, & DESIGNED IN THE USA

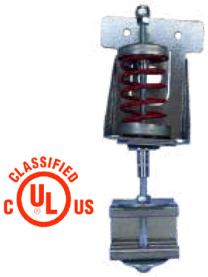
The RSIC-SI-CRC EZ is a high-quality and top-performing ceiling hanger for wood or steel joists that dramatically reduces low-frequency airborne and impact noise. This is done by decoupling and isolating the gypsum board from the structure, increasing the acoustical performance of the system by reducing the transfer of noise and vibration that would typically be allowed to transfer through the structure. The RSIC-SI-CRC EZ includes an innovative, labor saving EZ clip created by PAC International to ease installation by allowing the channel to be snapped into place. This innovation significantly reduces installation times compared to competing products.

Yellow
5 lbs

White
10 lbs

Blue
20 lbs

Green
30 lbs



Red
40 lbs

Silver
80 lbs

APPLICATIONS

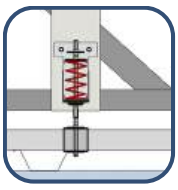
- Condominiums
- Apartment Buildings
- Hospitality Spaces
- Mixed-Use Buildings

TYPES OF SYSTEMS

Wood Open Web Truss

Wood "I" Joist

Wood Solid Joist



Steel Open Web Truss

Steel Joist

SPECIFICATIONS

Design Acoustical Load	5 lbs - 80 lbs
Total Deflection	1"
Pre-Loaded	Yes
Pre-Assembled	Yes
Adjustable	Yes
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Use in Retrofit	Yes
Spring Isolation	Yes
Rubber Isolation	Yes

COULTER PLACE

ARDMORE, PENNSYLVANIA

PRODUCT

RSIC®-SI-CRC EZ

OVERVIEW

The PAC RSIC-SI-CRC Ez spring isolators were installed at Coulter Place in Ardmore, PA. PAC RSIC-SI-CRC Ez system was installed as part of the residential ceiling acoustic isolation package, primarily to improve sound separation between apartments and shared amenity spaces in a luxury mixed-use development.

PROJECT DETAILS

Coulter Place is a new luxury residential development featuring 131 apartments within a five-story modern mixed-use building constructed above retail and dining space.

DISTRIBUTOR

Foundation Building Materials in Camden, NJ

TESTED, ENGINEERED, & DESIGNED IN THE USA

The RSIC-SI-WHI is a high-quality and top-performing ceiling hanger for wood or steel joists that dramatically reduces low-frequency airborne and impact noise. This is done by decoupling and isolating the gypsum board from the structure, increasing the acoustical performance of the system by reducing the transfer of noise and vibration that would typically be allowed to transfer through the structure. The RSIC-SI-WHI comes direct from the factory with a pre-installed wire eye-nut for easy installation of standard drywall grid ceilings.

Yellow
5 lbs

White
10 lbs

Blue
20 lbs

Green
30 lbs

Red
40 lbs

Silver
80 lbs

APPLICATIONS

- Condominiums
- Apartment Buildings
- Hospitality Spaces
- Mixed-Use Buildings

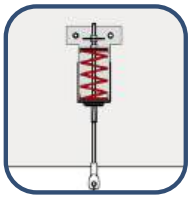
TYPES OF SYSTEMS

Wood Open Web Truss

Wood "I" Joist

Wood Solid Joist

Steel Open Web Truss



Steel Joist

SPECIFICATIONS

Design Acoustical Load	5 lbs - 80 lbs
Total Deflection	1"
Pre-Loaded	Yes
Pre-Assembled	Yes
Adjustable	Yes
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Use in Retrofit	Yes
Spring Isolation	Yes
Rubber Isolation	Yes

BARRE3

BEAVERTON, OREGON

PRODUCT

RSIC®-SI-WHI

OVERVIEW

The PAC RSIC-SI-WHI spring isolators was installed as part of the suspended ceiling acoustic isolation assembly, primarily to control impact vibration and airborne noise from high-energy fitness classes within a mixed-use commercial building.

PROJECT DETAILS

Commercial retail / fitness tenant space part of a multi-tenant shopping and lifestyle center, zoned for retail + service commercial uses

DISTRIBUTOR

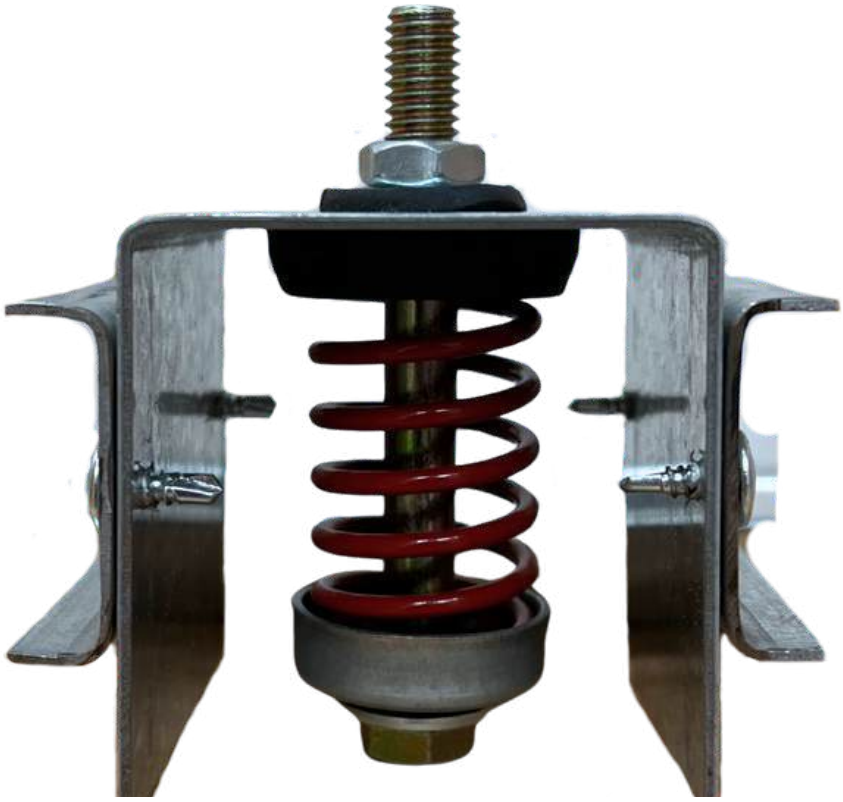
Foundation Building Materials in Beaverton, OR

- Pre-Assembled & Pre-Loaded
- Rubber and spring isolation
- Included in over 92 UL fire-resistive designs
- Labor saving attachment for drywall furring channel

- Pre-Assembled & Pre-Loaded
- Rubber and spring isolation
- Included in over 92 UL fire-resistive designs
- Labor-saving attachment for cold-rolled channel

- Pre-Assembled & Pre-Loaded
- Rubber and spring isolation
- Labor saving attachment for drywall grid
- UL approved

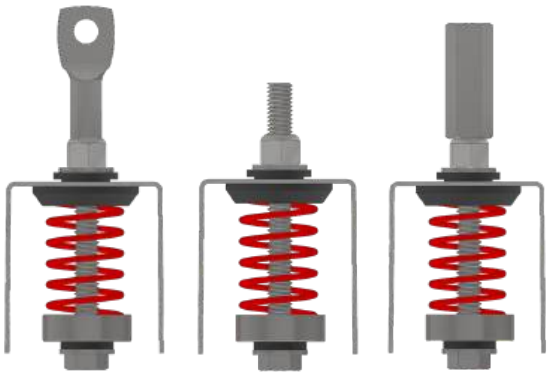
RSIC®-SI-CRC2 LP



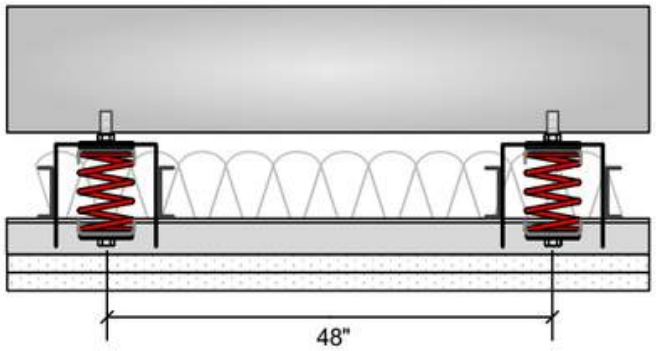
LOW-PROFILE 1" DEFLECTION SPRING ISOLATOR

