

# SOUND ISOLATION SOLUTIONS

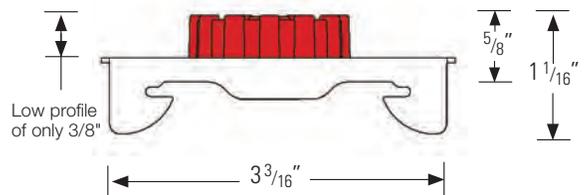
PRODUCT RANGE AND SPECIFICATIONS



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.

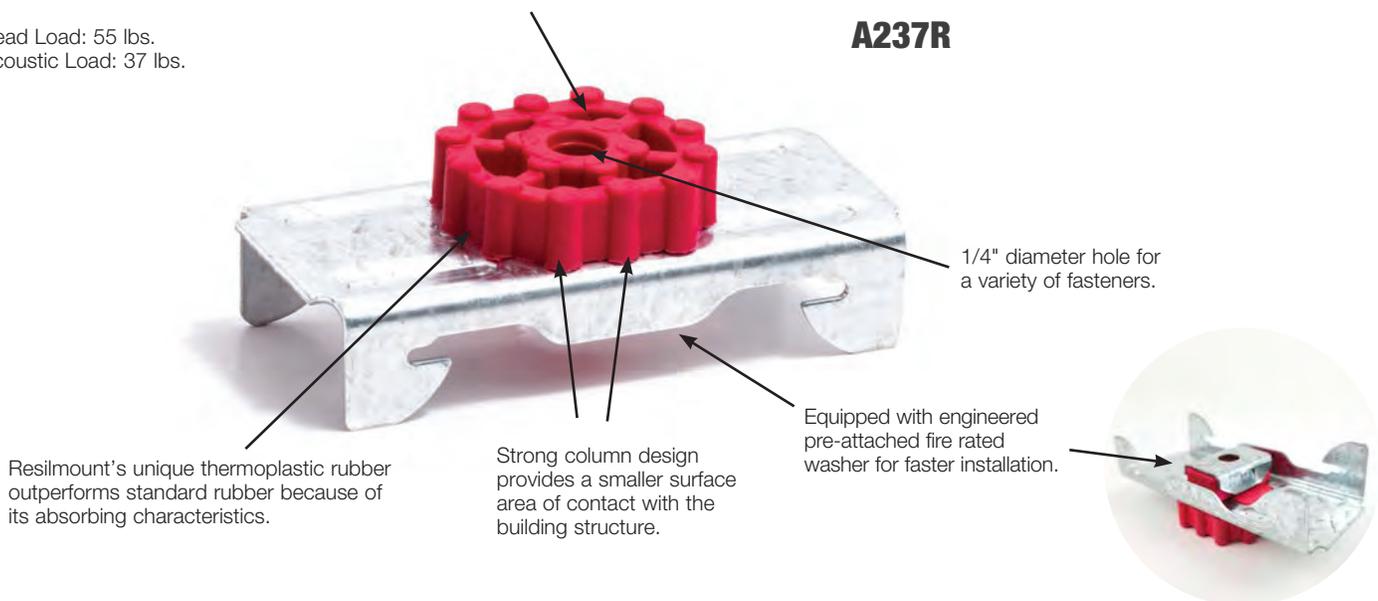


AU Patent 2007226819  
US Patent 12/825,100

Dead Load: 55 lbs.  
Acoustic Load: 37 lbs.

Sound cells to absorb and break up airborne sound.

**A237R**



# WALL AND CEILING SOUND ISOLATION SOLUTIONS YOU CAN TRUST

## FIRE TESTING

With over 100 UL Ratings and other third party testing, the Resilmount A237 and A237R clip are well suited for use in high density accommodations and many more applications in sound control

These ratings enable Resilmount to be used in many fire rated acoustic applications for sound proofing walls and ceilings.

Please contact us with your project and we will assist you in choosing the right assembly.

**Type RESILMOUNT Sound Isolation Clip - Type A237R** for use in Design Nos. G501, G502, G503, G504, G505, G507, G510, G512, G524, G525, G534, G551, G552, G561, G565, G578, L502, L505, L510, L511, L513, L514, L516, L518, L521, L523, L528, L532, L534, L542, L546, L547, L550, L562, L563, L569, L570, L573, L574, L576, L577, L579, L582, L585, L587, L589, L590, L593, M501, M502, M506, M508, M509, M510, M514, M523, M531, P519, P522, P538, P545, P547, P556, P565, P571, U301, U305, U309, U311, U320, U331, U334, U340, U341, U342, U344, U356, U415, U419, U423, U440, U411, U417, U421, U451, U453, U455, U465, U473, U493, U524, U910, U914, V310, V323, V324, V438, V455, V469, V478, V481, V488, V489, V490, V496, V498, W419, W425, W440.

**Type RESILMOUNT Sound Isolation Clip - Type A237** for use in Design Nos. G501, G502, G507, G534, L513, L514, L516, L521, L523, L528, L534, L546, L550, L562, L569, L570, L574, L579, L587, L590, L593, M501, M502, M506, M508, M509, M510, M514, M531, P522, P545, P556, P565, P571, U305, U419, V310, V489, V498.



