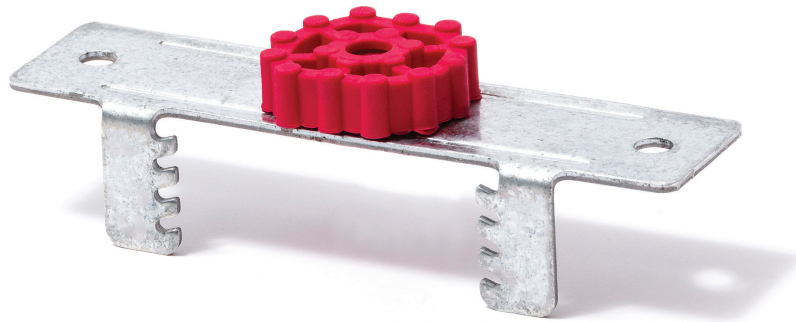




# RESILMOUNT MBFR SUBMITTAL PACKAGE



A Studco Innovation

# Resilmount MBFR 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](mailto:sales@resilmount.com) for further information.



**Riverbank** Acoustical  
LABORATORIES



WESTERN ELECTRO - ACOUSTIC LABORATORY



ACOUSTIC CONSULTING  
[www.pka.com.au](http://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.

# Resilmount MBFR Submittal Package

## APPLICATION

The Resilmount MBFR is an engineered, patented adjustable acoustic resilient mounting bracket for Studco furring channels. The MBFR clip reduces airborne vibration and structure-borne vibration in internal wall applications.

## FEATURES

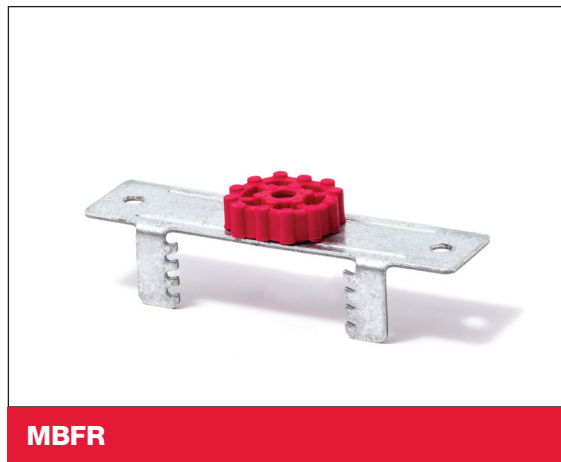
- Engineered thermoplastic rubber outperforms standard rubber because of its sound absorbing characteristics.
- Consistent and reliable quality - manufactured under ISO 9001 quality control system.
- Resilmount is a cost-effective solution for isolation airborne noise.
- MBFR clips can be used to suit 7/8" and 1-1/2" standard furring channels.
- Adjustment of 4 positions at 3/16" increment, eliminating the need for packers.
- Allows for the creation of a cavity behind the furring channel for mechanicals.
- Suitable for CMU, wood, steel, or concrete wall applications.

## INSTALLATION NOTES

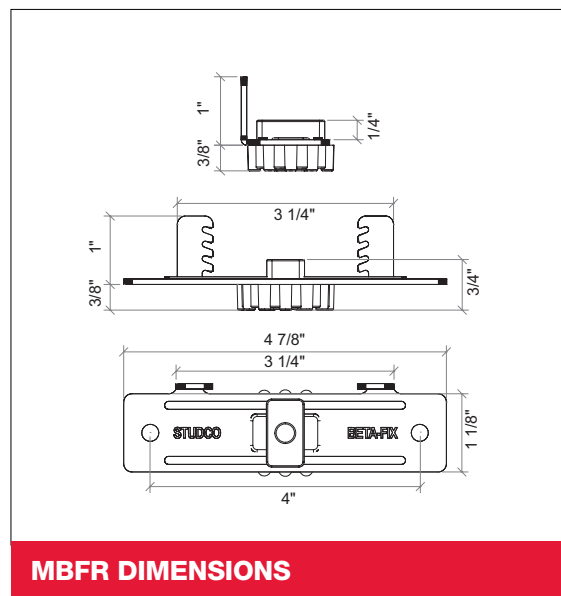
- MBFR to be fastened to structure using a minimum #8 screw or masonry sleeve anchors. (See fasteners manufacturer's specifications.)
- Maximum spacing of clips on furring channel is 48".
- Spacing between furring channels will not exceed 24" OC.
- Do not use in ceiling applications.