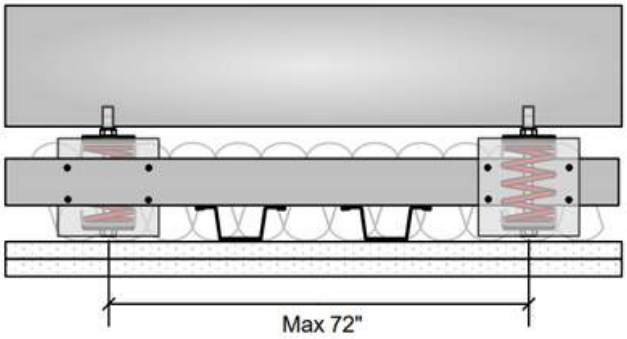
RSIC®-SI-CRC2 LP

TESTED, ENGINEERED, & DESIGNED IN THE USA



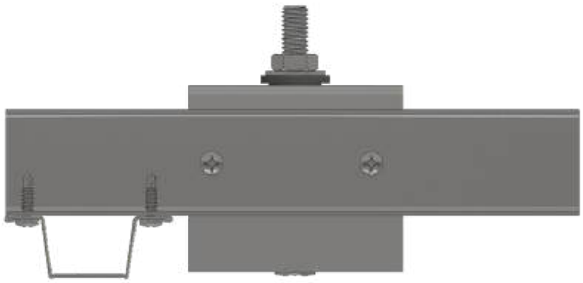
The RSIC-SI-CRC2 LP is a low-profile spring isolator that can be used in plenums as small as 3-5/8". This allows for the installation of high-performance noise barrier ceilings that maximize ceiling heights. The RSIC-SI-CRC2 LP has the added benefit of using two 1-1/2" 16ga cold-rolled channels which allows for spans of up to 6 ft. between springs. The springs come pre-loaded and fully assembled from the factory.

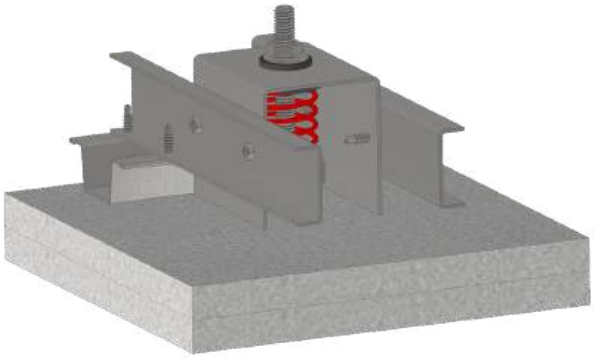




APPLICATIONS

- Condominiums
- Apartment Buildings
- Theaters
- Commercial Buildings



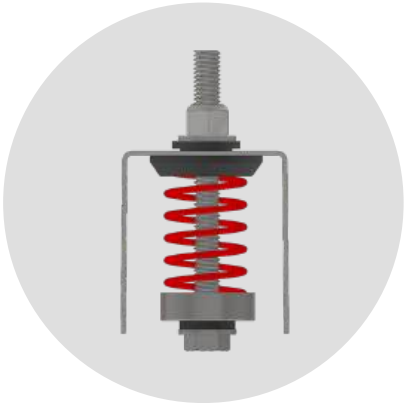


SPECIFICATIONS

Design Acoustical Load	10 lbs - 120 lbs
Total Deflection	1"
Pre-Loaded	Yes
Pre-Assembled	Yes
Adjustable	Yes
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Cavity Min	3-5/8"
Cavity Max	Unlimited

RSIC®-SI-CRC2 LP

- Low-profile 1" deflection spring isolator
- Can be mounted directly to the bottom of concrete slabs and composite decks
- Can be suspended using threaded rod, pencil rod, or wire
- Cold-rolled channel (CRC) mounted to both sides of the hanger allows for greater spans between isolators, reducing material and labor costs

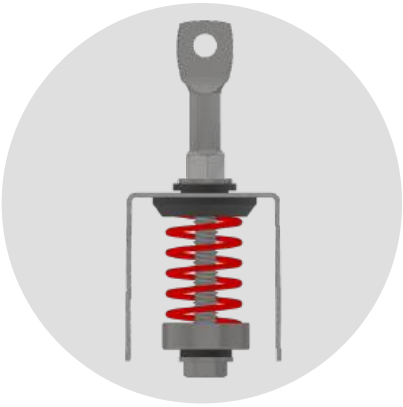


RSIC®-SI-CRC2 LP

- Can be bolted directly to the bottom of a concrete slab or composite deck
- Provides a minimum plenum depth of 3-5/8"
- Only requires one attachment point for mounting
- Can be bolted to Unistrut using standard Unistrut hardware

RSIC®-SI-CRC2 LPW

- Can be suspended using wire or pencil rod to create the required plenum depth
- Only requires one attachment point for mounting
- Provides the flexibility of using one isolator to accommodate multiple ceiling heights



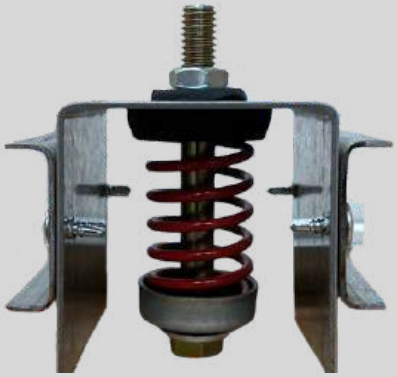
RSIC®-SI-CRC2 LPC

- Can be suspended using additional threaded rod to create the required plenum depth
- Only requires one attachment point for mounting
- Provides the flexibility of using one isolator to accommodate multiple ceiling heights

RSIC®-SI-CRC2 LP

PRODUCT

RSIC®-SI-CRC2 LP



CLYDE EBBITT

RESTON, VIRGINIA

OVERVIEW

The PAC RSIC-SI-CRC2 LP spring isolators were installed at the new Clyde's Ebbitt House in Reston, VA. RSIC-SI-CRC2 LP spring isolators help separate the ground-floor restaurant and bar operations from the residential units above. The isolation system was incorporated to minimize structure-borne vibration and airborne noise transfer, supporting enhanced acoustic comfort for residents within the mixed-use development.

PROJECT DETAILS

Approximately 300 indoor seats, two interior bars, a dedicated oyster and raw bar, and an additional 125-seat outdoor patio complete with its own bar area

DISTRIBUTOR

Smith & Haines

TROY MUSIC HALL

TROY, NEW YORK

PROJECT DETAILS

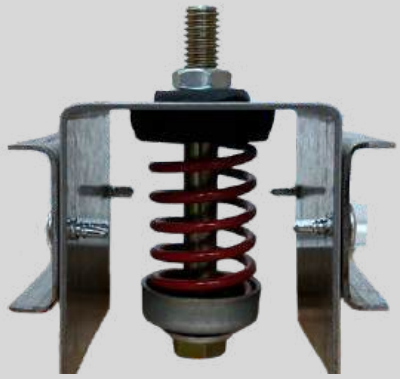
Recent renovation and expansion efforts have focused on preserving the hall's historic acoustic performance while modernizing the facility. A multi-phase project known as the "Music Hub" expansion includes redevelopment of the former bank space beneath the hall into rehearsal rooms, educational spaces, event venues, and community-use areas.