**UL & Intertek Listed**

## 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.



**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

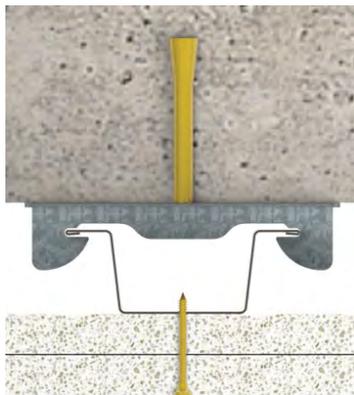
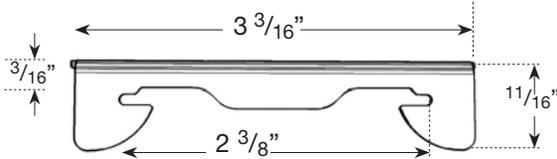
The management team at Studco have long held the view that caring for the environment is a corporate responsibility. In fact, responsibility of and caring for the environment in which we live is a Studco hallmark which is promoted at every level of our business. Our commitment to sensible environmental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

## A237

### Direct Fix Furring Channel Clip

Part No#	Description
A237	Furring Channel Clip

Resilmount A237 can be used in wall and ceiling applications with Studco 7/8" & 1-1/2" furring channel.



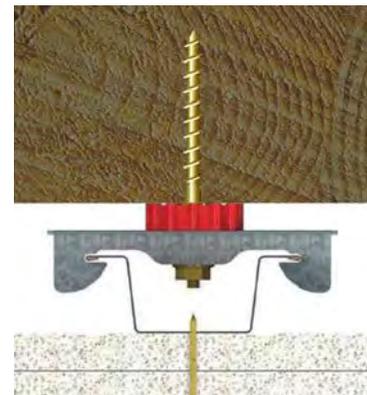
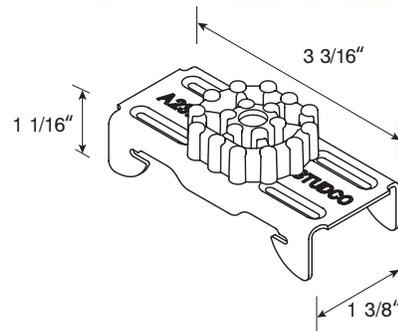
## A237R

### Direct Fix Furring Channel Sound Isolation Clip

Part No#	Description
A237R	Direct Fix Furring Channel Sound Isolation Clip

Resilmount A237R can be used in wall and ceiling application with Studco 7/8" and 1-1/2" furring channel.

**Acoustical Max Loading:** 37lbs.



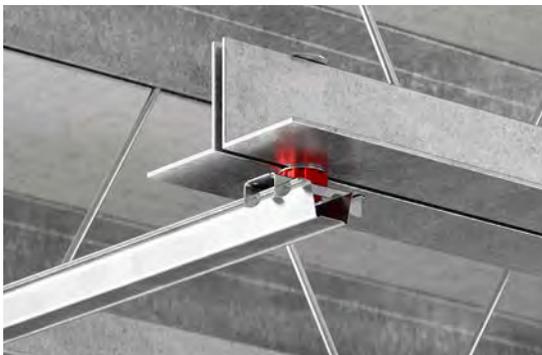
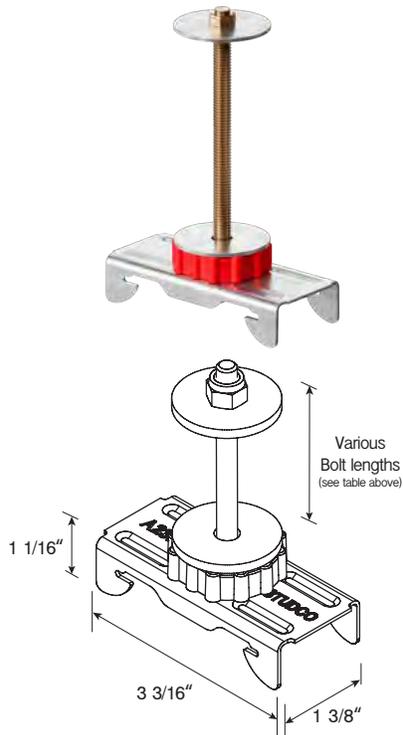
## A237BR

### Bar Joist to Furring Channel Sound Isolation Clip

Part No#	Description	Bolt Length	Cord
A237BR-3	Bar Joist to Furring Channel Clip	3"	1"
A237BR-4	Bar Joist to Furring Channel Clip	4"	2"
A237BR-5	Bar Joist to Furring Channel Clip	5"	3"

The Resilmount A237BR is used in steel joist applications where a dropped ceiling is needed. The A237BR clip isolates the ceiling and the floor above acoustically.

