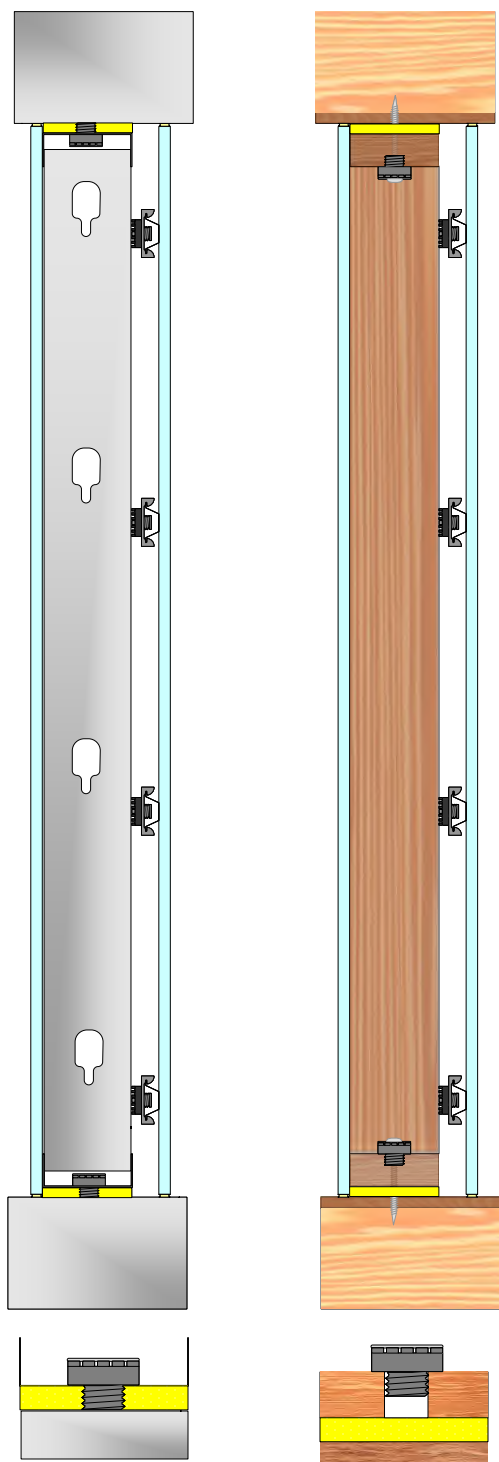




## RSIC-WFI

The RSIC-WFI is a system for use with any wood, steel or concrete application where noise control is required. This includes, wood framed, and steel framed wall systems that need Vibration and Noise Isolation from the structure below. The RSIC-WFI Clip and FGP decouples the framed structure from the ceiling-wall and floor-wall intersection. The RSIC-WFI system includes a rubber isolator and RSIC-FGP to decouple the fastener from the framing. The RSIC-FGP is a fiberglass pad to support the wall framing in-between the isolators and is required when used at the base of wall framing during installation.



**RSIC is the Low Cost, High Performance,  
Noise control Solution**

|            |
|------------|
| Wood       |
| Steel      |
| Metal deck |

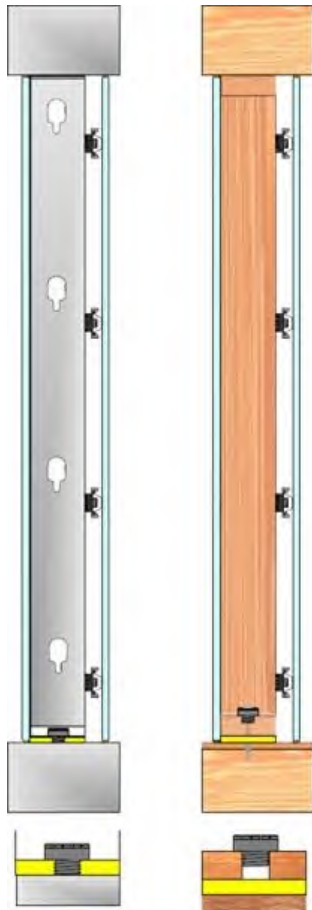
|            |
|------------|
| Concrete   |
| Condo      |
| Commercial |

|                  |
|------------------|
| Apartment        |
| Retail           |
| Conference Rooms |

|                    |
|--------------------|
| Recording Studio   |
| Home Theater       |
| Commercial theater |

| RSIC-WFI specifications: |           |
|--------------------------|-----------|
| Acoustical design load:  | 72 Lbs/Lf |
| Total deflection         | 1.5 mm    |
| Adjustable               | No        |
| Cavity min               | 1/2"      |
| Cavity Max               | 1/2"      |
| Adjustment limit         | N/A       |
| Use on Ceilings          | No        |
| Use on walls             | Yes       |
| New Construction         | Yes       |
| Retro Fit                | Yes       |

# THE RSIC SOUND ISOLATION CLIPS



## RSIC-WFI

- LOWEST LABOR COST
- HIGH PERFORMANCE
- WALL ISOLATION
- WOOD
- STEEL
- CONCRETE
- CMU
- CONDOS
- TIME SHARE / FRACTIONAL OWNERSHIP
- ASSISTED LIVING
- APARTMENTS
- HOTELS / MOTELS
- SINGLE FAMILY HOMES
- HOME THEATER
- COMMERCIAL THEATER

## RSIC-WFI (Wall Frame Isolator)

The **RSIC-WFI** is designed for use with wood and steel framed wall designs. The RSIC-WFI decouples the wall framing from the floor and ceiling structure. The RSIC-WFI system eliminates flanking paths normally caused by a wall directly connected the floor or ceiling.