OVERVIEW

The RSIC-SI-FF-BRC EZ was used in the event space of the Troy Saving Music hall. It was used in ceiling isolation applications to reduce structure-borne vibration and airborne noise transmission in performance and music venues

PRODUCT

RSIC®-SI-CRC2 LP

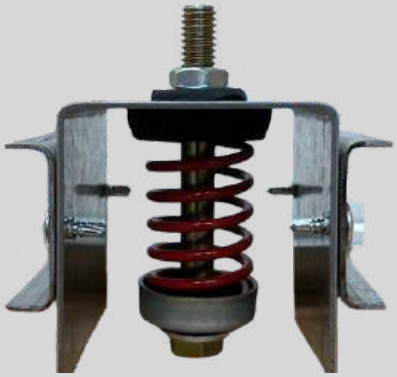


DISTRIBUTOR

Metro Interior Distributors

PRODUCT

RSIC®-SI-CRC2 LP



ONE HARBOR SHORE-FAN PIER
BOSTON, MASSACHUSETTS

OVERVIEW

PAC International's RSIC-SI-CRC2 LP spring isolators were incorporated to help reduce structure-borne vibration and airborne sound transmission between occupied spaces. These systems are commonly utilized in high-end mixed-use and multifamily developments such as Fan Pier to improve acoustic privacy and resident comfort.

PROJECT DETAILS

14-story luxury residential tower containing approximately 122 condominium units. Luxury waterfront living with panoramic harbor and skyline views. The building includes structured parking, amenity areas, and direct access to the Harbor walk and surrounding public spaces within the Seaport neighborhood

DISTRIBUTOR

Waltham Lumber

HARVARD BUSINESS SCHOOL- CHASE BUILDING
BOSTON, MASSACHUSETTS

PROJECT DETAILS

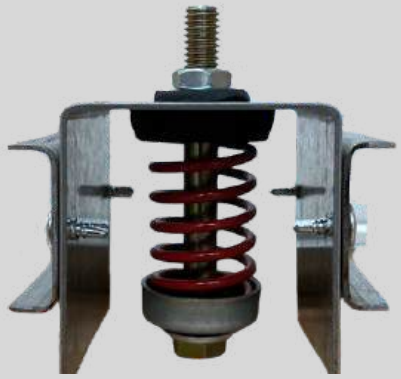
Chase Hall is a four-story, 50,000-square-foot student residence hall. Originally designed to serve as housing for MBA students, Chase Hall accommodates participants in the School's Program for Management Development.

OVERVIEW

The PAC RSIC-SI-CRC2 LP spring isolators were installed in the Chase hall at Harvard Business School located in Boston, MA. RSIC-SI-CRC2 LP spring isolators were installed in the customer/generator room at Chase Hall to provide vibration and structure-borne noise isolation within the facility.