**Acoustical Max Loading:** 37lbs.



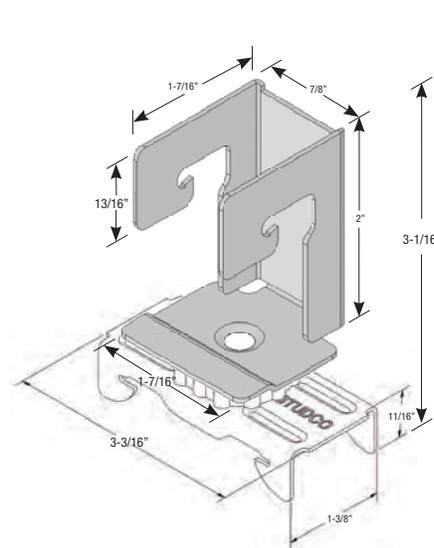
## A237CR

### Cold Rolled Channel to Furring Channel Sound Isolation Clip

Part No#	Description
A237CR	CRC to Furring Channel Sound Isolation Clip

The A237CR furring channel to Cold Rolled Channel (CRC) provides sound isolation between the CRC and furring channel, to which drywall is fixed to.

**Acoustical Max Loading:** 37lbs.

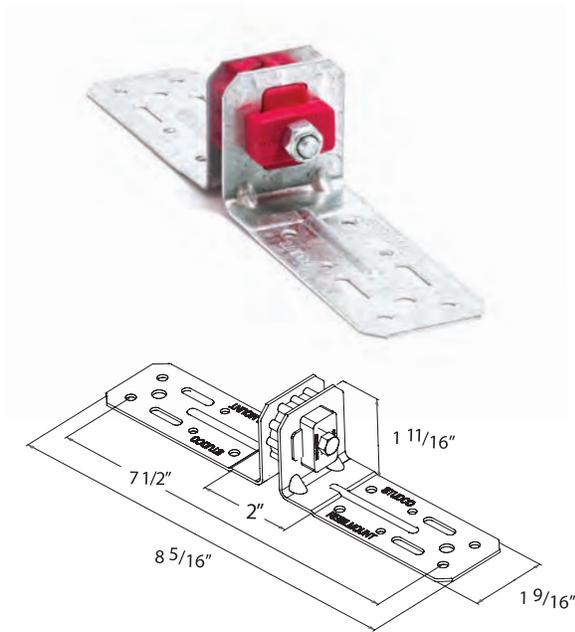


## A24R

### Chase Wall Sound Isolation Joiner Bracket

Part No#	Description
A24R	Chase Wall Sound Isolation Joiner Bracket

Resilmount A24R is supplied totally assembled, with a variety of holes sizes for different fasteners depending the installation environment. The A24R bracket keeps the strength and rigidity of chase walls, allowing both walls to support each other while remaining completely acoustically isolated.



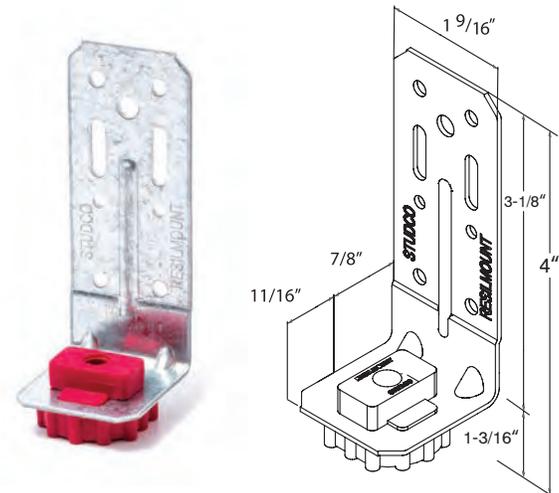
## A48R

### Right Angle Sound Isolation Bracket

Part No#	Description
A48R	Right Angle Sound Isolation Bracket

Resilmount A48R is provided with several 3/16" slotted holes in bracket fastening surface, suitable for direct fastening or inserting suspension rod for walls or suspended ceiling systems.