## DYNAMIC CHARACTERISTICS

The Resilmount MBFR is an engineered sound isolation clip used to reduce airborne and structure-borne vibration. The 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.



**MBFR**



**MBFR DIMENSIONS**

# Resilmount MBFR Submittal Package



## SPECIFICATIONS

| Code | Clip Height | Metal Thickness  | Clip Width x Length | Height of rubber |
|------|-------------|------------------|---------------------|------------------|
| MBFR | 1 3/8"      | .069" / 14 guage | 1 1/4' x 4 7/8"     | 3/8"             |

## FASTENERS

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

## RELATED PRODUCTS

- A237R Furring Channel Sound Isolation Clip
- A237 Metal Furring Channel Clip
- A48R Right Angle Sound Isolation Bracket
- A24R Chase Wall Sound Isolation Joiner Bracket

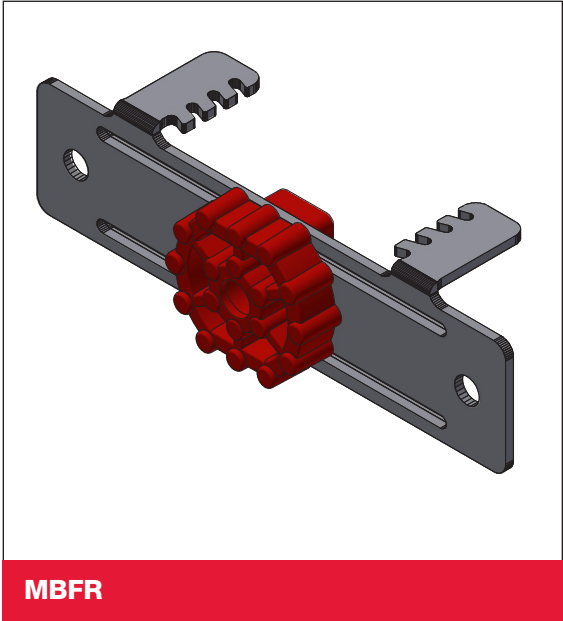
## WARRANTY

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

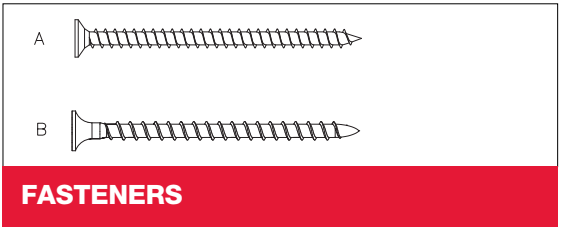
## ACCREDITATION/CERTIFICATION



MBFR



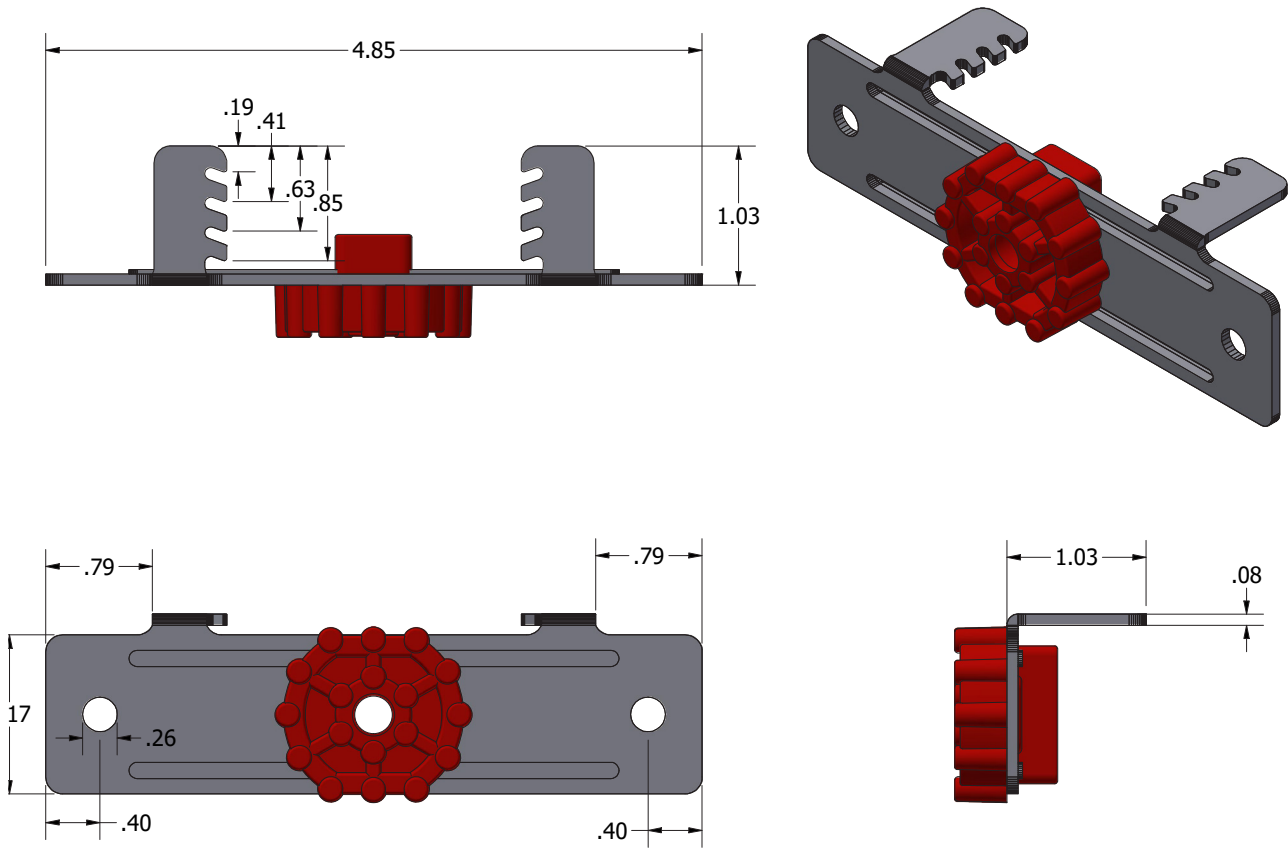
MBFR INSTALLATION



FASTENERS