PRODUCT

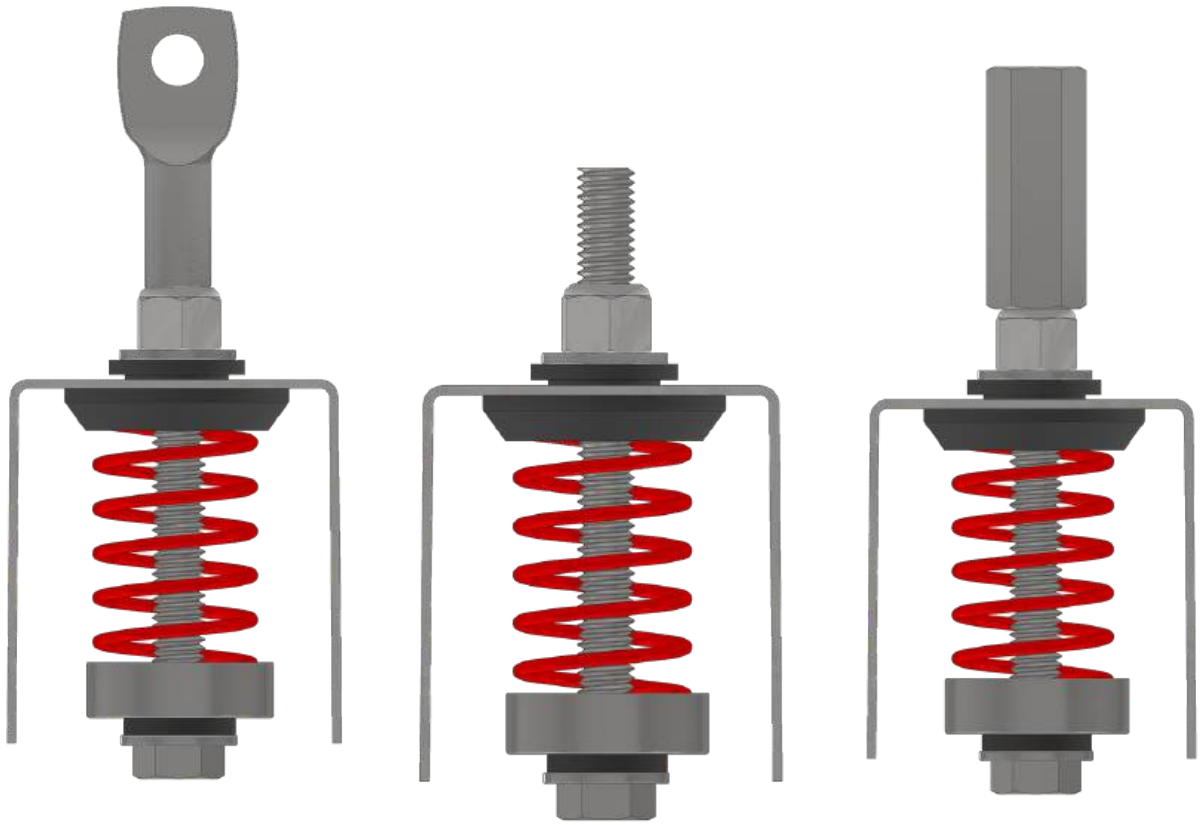
RSIC®-SI-CRC2 LP



DISTRIBUTOR

L&W Supply in Millbury, MA

RSIC®-SI-CRC2 LP



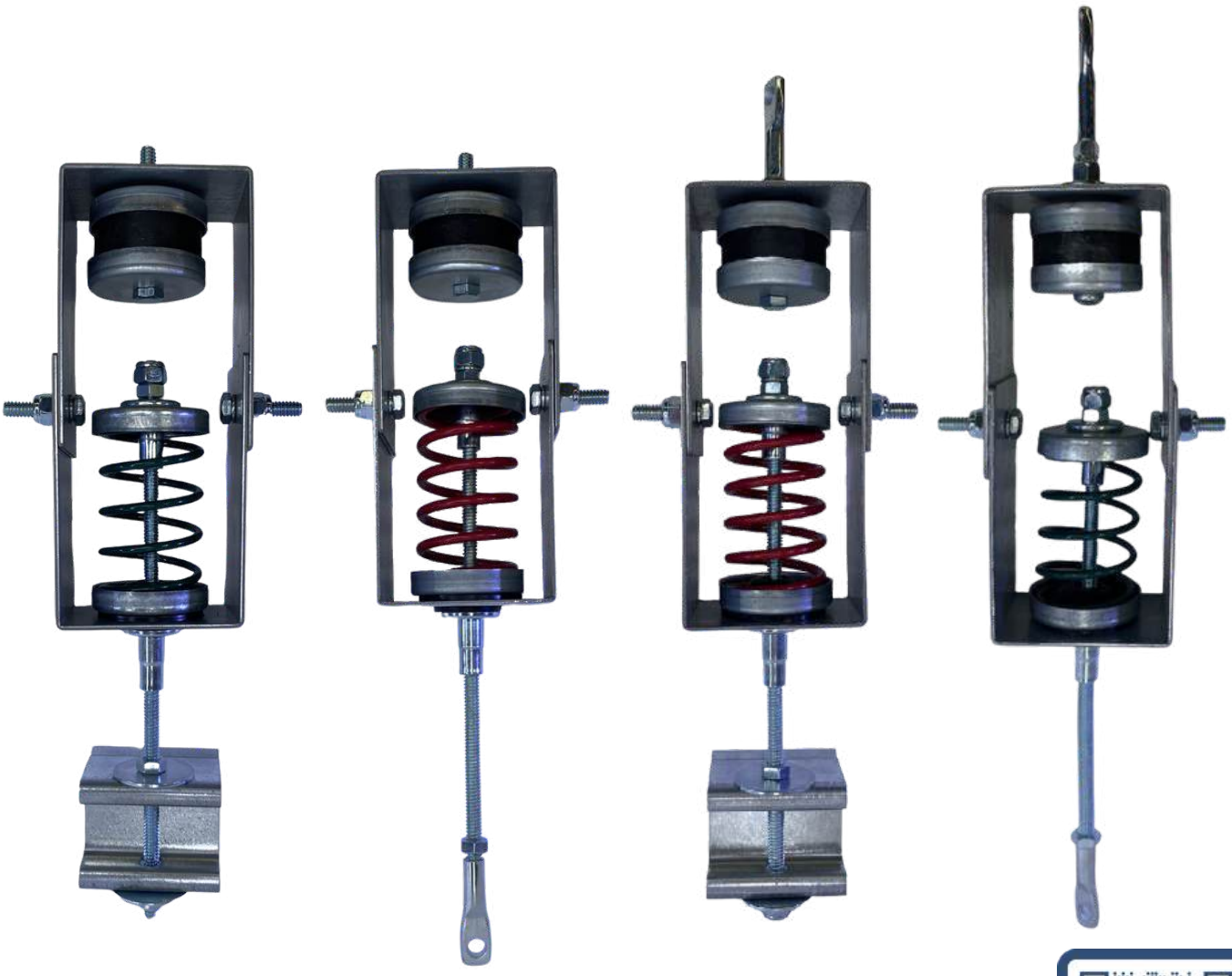
Pre-Assembled and Pre-Loaded

Attachments for multiple mounting options

High-performance spring and rubber isolation

In stock and shipping now

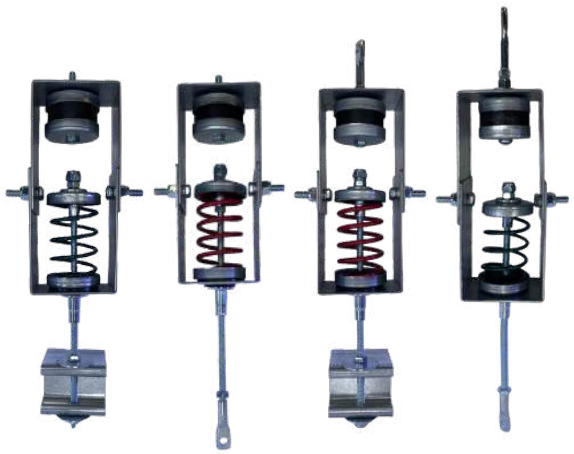
RSIC®-SI-FF



HIGH-PERFORMANCE, TOP-MOUNT SPRING & RUBBER ISOLATOR

PRE-LOADED, & PRE-ASSEMBLED IN THE USA

The RSIC-SI-FF is a full-frame spring and rubber isolator that can be directly attached to concrete (BRC) or used with hanger wire (WRW) to support cold rolled channel (CRC) or drywall grid ceilings (BRW). This product features an innovative, mid-bracket hinged frame to compensate for mis-aligned installations. This is similar to the 15 degrees of vertical alignment compensation provided by competitors, but PAC's innovative hinged frame provides a much larger range of alignment compensation.



MOUNTING OPTIONS

RSIC®-SI-FF-WRC EZ
Wire top mount, rubber isolator, channel bottom mount

RSIC®-SI-FF-BRC EZ
Bolt top mount, rubber isolator, channel bottom mount

RSIC®-SI-FF-WRW
Wire top mount, rubber isolator, wire bottom mount

RSIC®-SI-FF-BRW
Bolt top mount, rubber isolator, wire bottom mount

SPECIFICATIONS

Design Acoustical Load	5 lbs - 80 lbs
Total Deflection	1"
Adjustable	Yes
Cavity Minimum	12"
Cavity Maximum	Unlimited
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Use in Retrofit	Yes
Pre-Assembled	Yes
Pre-Loaded	Yes
Spring Isolation	Yes
Rubber Isolation	Yes

APPLICATIONS


MECHANICAL ROOMS


RETAIL SPACES


MULTIFAMILY BUILDINGS


THEATERS


PERFORMING ARTS VENUES

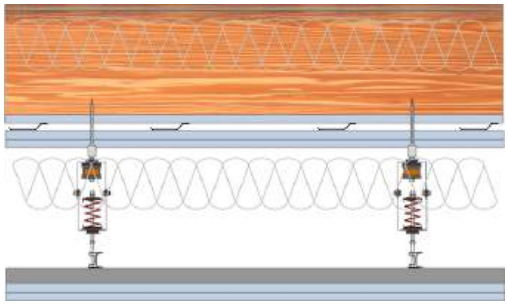

CONFERENCE ROOMS


RECORDING STUDIOS

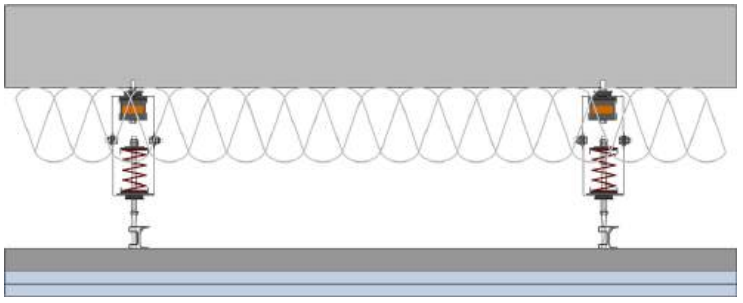

FITNESS FACILITIES

TYPES OF SYSTEMS

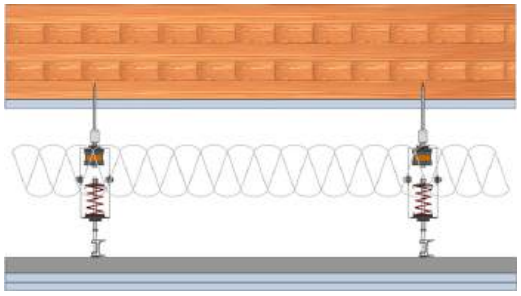
Springs Under 2-Hour Wood Assembly



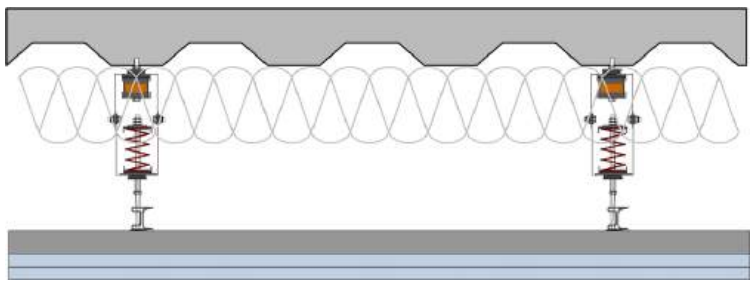
Springs Under Concrete Assembly



Springs Under Mass Timber Assembly



Springs Under Corrugated Deck Assembly



PRODUCT

RSIC®-SI-FF-WRC

ORA SEAPORT
BOSTON, MASSACHUSETTS

OVERVIEW

The PAC RSIC-SI-FF-WRC EZ spring isolators were installed in the luxury apartments located in the Ora Seaport. The RSIC-SI-FF-WRC EZ was used to acoustically isolate the project's ground floor retail and restaurant space from the living units and hotel rooms above to ensure quality noise control for their residents.