**Acoustical Max Loading:** 48lbs.



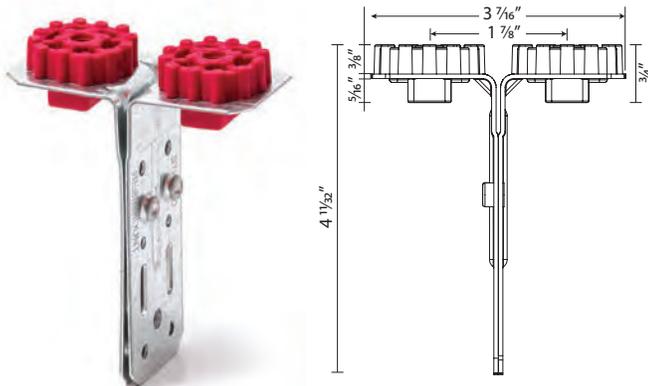
## A72R

### Double Right Angle Sound Isolation Bracket

Part No#	Description
A72R	Double Right Angle Sound Isolation Bracket

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

**Acoustical Max Loading:** 110lbs.



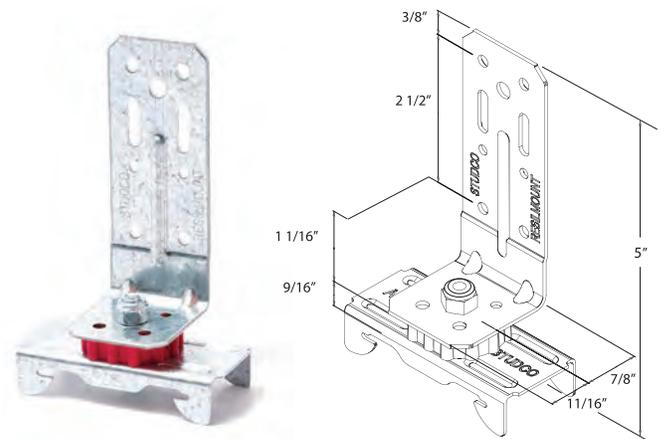
## A96R

### Purlin to Furring Channel Sound Isolation Bracket

Part No#	Description
A96R	Purlin to Furring Channel Sound Isolation Bracket

Resilmount A96R can be fastened directly to trusses and purlins providing adjustability. Provided with a variety of holes for different fasteners.

**Acoustical Max Loading:** 48lbs.



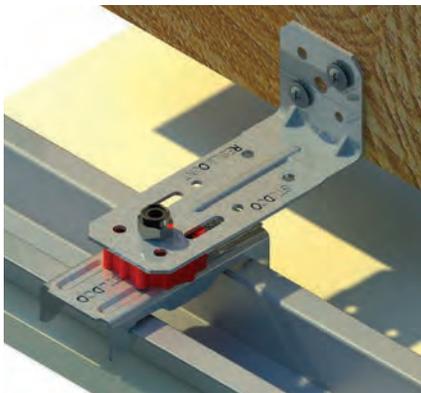
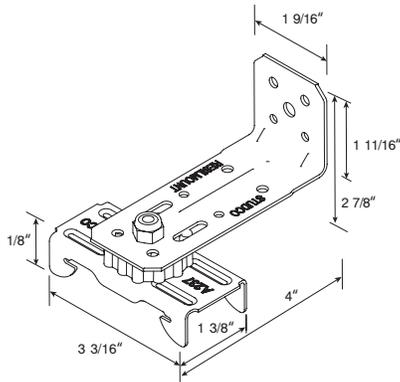
## A106R

### Purlin to Furring Channel Low Profile Sound Isolation Bracket

Part No#	Description
A106R	Purlin to Furring Channel Low Profile Sound Isolation Bracket

Resilmount A106R is a combination of the A237R and the M100 4" 14 Ga bracket. The A237R is attached to the 4" leg of the bracket.

**Acoustical Max Loading:** 22lbs.



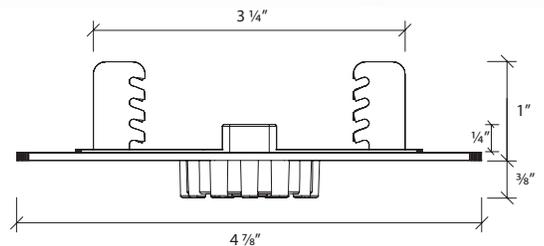
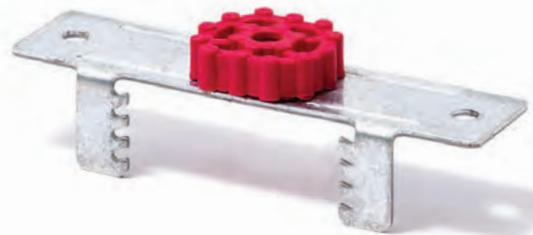
## MBFR

### BetaFix® Adjustable Furring Channel Sound Isolation Clip

Part No#	Clip Height*	Metal Thickness	Clip width x length	Height of rubber*
MBFR	1 3/8"	.069" / 14 gauge	1 1/4" x 4 7/8"	3/8"

\*Height of rubber on top of clip

Adjustable Furring Channel clips with 4 positions at 3/16" increments to adjust Furring Channel, eliminating time consuming shimming.



An adjustable furring channel clip which complies with sound isolation requirements for acoustic walls. Using the Studco BetaFix Clip and the legendary Resilmount patented sound cell, this unique clip offers versatility in battened acoustic walls.

- Eliminates time consuming shimming
- 4 adjustable locations
- Pre-punched with fixing holes
- 0 – 3/4" adjustment @ 3/16" increments
- Designed for 25 gauge furring channel

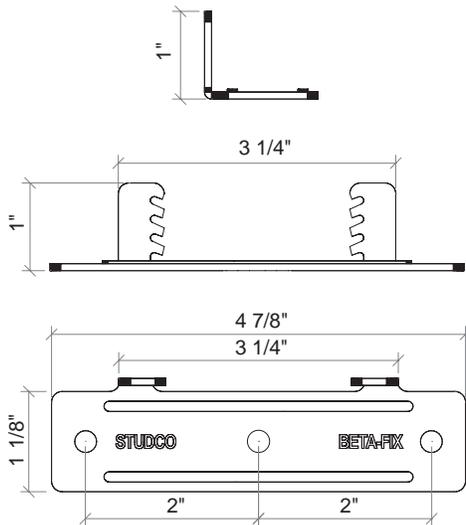
## MBF

### BetaFix® Adjustable Furring Channel Clip

Part No#	Clip Height	Metal Thickness	Clip width x length	Height of rubber
MBF	1"	.069" / 14 gauge	1 1/4" x 4 7/8"	-

Adjustable Furring Channel clips with 4 positions at 3/16" increments to adjust Furring Channel, eliminating time consuming shimming.