# Resilmount MBFR Submittal Package

## PRODUCT DIMENSIONS



# Resilmount MBFR Submittal Package



## MBFR SPECIFICATIONS

**Width:** 1 1/4"  
**Clip Height:** 1 3/8"  
**Length:** 4 7/8"  
**Height of Rubber:** 3/8"  
**Max spacing between clips:** 48" OC



## SPECIFICATIONS

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|------|-------------|------------------|---------------------|------------------|
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## INSTALLATION NOTES

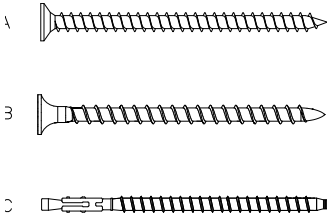
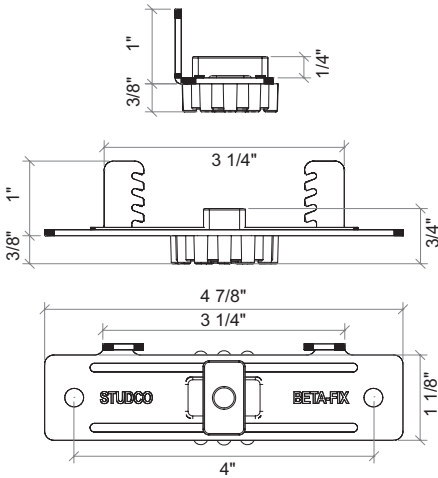
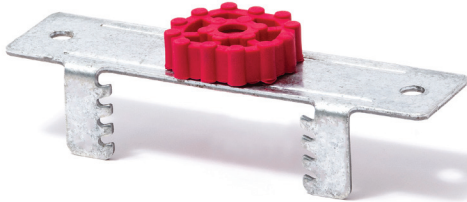
- Resilmount Betafix MBFR shall not exceed 48" on center along furring channel.
- Spacing between metal furring channels shall not exceed 24".
- Fasten the Resilmount BetaFix MBFR within 3" of the floor. (May be adjusted lower to accomodate installation of the baseboard.)
- Metal furring channels are installed perpendicular to the joists or studs.
- Install the drywall perpendicular to metal furring channel, leaving a 1/4" thick gap around the perimeter of wall to be filled with acoustical caulk. Caulk around the entire perimeter of the gypsum board.



