



RESILMOUNT A96R SUBMITTAL PACKAGE



A Studco Innovation

Resilmount A96R 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



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.

This document is subject to change without notice - please check with Resilmount regarding latest version prior to using. This document is subject to Studco's published terms and conditions.

Resilmount A96R Submittal Package



APPLICATION

Resilmount A96R is an engineered, patented adjustable acoustic resilient bracket for Studco furring channels being suspended below purlins or trusses, for reducing airborne vibration and structure-borne vibration in ceiling applications.

FEATURES

- Unique, patented sound cell design to break up and absorb airborne sound.
- Engineered thermoplastic rubber outperforms standard rubber because of its sound absorbing characteristics.
- A96R gives ceiling height flexibility.
- Allows for mechanicals between the ceiling and ceiling joists.
- Can be used with standard drywall furring channel.
- Strong 'column' design provides minimal contact area with substrate whilst maintaining maximum structural integrity.
- Provided with several 3/16" slotted holes in bracket surface, suitable for direct fastening applications.

INSTALLATION NOTES

- A96R to be fastened to structure with a minimum #8 screw or masonry sleeve anchors. (See fasteners manufacturers specifications).
- Load capacity: 55lbs. maximum dead load
- Maximum spacing of clips on furring channel is 48".
- Spacing between furring channel channels should not exceed 24".

FASTENERS

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

DYNAMIC CHARACTERISTICS

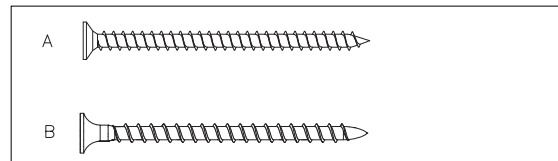
The Resilmount A96R sound isolation bracket can be mounted in several different orientations for a variety of acoustic-sensitive installations. All Resilmount products are precision manufactured by Studco Building Systems for complete control over the quality of each individual piece, in order to meet or exceed the architectural specifications required of each resilient mount. The patented resilmount rubber insert has been independently tested and approved for use in the USA.



A96R



A96R INSTALLATION



FASTENERS

Resilmount A96R Submittal Package



SPECIFICATIONS

Code	Bracket Height	Weight Capacity (lbs)*
A96R	4 3/4"	48

#Lead time and minimum quantities may apply.



RELATED PRODUCTS

- A24R Chase Wall Joiner Sound Isolation Clip
- A48R Right Angle Sound Isolation Bracket
- A106R Purlin to Furring Channel Low Clearance Sound Isolation Clip
- A72R Double Right Angle Sound Isolation Bracket