**Acoustical Max Loading:** 120lbs.



The MBF BetaFix adjustable furring channel clip is used to provide adjustment for walls and ceilings. This eliminates the need of shims and extra fasteners and provides for a faster more accurate installation. Once the MBF BetaFix clip is securely fastened onto the wall or ceiling, the furring channel can be snapped into the MBF BetaFix clip without the need of any extra fasteners. 0 - 3/4" adjustment @ 3/16" increments.

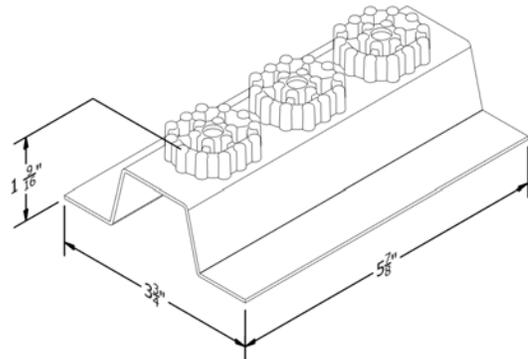
## A130R

### Heavy Duty Sound Isolation Mounting Bracket

Part No#	Description
A130R	Heavy Duty Sound Isolation Mounting Bracket

The A130R is used as a heavy duty mount and acoustical isolation bracket. It is mounted between the wall and the structure that you are mounting.

**Acoustical Max Loading:** 110lbs.



# A50R

## Sound Isolation Ceiling Hanger

Part No#	Description	Height	Deflection (mm)	Capacity (lbs)
A50R-1	Red Isolation Hanger	4"	3/16"	65
A50R-2	Black Isolation Hanger	4"	3/16"	120
A50R-3	Blue Isolation Hanger	4"	3/16"	200

Rubber mounts differ from spring mounts in that the natural frequency is a function not only of the deflection but also of the rubber hardness. The noise absorption properties of the Resilmount A50R allow it to deflect 3/16", in accordance with American Standards, which provided optimal isolation of transferred noise. The colour coding of the A50R hangers identifies the ceiling loading capacity.

- Works with all hanger wire.
- Easy installation into new or existing ceiling systems.
- Provides 3/16" static deflection as required in some installations
- Acoustically tested for STC and IIC.
- Does not reduce the load capacity of the ceiling system.
- Suitably isolates the ceiling system from the structure to reduce structure and airborne noise.
- Elastomer Type: Natural Rubber.
- Load capacity: From 65 to 200Lbs.

**Optimum weight capacity:** 65 lbs. (red), 120 lbs. (black), 200 lbs. (blue)



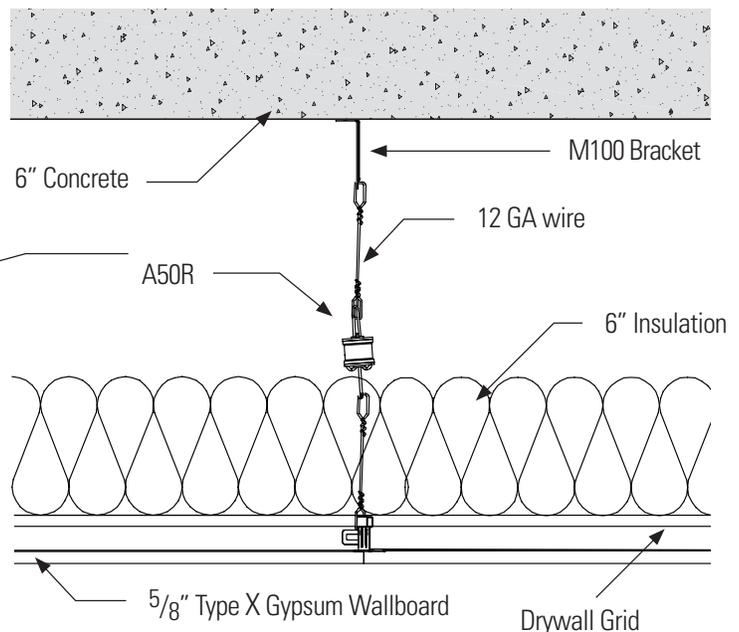
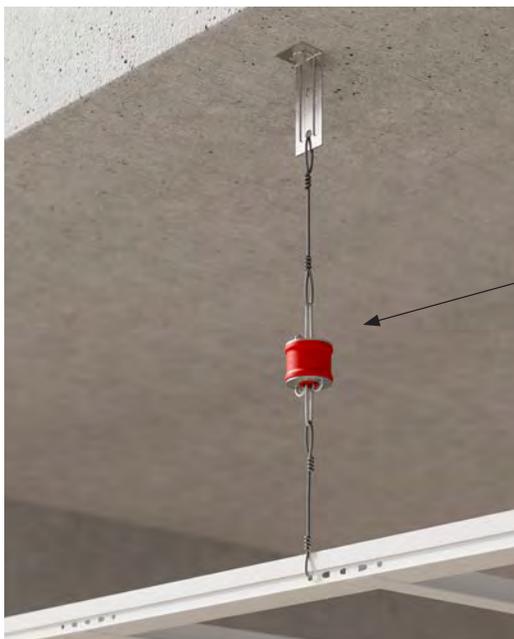
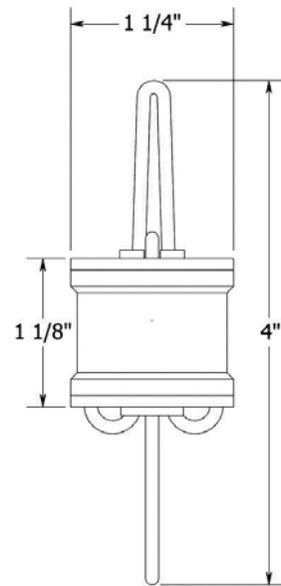
A50R-1