PROJECT DETAILS

Dual-branded luxury apartments & Hyatt Hotel

Luxury Apartments: 300,000 sq ft, 304 residential units, rooftop pool, club room, and terrace

Hyatt Hotel: 294 rooms, 200,000 sq ft, rooftop pool and fitness center

DISTRIBUTOR

Robert N. Karpp Co., Inc.

SUNSET PIER 94 STUDIOS
NEW YORK, NEW YORK

PROJECT DETAILS

Sunset Pier 94 Studios provides purpose-built sound stages with modern infrastructure required by today's leading content creators. Additionally, Sunset Pier 94 features river views and top-notch amenities, including: 6 sound stages, 4 private production suites, premium support spaces, & high-tech infrastructure.

OVERVIEW

With six purpose-built sound stages and extensive production support spaces, the integration of resilient isolation systems like the RSIC-SI-FF-BRC plays a key role in achieving the high-performance acoustic standards required for modern film and television production facilities in dense urban environments such as Manhattan.

PRODUCT

RSIC®-SI-FF-BRC

DISTRIBUTOR

Hi-Lume Corporation

PRODUCT

RSIC®-SI-FF-WRW

ONE RIVER NORTH
DENVER, COLORADO

OVERVIEW

The PAC RSIC-SI-FF-WRW spring isolators were installed in the luxury apartments located in Denver, Colorado. The RSIC-SI-FF-WRW was used in the penthouse suite to decouple and isolate the gypsum board ceilings from the rooftop deck, pool and outdoor space above to ensure quality noise control for the residents.

PROJECT DETAILS

Multi-family, 16 Stories, 343,000 sq ft of luxury residences, 9,000 sq ft of retail, studio to 3-bedroom residences, rooftop pool, deck, outdoor environments, fitness center, and indoor/outdoor yoga studio

DISTRIBUTOR

Western Interior Supply

LIFETIME COUNTRY CLUB AND GYM
BROOKLYN, NEW YORK

PROJECT DETAILS

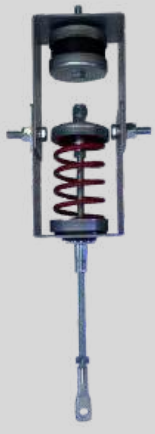
55,000 sq ft, studio classes, a 25-yard lap pool, basketball gym, exclusive memberships, dining, rehab and chiropractor, childcare, child swim and play, and a spa

OVERVIEW

The PAC RSIC-SI-FF-BRW spring isolators were installed in the country club and gym located in Brooklyn, New York. The RSIC-SI-FF-BRW was used in the yoga studio and cycle room to decouple and isolate the gypsum board or sheet goods from the residential units above to ensure quality noise control for the residents.

