RESILMOUNT
SOUND ISOLATION SOLUTIONS

SOUND ISOLATION SOLUTIONS
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.

Thermoplastic rubber with no metal washer eliminating the risk of the metal clip coming into contact with a metal washer.

Sound cells to absorb and break up airborne sound.

Patented secure fastening to metal clips.

Resilmount’s unique thermoplastic rubber outperforms standard rubber because of its absorbing characteristics.

Strong column design provides a smaller surface area of contact with the building structure.

1/4” diameter hole for a variety of fasteners.

Dead Load: 55 lbs.
Acoustic Load: 36 lbs.

Patents pending:
US 11/872574
AU 2007226819

Low profile of only 3/8”

3 7/32”

1 1/16”

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.

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.

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 14001:2004 environmental management system.
A237
Direct Fix Furring Channel Mount

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A237</td>
<td>Furring Channel Resilient Mount</td>
</tr>
</tbody>
</table>

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

A237R
Direct Fix Furring Channel Resilient Mount

<table>
<thead>
<tr>
<th>Part No#</th>
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<tbody>
<tr>
<td>A237R</td>
<td>Furring Channel Resilient Mount - Direct Fastening</td>
</tr>
</tbody>
</table>

Resilmount A237R can be used in wall and ceiling application with Studco 7/8” and 1-1/2” furring channel.
**A237BR-3,4,5**

**Furring Channel To Bar Joist**

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A237BR-3</td>
<td>Clip To Bar Joist</td>
</tr>
</tbody>
</table>

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.

**A237CR**

**Furring Channel to CRC Channel Resilient Mount**

<table>
<thead>
<tr>
<th>Part No#</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A237CR</td>
<td>Furring Channel to CRC Resilient Mount</td>
</tr>
</tbody>
</table>

The Resilmount A237CR is used to provide sound isolation between the cold rolled channel and the furring channel.
Resilient Joiner Bracket

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

Resilient Mount Right Angle Bracket

Resilmount A48R is provided with several 3/16" slotted holes in bracket fastening surface, suitable for direct fastening or inserting suspension rod for suspended ceiling systems.
A72R

Resilient Mount Double Right Angle Bracket

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A72R</td>
<td>Resilient Mount Double Right Angle Bracket #</td>
</tr>
</tbody>
</table>

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 Design Load:** 110lbs.

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A96R

Furring Channel to Purlin Resilient Mount

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A96R</td>
<td>Furring Channel to Purlin Resilient Mount #</td>
</tr>
</tbody>
</table>

Resilmount A96R can be fastened directly to trusses and purlins providing adjustability. Provided with a variety of holes for different fasteners.
A106R

**Resilmount Low Profile Mounting Bracket**

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A106R</td>
<td>Resilient Mounting Bracket #</td>
</tr>
</tbody>
</table>

The A106R is perfect for applications where maximum ceiling height is needed. It fastens directly to the side of wood or steel joists creating an air space below the joists as little as 1/4”.

**MBFR**

**Betafix Adjustable Resilient Mount**

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Clip Height</th>
<th>Metal Thickness</th>
<th>Clip width x length</th>
<th>Height of rubber*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBFR</td>
<td>1 3/8”</td>
<td>.069” / 14 gauge</td>
<td>1 1/4” x 4 7/8”</td>
<td>3/8”</td>
</tr>
</tbody>
</table>

*Height of rubber on top of clip

Adjustable Furring Channel clips with 4 positions at 3/16” increments to adjust Furring Channel, Eliminating packers.

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 Direct Adjustable Furring Channel Clip**

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.

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>MBF</td>
<td>1”</td>
<td>.069” / 14 gauge</td>
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<td>-</td>
</tr>
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</table>

Adjustable Furring Channel clips with 4 positions at 3/16” increments to adjust Furring Channel, Eliminating packers.

**A130R**

**Resilient Heavy Duty 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.
A50R

Resilient Isolation Hanger

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Description</th>
<th>Height</th>
<th>Deflection (mm)</th>
<th>Optimum Capacity (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A50R-1</td>
<td>Red Isolation Hanger</td>
<td>4&quot;</td>
<td>3/16&quot;</td>
<td>65</td>
</tr>
<tr>
<td>A50R-2</td>
<td>Black Isolation Hanger</td>
<td>4&quot;</td>
<td>3/16&quot;</td>
<td>120</td>
</tr>
<tr>
<td>A50R-3</td>
<td>Blue Isolation Hanger</td>
<td>4&quot;</td>
<td>3/16&quot;</td>
<td>200</td>
</tr>
</tbody>
</table>

The extensive range of sound isolation mounts for ceilings from Studco Building Systems now includes a selection of isolation hangers that have varying load capacities. That means that optimum ceiling acoustics are achievable regardless of the weight of the ceiling system. The unique color coding of the mounts identifies the ceiling load capacity. Three variants are available with load capacities of 65lbs, 120lbs and 200lbs.

- Easily 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.
Resilmat RM605/RM602

A flat, resilient, recycled rubber underlayment to be used directly under most floor finishes, yielding exceptional results even under hard surface flooring, over concrete and wood construction.

### Acoustics

Backed by over 400 independent lab and field tests, Resilmat has been proven to provide the highest levels of IIC sound isolation in the industry. Contact Resilmount to access the test reports that meet your needs.

### 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

<table>
<thead>
<tr>
<th>Part No#</th>
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<tbody>
<tr>
<td>RM602</td>
<td>2mm Recycled rubber sound isolation underlayment #</td>
</tr>
<tr>
<td>RM605</td>
<td>5mm Recycled rubber sound isolation underlayment #</td>
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</table>

Resilmat RMI / W20R

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

<table>
<thead>
<tr>
<th>Part No#</th>
<th>Mat Height</th>
<th>Mat Width</th>
<th>Mat Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMI-205R</td>
<td>5mm</td>
<td>2 ¼”</td>
<td>30’</td>
</tr>
<tr>
<td>RMI-210R</td>
<td>10mm</td>
<td>2 ¼”</td>
<td>15’</td>
</tr>
<tr>
<td>RMI-505R</td>
<td>5mm</td>
<td>3 ¼”</td>
<td>30’</td>
</tr>
<tr>
<td>RMI-510R</td>
<td>10mm</td>
<td>3 ¼”</td>
<td>15’</td>
</tr>
</tbody>
</table>

### Standard Tolerance

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

Wood Track - RMI With W20R

Metal Track - RMI With W20R

### W20R 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.

- Sound Isolation Washer
- Diameter: 1 3/8"
- Thickness: ½”

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.
The Resilmount family of products...