A50R-2



A50R-3



## A481R

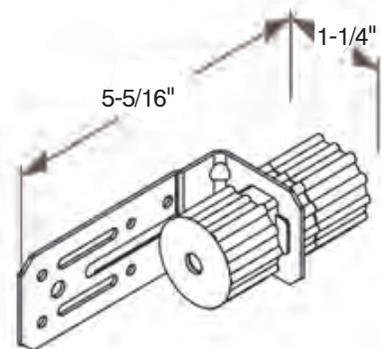
### Static Deflection Sound Isolation Wall Brace

Part No#	Description
A481R-RED	Resilmount A481R isolated wall brace – RED 135 lbs.

\*A481R is supplied with one concrete 6" masonry anchor

For providing a structural tie between two walls and for supporting horizontal loads, the Resilmount A481R isolated wall brace is unsurpassed in performance, amenity and value.

**Acoustical Max Loading:** 230lbs.



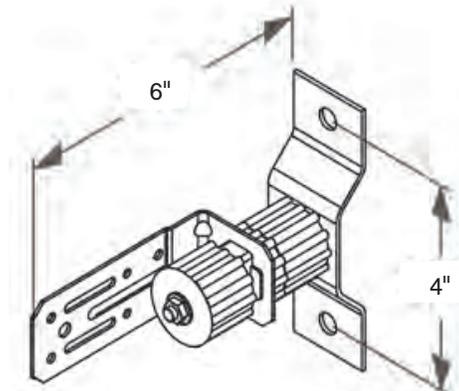
## A482R

### Static Deflection Sound Isolation Wall Brace

Part No#	Description
A482R-RED	Resilmount A482R isolated wall brace – RED 135 lbs.

For providing a structural tie between two walls and for supporting horizontal loads, the Resilmount A482R isolated wall brace is unsurpassed in performance, amenity and value.

**Acoustical Max Loading:** 135lbs.



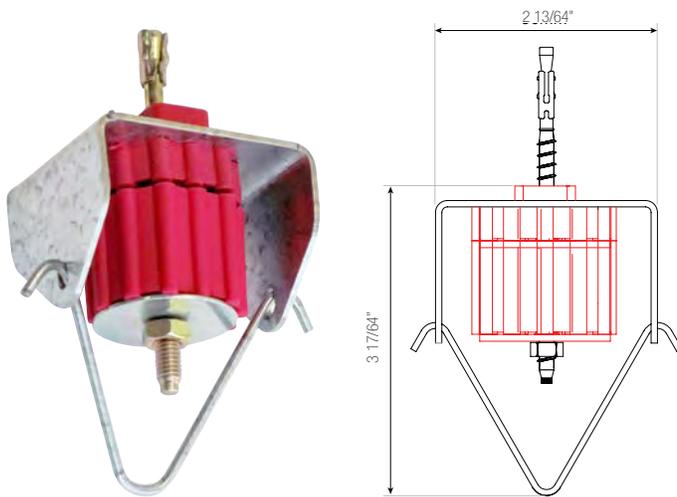
## A326R

### Static Deflection Sound Isolation Ceiling Hanger

Part No#	Description
A326R-RED	Static Deflection Sound Isolation Ceiling Hanger

The Resilmount A326R static deflection direct-fix resilient hanger is most suited to environments where excessive unwanted noise is experienced and highly sensitive acoustic environments. Typical installations include recording studios, airports, concert halls, high-rise apartments, performing arts centres and plant rooms.