PRODUCT

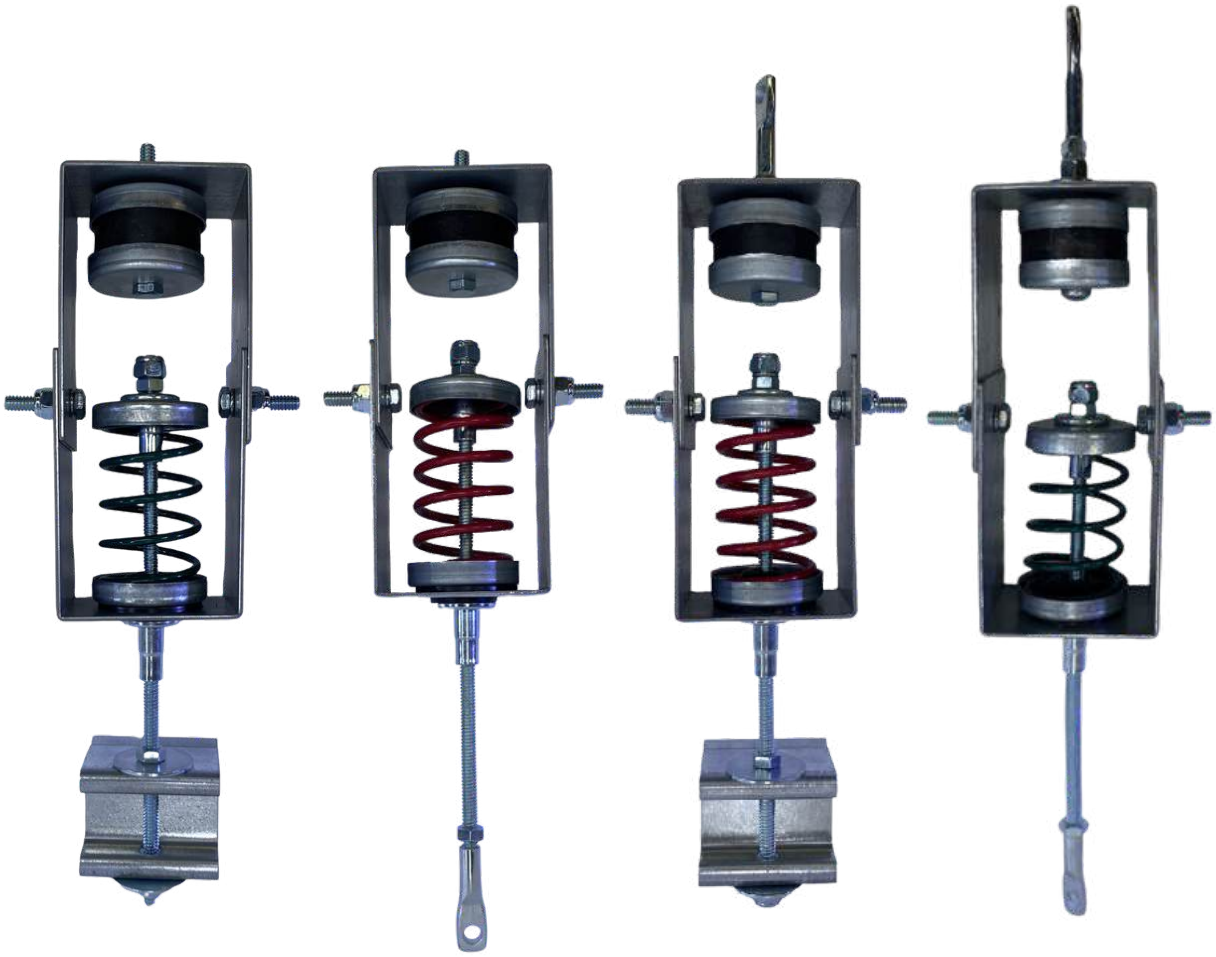
RSIC®-SI-FF-BRW



DISTRIBUTOR

Hi-Lume Corporation

RSIC®-SI-FF



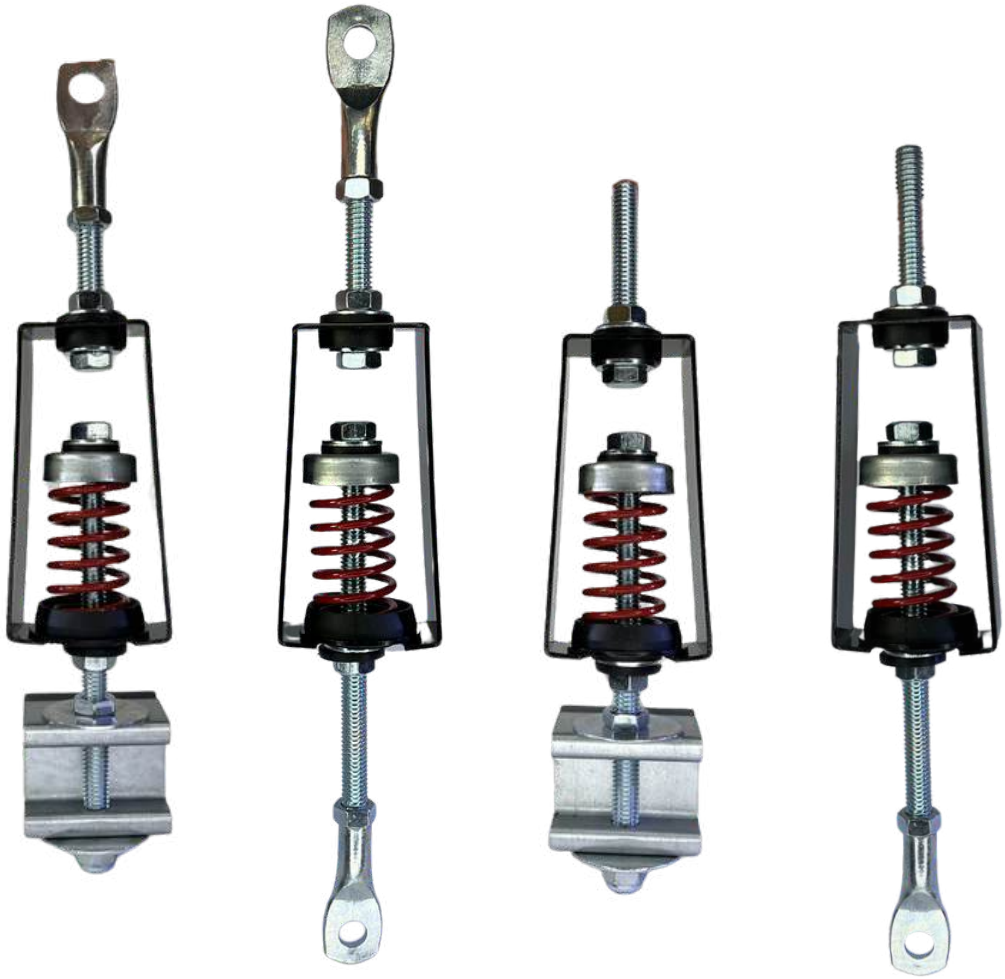
Pre-Assembled and Pre-Loaded

Attachments for multiple mounting options

High-performance spring and rubber isolation

Hinged frame to compensate for mis-aligned installations

RSIC®-SI-FF 3/8"



HIGH-PERFORMANCE, TOP-MOUNT SPRING & RUBBER ISOLATOR WITH 3/8" THREADED ROD

RSIC®-SI-FF 3/8"

TESTED, ENGINEERED, & DESIGNED IN THE USA

The RSIC-SI-FF 3/8" is a full-frame spring and rubber isolator that can be directly attached to concrete (BC) or used with hanger wire (WW) to support cold rolled channel (WC) or drywall grid ceilings (BW). This product provides 15 degrees of vertical alignment compensation as commonly specified

MOUNTING OPTIONS

RSIC®-SI-FF 3/8" WC
Wire top mount, rubber isolator, channel bottom mount

RSIC®-SI-FF 3/8" BC
Bolt top mount, rubber isolator, channel bottom mount

RSIC®-SI-FF 3/8" WW
Wire top mount, rubber isolator, wire bottom mount

RSIC®-SI-FF 3/8" BW
Bolt top mount, rubber isolator, wire bottom mount

SPECIFICATIONS

Design Acoustical Load	10 lbs - 80 lbs
Total Deflection	1"
Adjustable	Yes
Cavity Minimum	10"
Cavity Maximum	Unlimited
Use in Ceilings	Yes
Use in Walls	No
Use in New Construction	Yes
Use in Retrofit	Yes
Pre-Assembled	Yes
Pre-Loaded	Yes
Spring Isolation	Yes
Rubber Isolation	Yes

APPLICATIONS


MECHANICAL ROOMS


RETAIL SPACES


MULTIFAMILY BUILDINGS


THEATERS


PERFORMING ARTS VENUES

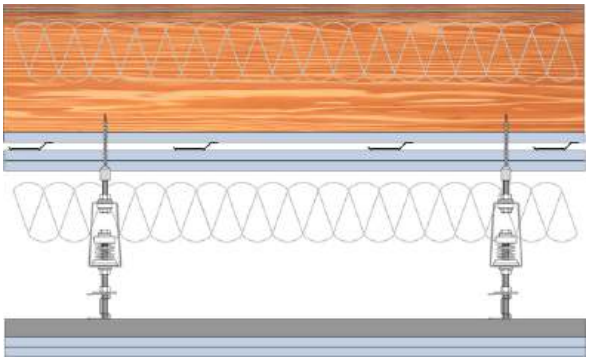

CONFERENCE ROOMS


RECORDING STUDIOS

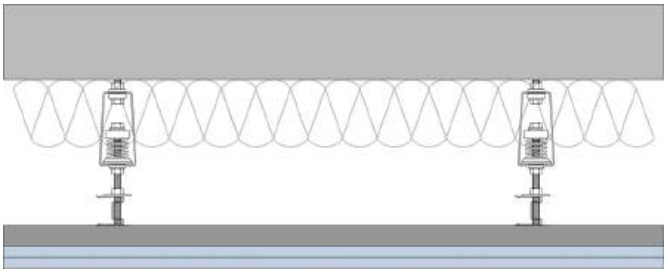

FITNESS FACILITIES

TYPES OF SYSTEMS

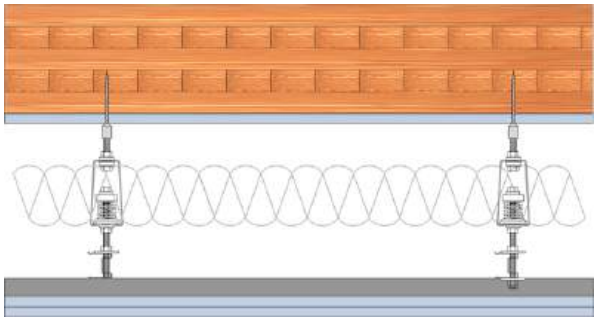
Springs Under 2-Hour Wood Assembly



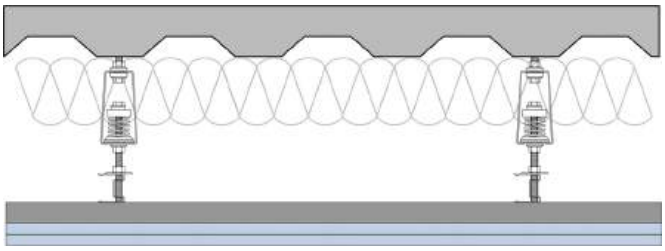
Springs Under Concrete Assembly



Springs Under Mass Timber Assembly



Springs Under Corrugated Deck Assembly



RSIC®-SI-FF 3/8"

PRODUCT

RSIC®-SI-FF 3/8" BC

WILLOW APARTMENTS
TIGARD, OREGON

OVERVIEW

The RSIC-SI-FF 3/8" BC spring isolators were installed in the apartments located in Tigard, Oregon. The RSIC-SI-FF 3/8" BC was used to acoustically isolate the project's ground fitness studio from the living units above to ensure quality noise control for the residents.