## FASTENERS

**Wood:** #8 x 2-1/2" Coarse Threads (A)  
**Steel:** #8, #10 or #12 x 1-5/8" Self Taping Type S (B)  
**Concrete:** 3/16" x 2-1/4" Anchor Screws (C)

**DO NOT** fasten Resilmount clips to framing members with nails. Only use approved screws.



# Resilmount MBFR Submittal Package



## WALL INSTALLATION GUIDE

### STEP 1

Review your layout guidelines before starting installations of walls or ceilings. We suggest installing the ceiling first, before installing the walls.

### STEP 2

Space Resilmount BetaFix MBF or MBFR so not to exceed 48" OC. Secure clips with a single fastener through the middle screw hole in the clip.

### STEP 3

Snap hat channel onto Resilmount clip.

### STEP 4

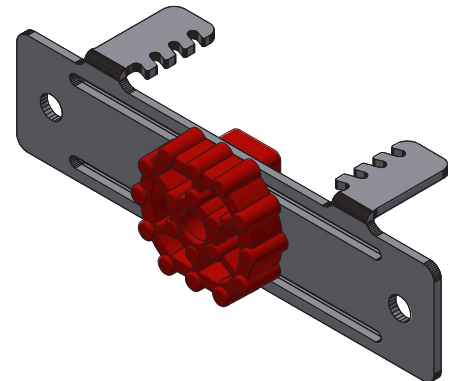
The floor shims are critical to ensure best results. Place 1/4" shims on the floor in front of sole plate. Install the first row of drywall vertically against the wall. Attach drywall to channel following local building codes.

### STEP 5

Use acoustical caulk around the entire perimeter of each wall.

### IMPORTANT NOTE

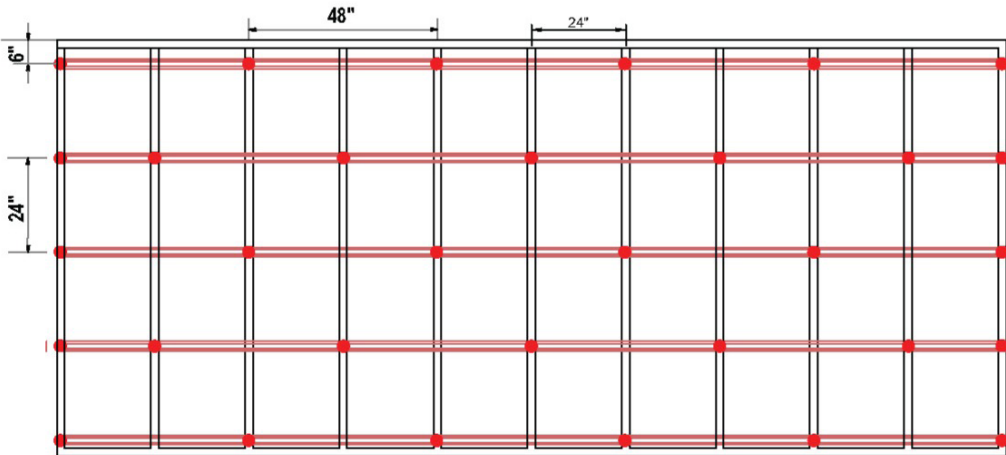
The BetaFix MBFR is for wall assemblies only, use of the MBFR in ceiling assembly is NOT permitted.



# Resilmount MBFR Submittal Package

## FIXING LAYOUTS

### Layouts for studs at 24" OC with 1 or 2 layers of Gypsum Board



### Layouts for studs at 16 inches OC with 1 or 2 layers of Gypsum Board