**Acoustical Max Loading:** 101lbs.

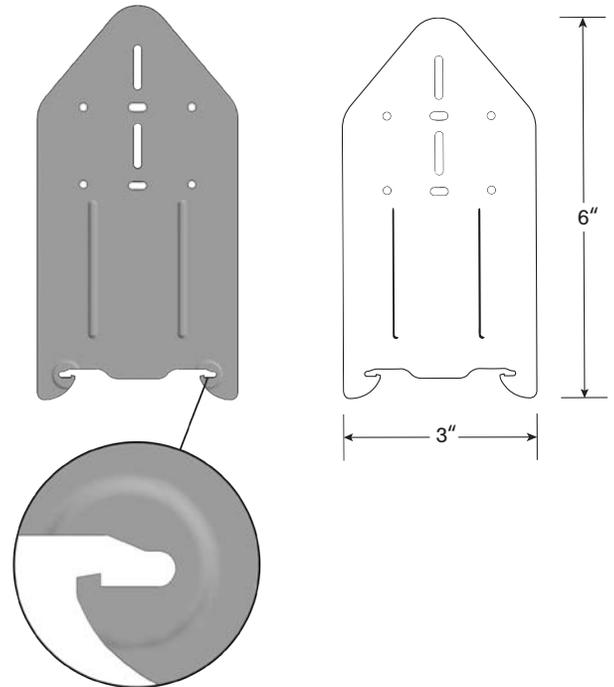


## A94

### Adjustable Furring Channel Clip

Part No#	Clip Width	Metal Thickness	Clip width x length	Clip Weight
A94	1 3/8"	20 gauge / 33 mil	3" x 6"	0.05 lbs

- Made in the USA
- Max 4" distance between underside of Joist and top of the furring channel flange
- Incremental slot adjustability up to 11/16"
- 2 step locking system:
  - Smaller slots at the end of the clip to keep the furring channel tight.
  - Angled up teeth to lock the channel into the clip once weight is applied.
- Made with heavy gauge 33mil 20ga steel.
- 2 dimpled ribs running parallel to provide extra strength.
- 4 smaller added holes for installing on angled ceilings and for added strength.



## RMI

### Resilmat Sound Isolation Material

Part No#	Mat Height	Mat Width	Mat Length
RMI-205R	13/64" (5mm)	2 1/4"	30'
RMI-210R	25/64" (10mm)	2 1/4"	15'
RMI-305R	13/64" (5mm)	3 1/4"	30'
RMI-310R	25/64" (10mm)	3 1/4"	15'
RMI-505R	13/64" (5mm)	5 1/4"	30'
RMI-510R	25/64" (10mm)	5 1/4"	15'

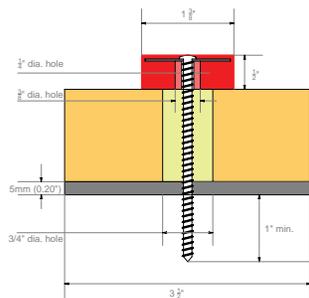
Resilmat – RMI is used to help prevent structure borne noise from transmitting through the wall into the areas above and below the partition.

#### Performance Attributes

- Can thin-set tile and stone directly to the product per ASTM C627.
- Compatible with most floor finishes.
- Fast installation.
- Available in 48" wide rolls and a variety of thicknesses.
- Vapor barrier option available.
- Crack isolation membrane protects ceramic, porcelain and stone tile from substrate cracks.
- Rated extra heavy by the Tile Council of North America.
- Passes VOC Washington State IAQ Test (ASTM D5116).
- Can contribute toward earning up to 9 LEED.

#### Standard Tolerance

- Width: +3/4" - 0"
- Length: +1% - 0"
- Thickness: -0.3mm



## W20R

### Resilmat Sound Isolation Washer

The W20R is a sound isolation washer used in conjunction with the Resilmat – RMI recycled rubber underlayment for most floor and ceiling sills.

The W20R is used in these sills by drilling holes up to 3/4" in diameter, every 16" to 24" (Consult local code) whether it is wood or metal track. Insert a fastener through the hole in the center of the W20R Washer and then fasten the plate to the floor.



- Sound Isolation Washer
- Diameter: 1 3/8"
- Thickness: 1/2"



Wood Track - RMI With W20R



Metal Track - RMI With W20R

## 3 Reasons Why Your Sound Isolation Project Needs Resilmount

### 1. Unique Patented Isolation Element

With an eye-catching design and signature red color, Resilmount's patented thermoplastic element is engineered to outperform standard rubber moldings because of its column/node matrix structure. The unique, multi-cell one-piece isolation element was designed by Resilmount to eliminate acoustic short circuit between the room lining and the building structure, and to ensure the clip assembly remains intact during transit and installation.

### 2. Third Party Testing

Studco have conducted extensive third-party testing on our Resilmount isolation clips, including Riverbank, NGC and WEAL, to offer you peace of mind that our products will perform under the relevant conditions. Resilmount is backed by Studco's experienced technical team and can also assist with qualified opinions and acoustic advice on your project.

### 3. Competitive Pricing

If you are looking for quality sound isolation products that are designed for optimum performance, without the high price tag; Resilmount is for you. All Resilmount acoustic mounts and isolation clips are manufactured using high quality materials and conforming to the strict ISO9001 Quality Management System.

In addition to being competitively priced, Resilmounts are designed for easy installation, saving installers time and money on site. Engineered to be secured with a single screw versus 2 and only a 2" screw required within UL ratings comparative to 2-1/2" on competitive designs.