PROJECT DETAILS

160-unit multi-family, 1-, 2-, and 3-bedroom apartments, timber community lounge, top level sky lounge, open-air sky deck, community lounge, fitness center with open air deck

DISTRIBUTOR

Valhalla Construction Products

GOLF SIMULATOR ROOM
WILMINGTON, NORTH CAROLINA

PROJECT DETAILS

54,660 SF of offices

OVERVIEW

The RSIC-SI-FF 3/8" BW spring isolators were installed in the corporate offices located in Wilmington, North Carolina. The RSIC-SI-FF 3/8" BW was used to acoustically isolate the project's golf simulator from the remaining office spaces to ensure quality noise control.

PRODUCT

RSIC®-SI-FF 3/8" BW

DISTRIBUTOR

Sound Isolation Company

RSIC®-SI-FF 3/8"

PRODUCT

RSIC®-SI-FF 3/8" WC

DAVID PROUTY HIGH SCHOOL
SPENCER, MASSACHUSETTS

OVERVIEW

The RSIC-SI-FF 3/8" WC spring isolators were installed in David Prouty High School located in Spencer, Massachusetts. The RSIC-SI-FF 3/8" WC was used to acoustically isolate the project's ground weight room from the classrooms above to ensure quality noise control for the students.

PROJECT DETAILS

9th – 12th grade high school, plus a Pre-K program for 95 Pre-K pupils. The building consists of 126,823 square feet.

DISTRIBUTOR

Vibrasciences

THE CONNECTIVE
DENVER, COLORADO

PROJECT DETAILS

10 stories tall with 270,000 square feet of residential and retail space and below grade parking. 196 residential units with a club, pool, and fitness center.

OVERVIEW

The RSIC-SI-FF 3/8" WW spring isolators were installed in the apartments located in Denver, Colorado. The RSIC-SI-FF 3/8" WW was used to acoustically isolate the project's ground fitness studio from the living units above to ensure quality noise control for the residents being able to safely install flat screen TVs and Murphy beds in select units.

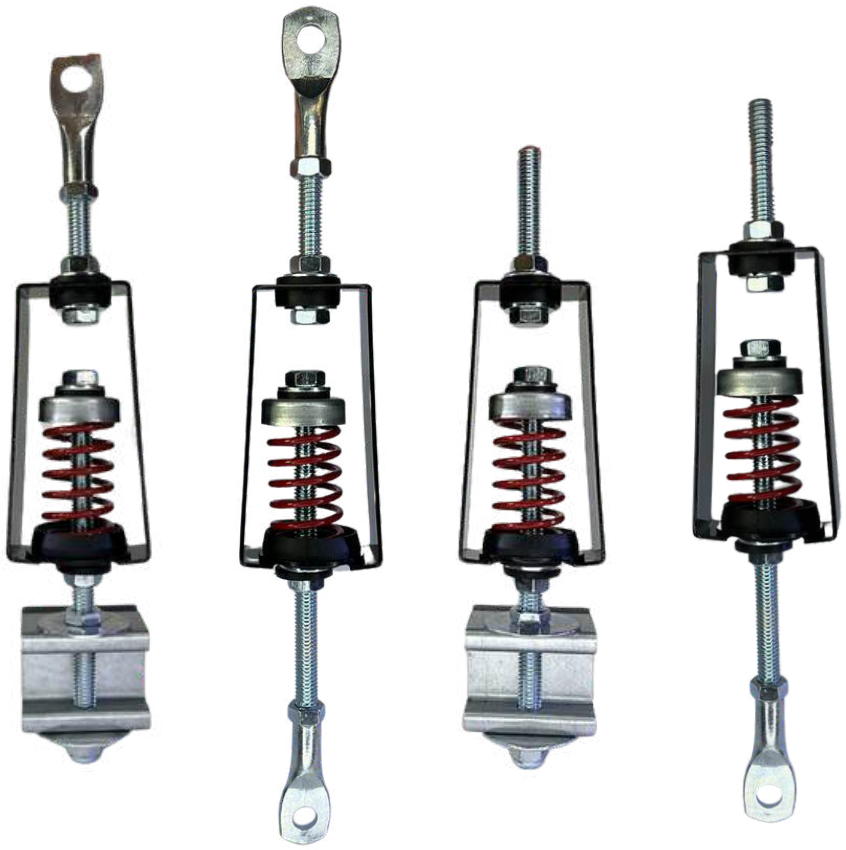
PRODUCT

RSIC®-SI-FF 3/8" WW

DISTRIBUTOR

JDI Contractors

RSIC®-SI-FF 3/8"



