



RESILMOUNT A72R SUBMITTAL PACKAGE



STUDCO
BUILDING SYSTEMS

A Studco Innovation

Resilmount A72R Submittal Package



Resilmount Sound Isolation Solutions are a division of Studco Building Systems, a leading manufacturer of innovative building materials. Resilmount offers a range of patented sound isolation products for the wall and ceiling industry.

UNIQUE PATENTED THERMOPLASTIC RUBBER WITH SOUND CELL DESIGN

Solve the problem of noise transfer in high density accommodations with Resilmount. Our Resilient mount clips provide acoustic control by locking into place on standard furring channels for easy construction and effective solutions to unwanted noise. Resilmount clips isolate wall and ceiling systems from the building structure resulting in premium acoustic control.

SOUND TESTING

Resilmount's sound isolation mounts have been tested in order to meet the required acoustic performance. A range of testing and acoustic opinions are available upon request, please contact sales@resilmount.com for further information.



Riverbank Acoustical
LABORATORIES



WESTERN ELECTRO - ACOUSTIC LABORATORY



ACOUSTIC CONSULTING
www.pka.com.au

Tested according to ASTM Standards

QUALITY ASSURANCE AND ENVIRONMENTAL POLICY



ISO 9001 Quality Management System

The quest for optimum quality never ends at Studco. The consistency of our quality is one of the cornerstones of Studco's reputation as a reliable supplier of metal building systems. In order to achieve dependable quality in our products and service, Studco Building Systems is certified to ISO 9001 Quality Management System. This internationally recognized benchmark of quality is rigidly applied to all facets of our operations, ensuring premium quality products and premium customer service at all times. Customers can be certain of the quality of Studco's products because of the stringent controls we impose on our production processes.



ISO 14001 EMS Certification

The management team at Studco have long held the view that caring for the environment is a corporate responsibility. In fact, responsibility of and caring for the environment in which we live is a Studco hallmark which is promoted at every level of our business. Our commitment to sensible environmental responsibility and corporate accountability is evident in our ongoing certification to the internationally recognized benchmark standard ISO 14001:2015 environmental management system.

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APPLICATIONS

Resilmount® A72R is an engineered, acoustic resilient mounting bracket for reducing airborne vibration and structure-borne vibration in internal ceiling, and wall applications. The A72R can be used in the decoupling of wall systems, isolating ceilings, and mechanical vibration control.

FEATURES

- Provided with several fastening holes including 3/16" slotted holes in the bracket fixing service.
- Thermoplastic rubber outperforms and outlasts natural rubber.
- Supplied as a fully assembled component - no site assembly required.
- Consistent and reliable quality - manufactured under ISO9001 quality control system.
- Easy installation into new or existing wall and ceiling systems.
- Suitably isolates the wall system from the structure to reduce structure and airborne noise.
- Acoustical Design Load: 110 lbs.

INSTALLATION NOTES

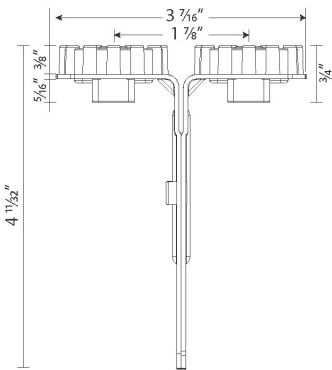
- A72R to be fastened to structure with a minimum #8 screw or masonry sleeve anchors. (See fasteners manufacturer's specifications).
- In ceiling applications, always check load ratings with Resilmount's engineers prior to installation.

DYNAMIC CHARACTERISTICS

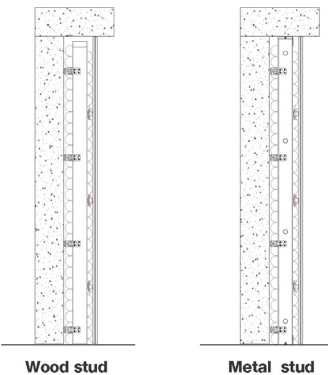
Resilmount's patented thermoplastic rubber outperforms standard rubber because of its unique natural absorbing characteristics. Resilmount's unique sound cell design guards against structure borne vibrations transferring into the body of the resilmount because of its strong column design providing a small percentage of contact surface area with the structure or substrate it is fastened to. This aids in absorbing and breaking up airborne sound at its transfer point.



A72R



A72R DIMENSIONS



A72R FIXING EXAMPLES

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SPECIFICATIONS

Code	Clip Height	Metal Thickness	Clip width	Height of rubber*
A72R	4 11/32"	0.047"	3 7/16"	3/8"

*Height of rubber on top of clip

WARRANTY

This product is covered by a year warranty. Conditions and limitations of guarantees and warranties are set out in Studco Project Warranty Certificate.