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## Providing sound isolation in acoustic projects across North America



Apartments



Hotels



Schools



Offices



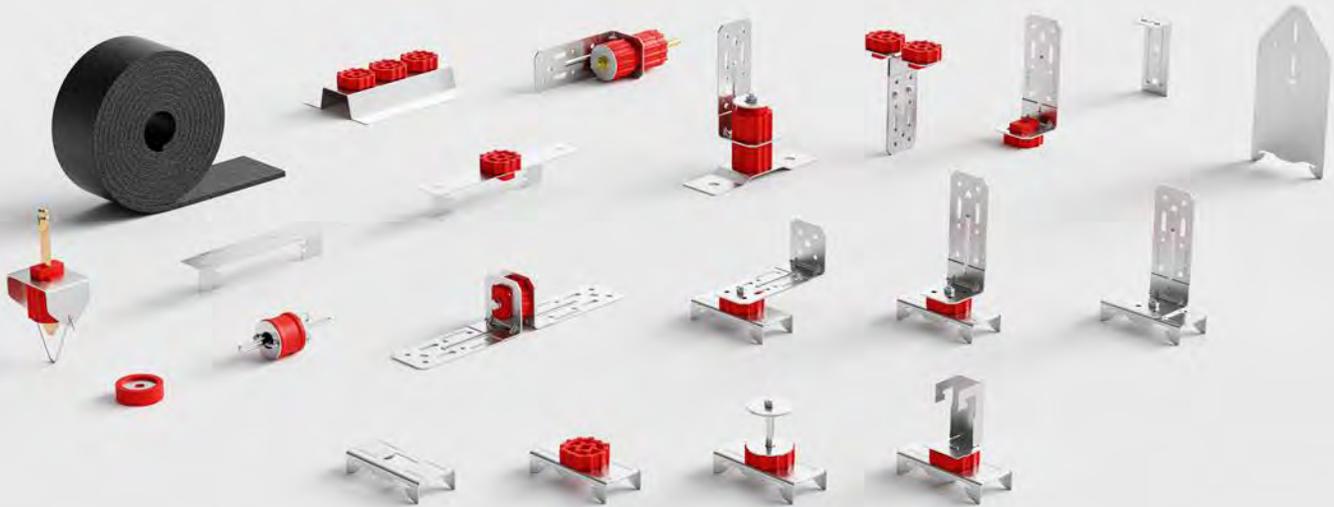
Theaters



Hospitals

For more information, contact the Resilmount product specialists on 800 675 8023 or email us at [sales@resilmount.com](mailto:sales@resilmount.com)

## The Resilmount family of products



WALL ASSEMBLIES				
Assembly	Part #	Fire Rating	STC	OITC
3-5/8" Metal Stud	A237R	1hr	57	XX
3-5/8" Metal Stud	A237R	2hr	63	XX
3-5/8" Metal Studs	A237R	1hr	59	46
3-5/8" Metal Studs	A237R	2hr	60	50
3-5/8" Metal Studs	A237R	1hr	58	46
6" Metal Studs	A237R	2hr	58	43
6" Metal Studs	A237R	1hr	60	47
6" Metal Studs	A237R	2hr	60	52
6" Metal Studs	A237R	1hr	59	47
4" Wood Stud	A237R	1hr	55	XX
4" Wood Stud	A237R	1hr	56	XX
4" Wood Stud	A237R	1hr	59	XX
4" Wood Stud	A237R	2hr	60	XX
3-1/2" Wood Studs	A237R	1hr	56	42
3-1/2" Wood Studs	A237R	1hr	59	49
3-1/2" Wood Studs	A237R	1hr	59	49
3-1/2" Wood Studs	A237R	1hr	58	45
5-1/2" Wood Studs	A237R	1hr	57	42
5-1/2" Wood Studs	A237R	1hr	61	46
5-1/2" Wood Studs	A237R	1hr	65	50
5-1/2" Wood Studs	A237R	1hr	64	50
5-1/2" Wood Studs	A237R	1hr	62	47
3-5/8" Steel Stud	A481R	XX	66	XX

CEILING ASSEMBLIES				
Assembly	Part #	Fire Rating	STC	IIC
Wood I-Joist	A237R	1hr	59	50
Wood I-Joist	A237R	1hr	60	56
Wood I-Joist	A237R	1hr	56	50
Wood I-Joist	A237R	1hr	56	55
Open Web Wood Truss	A237R	1hr	57	51
Open Web Wood Truss	A237R	1hr	54	44
Open Web Wood Truss	A237R	1hr	54	47
Open Web Wood Truss	A237R	1hr	58	49
Open Web Wood Truss	A237R	1hr	56	54
Wood Truss	A237R	1hr	50	41
Steel C Joist	A237R	1.5hr	65	60
Steel Bar Joist	A237-BR	1hr	53	36
6" Concrete Slab	A237-CR	XX	63	63
6" Concrete Slab	A48R	XX	63	63
6" Concrete Slab	A50R-1,2,3	XX	63	61

Review the fire & sound testing assemblies in the updated Resilmount Technical Manual





MANUFACTURED BY



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## Global Network