WARRANTY

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

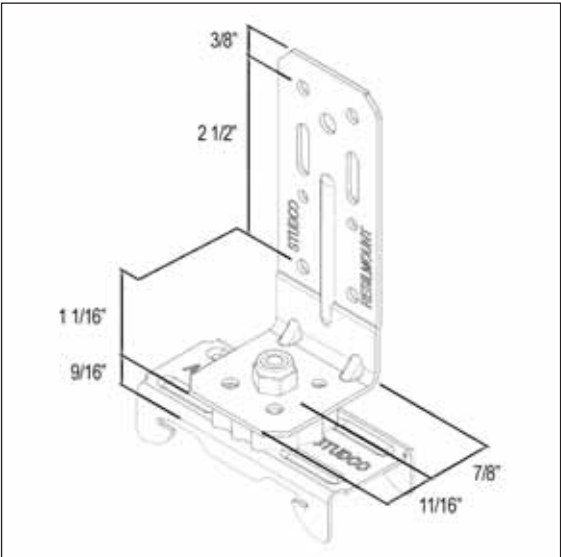


FURTHER ASSISTANCE

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



ACCREDITATION/CERTIFICATION

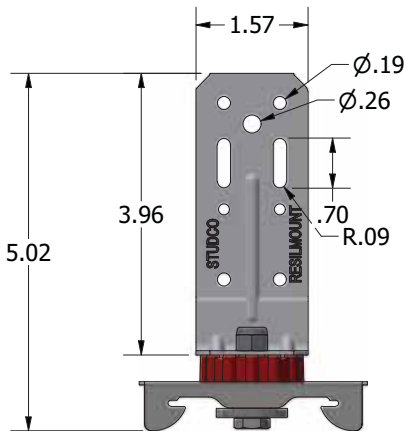
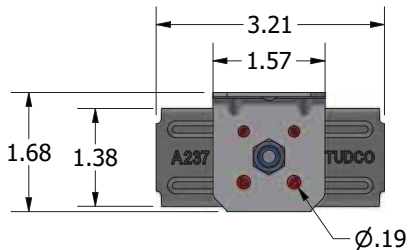


A96R DIMENSIONS

Resilmount A96R Submittal Package



 PRODUCT DIMENSIONS



Resilmount A96R Submittal Package



A96R SPECIFICATIONS

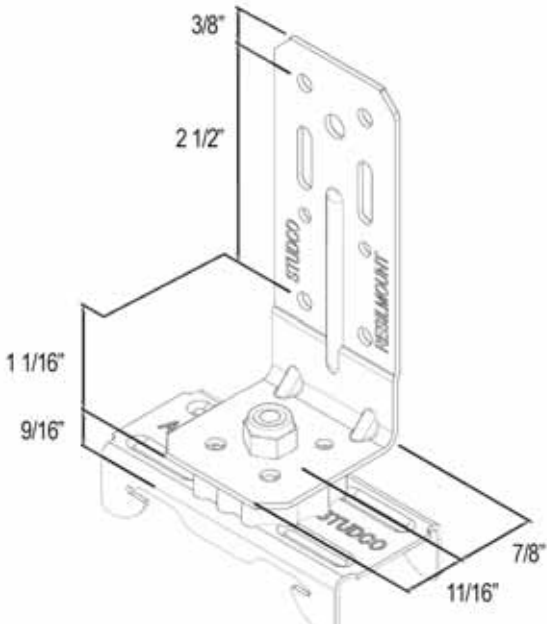
Width: 1-3/8"
Height (including rubber): 4-3/4"
Max spacing between clips: 48" OC
Acoustical Design Load: 55Lbs.



SPECIFICATIONS

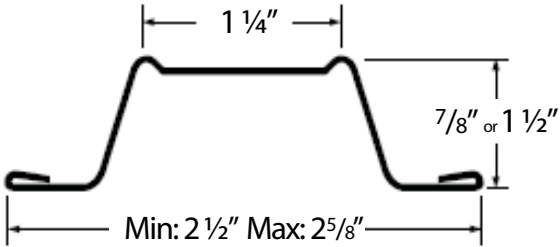
Code	Bracket Height	Weight Capacity (lbs)*
A96R	4 3/4"	48

*Height of rubber on top of clip



METAL FURRING CHANNEL SPECIFICATIONS:

Minimum: 25 Gauge with hemmed edge
Depth: Max. 7/8" or 1 1/2" (15 mil.)
Width at top: Max. 1 1/4" (15 mil.)
Width flange to flange: Min: 2 1/2" Max: 2 5/8"
When splicing metal furring channel overlap 6 inches in between two Resilmount clips. Secure the channel with two 7/16" framing screws or 18 Gauge tie wire can be used.
Splicing: Furring channel splicing should take place between the clips.



INSTALLATION NOTES

- A96R to be fastened to structure with a minimum #8 scrw or masonry sleeve anchors. (See fasteners manufacturers specifications).
- Load capacity: 55lbs. maximum dead load
- Maximum spacing of clips on furring channel is 48".
- Spacing between furring channel channels should not exceed 24".



CEILING INSTALLATION GUIDE

STEP 1

Review fixing layout guidelines before starting installation of the ceiling.

STEP 2

Space Resilmount A96R so not to exceed 48" OC. Secure the clip with at least one fastener on each side of the metal bracket.

Wood Joists: #8 x 2" Course Heads

Steel Joists: #8, #10, #12 x 1-5/8" self tapping

STEP 3

Snap metal furring channel into Resilmount A96R.



Resilmount A96R Submittal Package



FIXING LAYOUT