FURTHER ASSISTANCE

Contact the technical engineering team at Studco Technical Services for assistance with specifications, product selection, acoustic engineering and structural engineering enquiries.
Tel: 800 675 8023 or email sales@resilmount.com

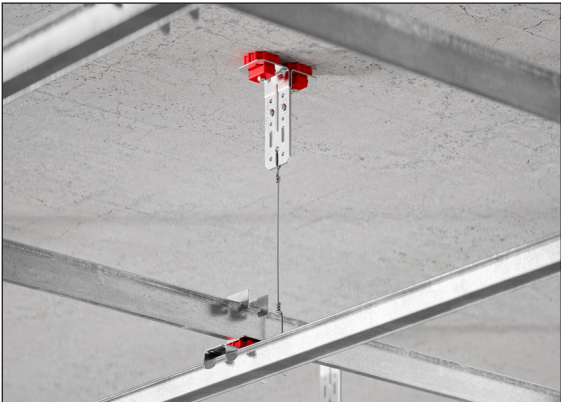
RELATED PRODUCTS

- A48R Right Angle Sound Isolation Bracket
- A96R Purlin to Furring Channel Sound Isolation Clip
- A106R Purlin to Furring Channel Low Profile Sound Isolation Clip
- A24R Chase Wall Joiner Sound Isolation Bracket