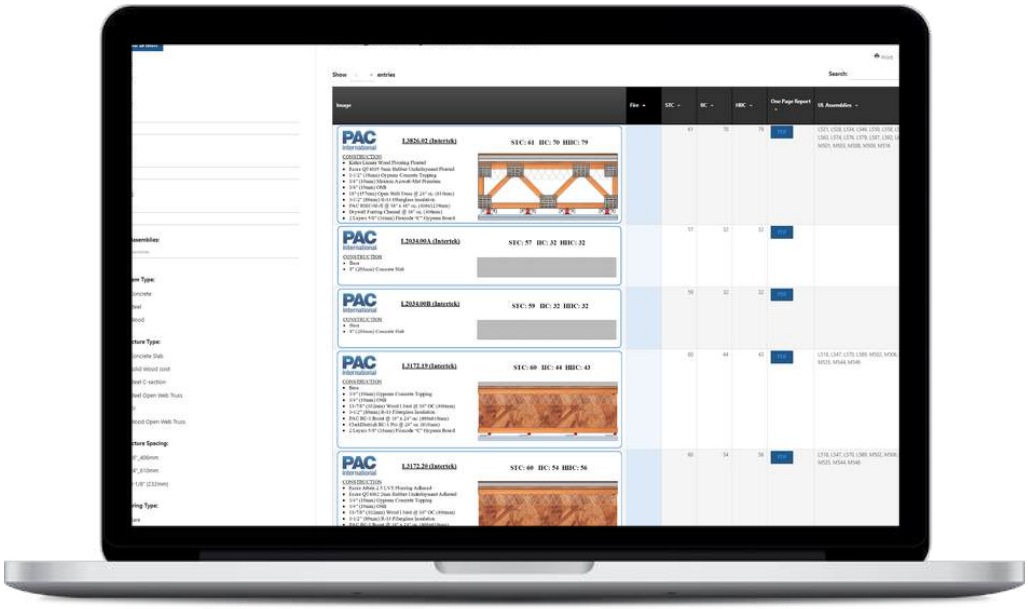
Pre-Assembled and Pre-Loaded

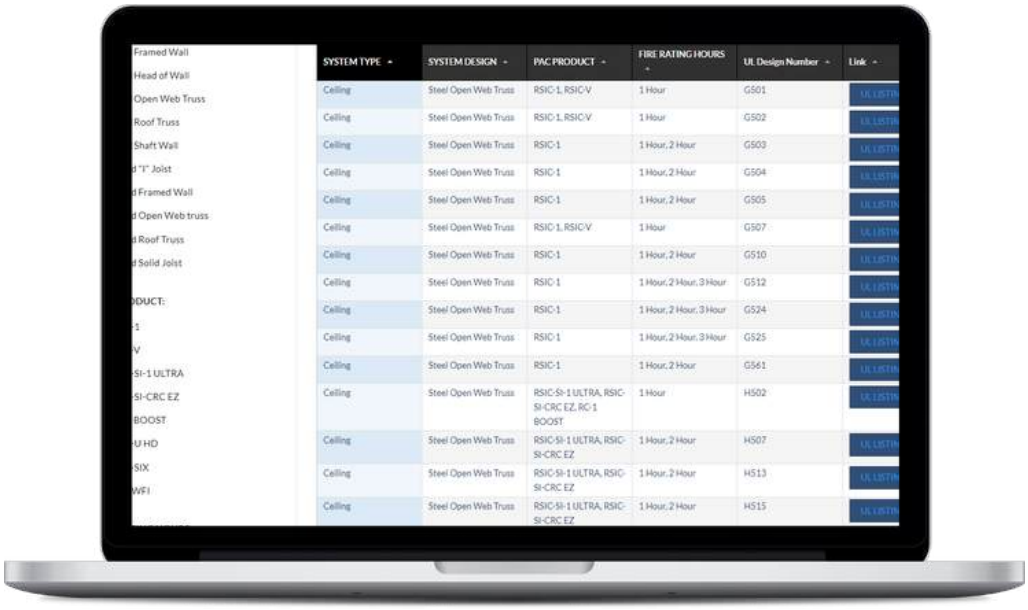
Attachments for multiple mounting options

High-performance spring and rubber isolation

Provides 15 degrees of vertical alignment

Assembly Design Selectors





SYSTEM TYPE	SYSTEM DESIGN	PAC PRODUCT	FIRE RATING HOURS	UL Design Number	Link
Ceiling	Steel Open Web Truss	RSIC-1, RSIC-V	1 Hour	G501	
Ceiling	Steel Open Web Truss	RSIC-1, RSIC-V	1 Hour	G502	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour	G503	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour	G504	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour	G505	
Ceiling	Steel Open Web Truss	RSIC-1, RSIC-V	1 Hour	G507	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour	G510	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour, 3 Hour	G512	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour, 3 Hour	G524	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour, 3 Hour	G525	
Ceiling	Steel Open Web Truss	RSIC-1	1 Hour, 2 Hour	G561	
Ceiling	Steel Open Web Truss	RSIC-SI-1 ULTRA, RSIC-SI-CRC EZ, RC-1 BOOST	1 Hour	H502	
Ceiling	Steel Open Web Truss	RSIC-SI-1 ULTRA, RSIC-SI-CRC EZ	1 Hour, 2 Hour	H507	
Ceiling	Steel Open Web Truss	RSIC-SI-1 ULTRA, RSIC-SI-CRC EZ	1 Hour, 2 Hour	H513	
Ceiling	Steel Open Web Truss	RSIC-SI-1 ULTRA, RSIC-SI-CRC EZ	1 Hour, 2 Hour	H515	

ONE-STOP SOURCE FOR FIRE AND ACOUSTIC RATINGS

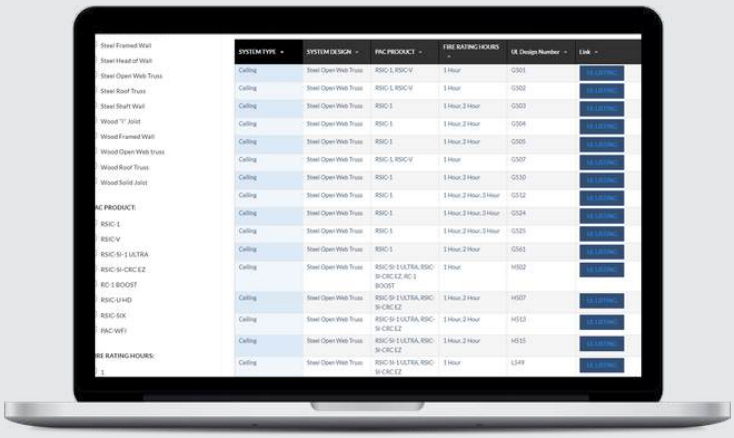
Acoustical/Fire Selectors

Acoustical Design Selector

Find the acoustical test data you need!

Our online wall and ceiling test database allows you to filter PAC's extensive catalog of testing to quickly find the designs and acoustical ratings that you need.

- Export data to Excel & PDF
- One-page PDF summaries for project submittals
- Active filters for quick sorting



Fire-Rated Assembly Selector

Find the fire-rated assemblies you need!

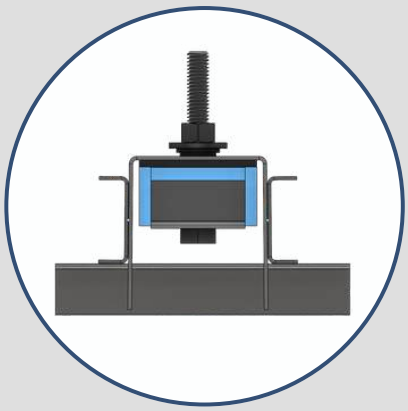
Our online UL assembly databases allow you to filter PAC's extensive catalog of fire-rated designs to quickly find the assemblies that you need.

- PDF of full UL designs
- Accessible to anyone
- Active filters for quick sorting

PAC Product Innovations

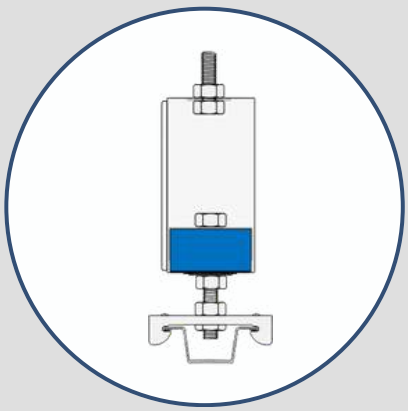
At PAC International, innovation never stands still. Our team is constantly developing new acoustical solutions designed to meet the evolving demands of modern construction, sound control, and building performance. From advanced isolation systems to smarter installation solutions, PAC is always working on what's next in acoustics. See what we have going on and discover the latest products, innovations, and ideas shaping the future of sound isolation.

NEW PRODUCTS



RSIC®-FI-CRC2 LP

- Can be attached directly to the bottom of a concrete slab or composite deck
- Provides a minimum plenum depth of 3-5/8"
- Low deflection (2.5mm of max deflection)
- Only requires one attachment point for mounting
- Can be bolted to Unistrut using standard Unistrut hardware
- Spacing up to 4 ft x 6 ft o.c.



RSIC®-ADAPT-V

- Can attach direct to wood or steel joist for use with hat channel only ceilings
- Low deflection (2.5mm of max deflection)
- Side mount or top mount
- Used in high end residential, theater, recording studio, active spaces like gyms, where ceiling height is restricted

PAC'S 50TH ANNIVERSARY

For 50 years, PAC International has been a trusted leader in acoustic innovation, delivering high-performance sound isolation solutions to the construction industry. This milestone anniversary celebrates five decades of construction engineering excellence, industry partnerships, and a continued commitment to creating quieter, more comfortable spaces. From pioneering acoustical products to developing the next generation of sound control systems, PAC remains dedicated to advancing building performance and shaping the future of acoustics.

PAC International
NOISE CONTROL SOLUTIONS
50th ANNIVERSARY

PAC International | NOISE CONTROL SOLUTIONS

REAL SOLUTIONS IN CONSTRUCTION

PAC INTERNATIONAL WEBSITE

ADDRESS

PAC International, LLC.
2000 SE 4th Ave
Canby, OR 97013

PAC International, LLC.
7260 W Azure Drive
#140-213
Las Vegas, NV 89130

PHONE

General
866.774.2100

Technical Extensions
101, 602, 650

Sales Extensions
301, 702

Accounting Extensions
301

Marketing Extensions
201

EMAIL

Request Information
info@pac-intl.com

Orders/Estimates
orders@pac-intl.com

Product/Test Data
support@pac-intl.com