ACCREDITATION/CERTIFICATION



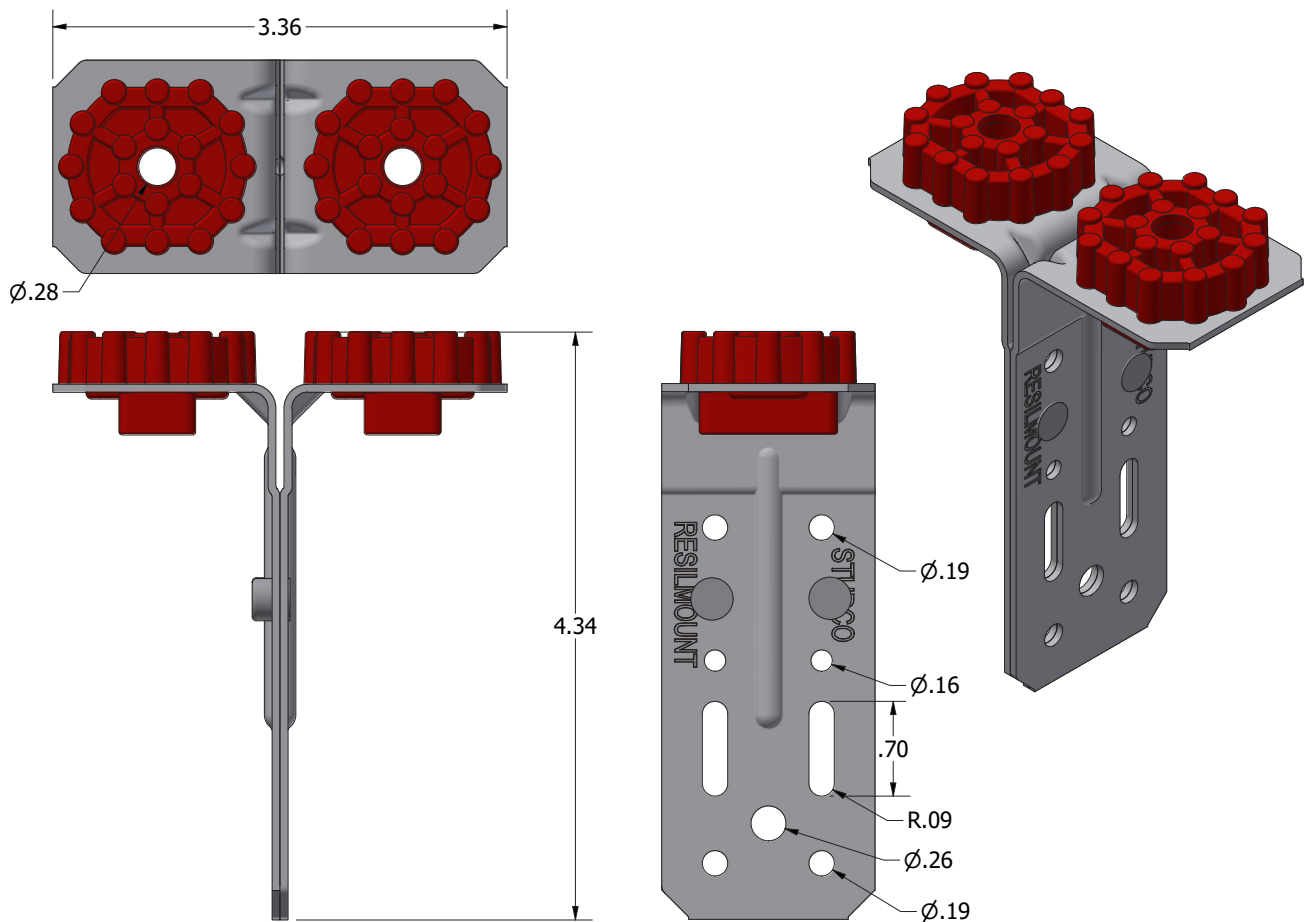
A72R WALL APPLICATION



A72R CEILING APPLICATION

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PRODUCT DIMENSIONS



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A72R SPECIFICATIONS

Width: 3 7/16"
Height (including rubber): 4 11/32"
Max spacing between clips: 48" OC
Acoustical Design Load: 110 Lbs.



SPECIFICATIONS

Code	Bracket Height	Weight Capacity (lbs)
A72R	4 11/32"	110



INSTALLATION NOTES

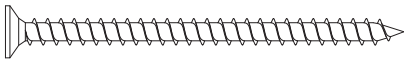
- A72R to be fastened to structure with a minimum #8 screw or masonry sleeve anchors. (See fasteners manufacturer's specifications).
- In ceiling applications, always check load ratings with Resilmount's engineers prior to installation.



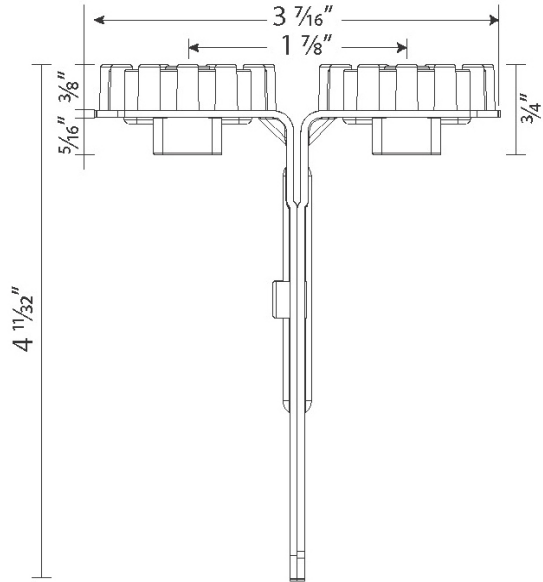
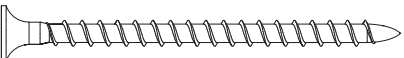
FASTENERS

Wood Joists: #8 x 2" Course Heads (A)
Steel Joists: #8, #10 or #12 x 1-5/8" self tapping (B)

A



B



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CEILING INSTALLATION GUIDE

STEP 1

The Resilmount Sound Isolation Clip (A72R) shall be 48 inches by 48 inches on center maximum.

STEP 2

Fasten the Resilmount Sound Isolation Clip (A72R) to the structure with approved fasteners.

STEP 3

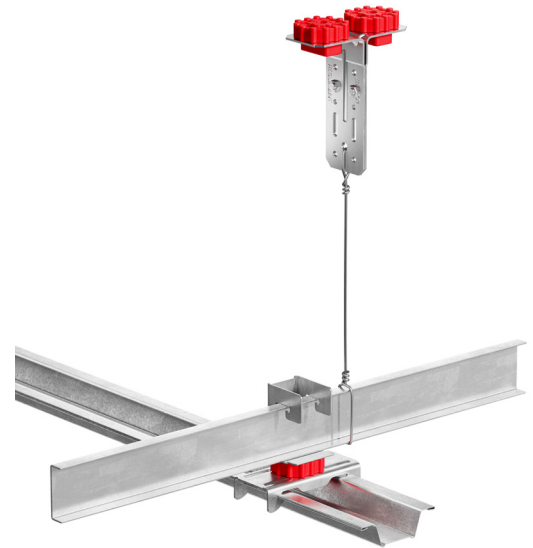
Locate the first and last row of the A72R clips within 8 inches from the wall.

STEP 4

Minimum 12 gauge hanger wire ties through the existing 3/16" hole in the vertical leg of the A72R clip.

STEP 5

When using tie wire attached to the A72R clip to hang a drywall grid ceiling, follow the installation instructions provided by the grid manufacturer.



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WALL INSTALLATION GUIDE

STEP 1

The Resilient Sound Isolation Clip (A72R) shall be spaced to support 110lbs maximum.

STEP 2

Locate the A72R clips within the 3-6 inches from the wall.

STEP 3

Fasten the Resilient Sound Isolation Clip (A72R) to the structure's substrate with a minimum of 2 approved fasteners.

STEP 4

Ensure the clip is secure to the framing member.

STEP 5

The A72R shall be 48 inches by 48 inches on the center maximum.