When combined with the RSIC-1 wall system the highest possible noise control can be achieved by preventing noise from passing through wall framing into the adjoining structure. The RSIC-WFI works directly with the RSIC-1 to achieve total decouple walls from the structure.

**RSIC-WFI, the Low Cost, High Performance, Noise Control Solution**

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# THE RSIC SOUND ISOLATION CLIPS

## Installation Instructions for Steel Framing Top Track:

- Drill a  $\frac{3}{4}$ " hole in steel track @ 16" or 24" Intervals at or near each stud.
- Insert RSIC-WFI into the hole with the large side of the rubber inside the track.
- Line up and trim RSIC-FGP (Fiberglass Pad) to accept the RSIC-WFI, the RSIC-FGP should be between the ceiling and the steel track once installed.
- Wood structure use min #8 x 2.5" course thread fastener.
- Steel structure use min #8 x 1-5/8" fine thread self drilling fasteners.
- Concrete Structure:

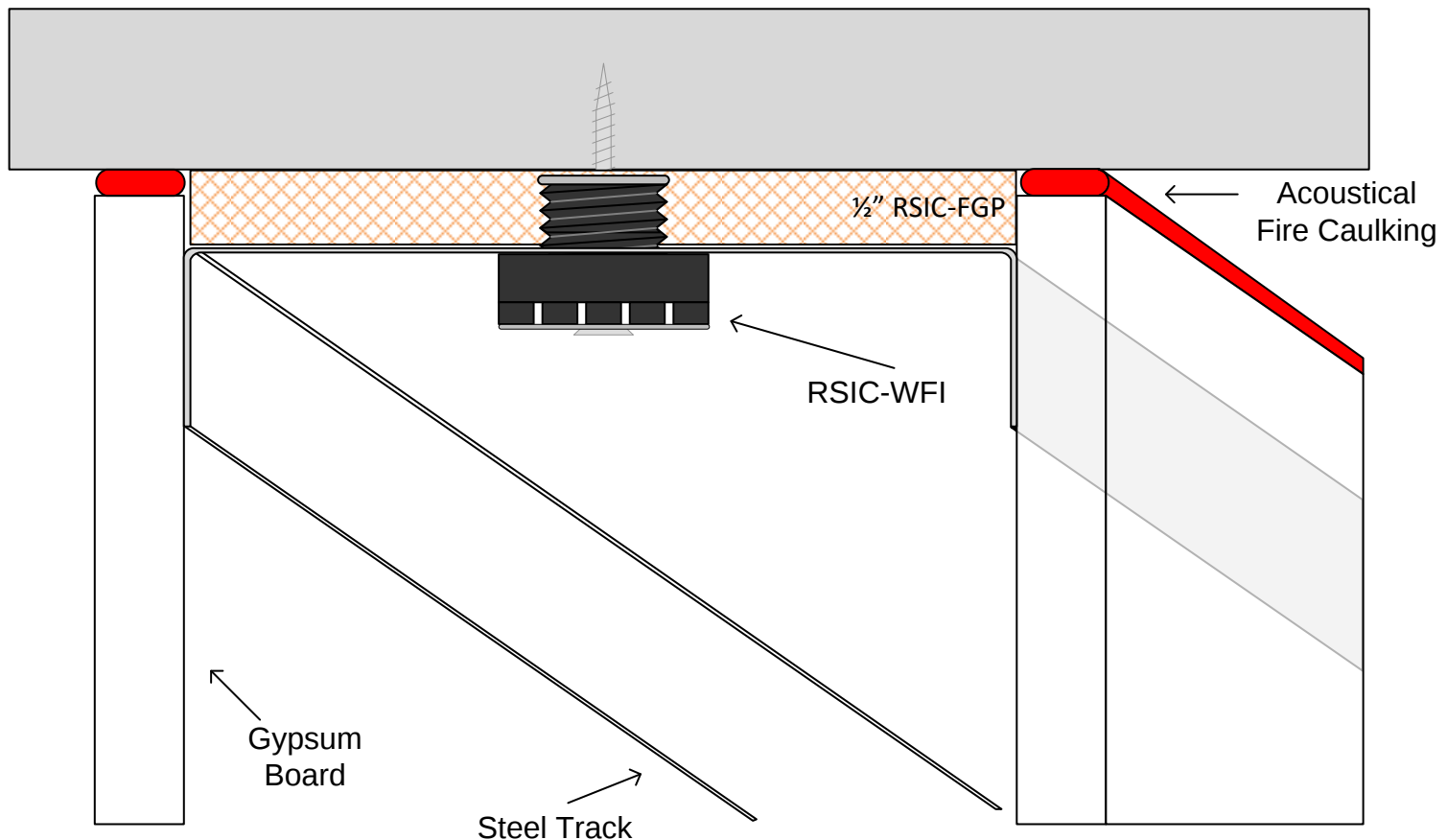
Screw in Tapcon or Tapper or similar, 3/16" x 3". Pre-drill the anchor hole per manufacturers recommendation

Drop-in Powers brand mini drop in anchor and 1/4-20 x 1-1/2" bolt

Other, see fastener manufacturers for details and information.

Install wall framing, and gypsum board per manufacturers recommendation.

- Caulk the perimeter of the gypsum board wall airtight. Use fire rated acoustical caulking where required.



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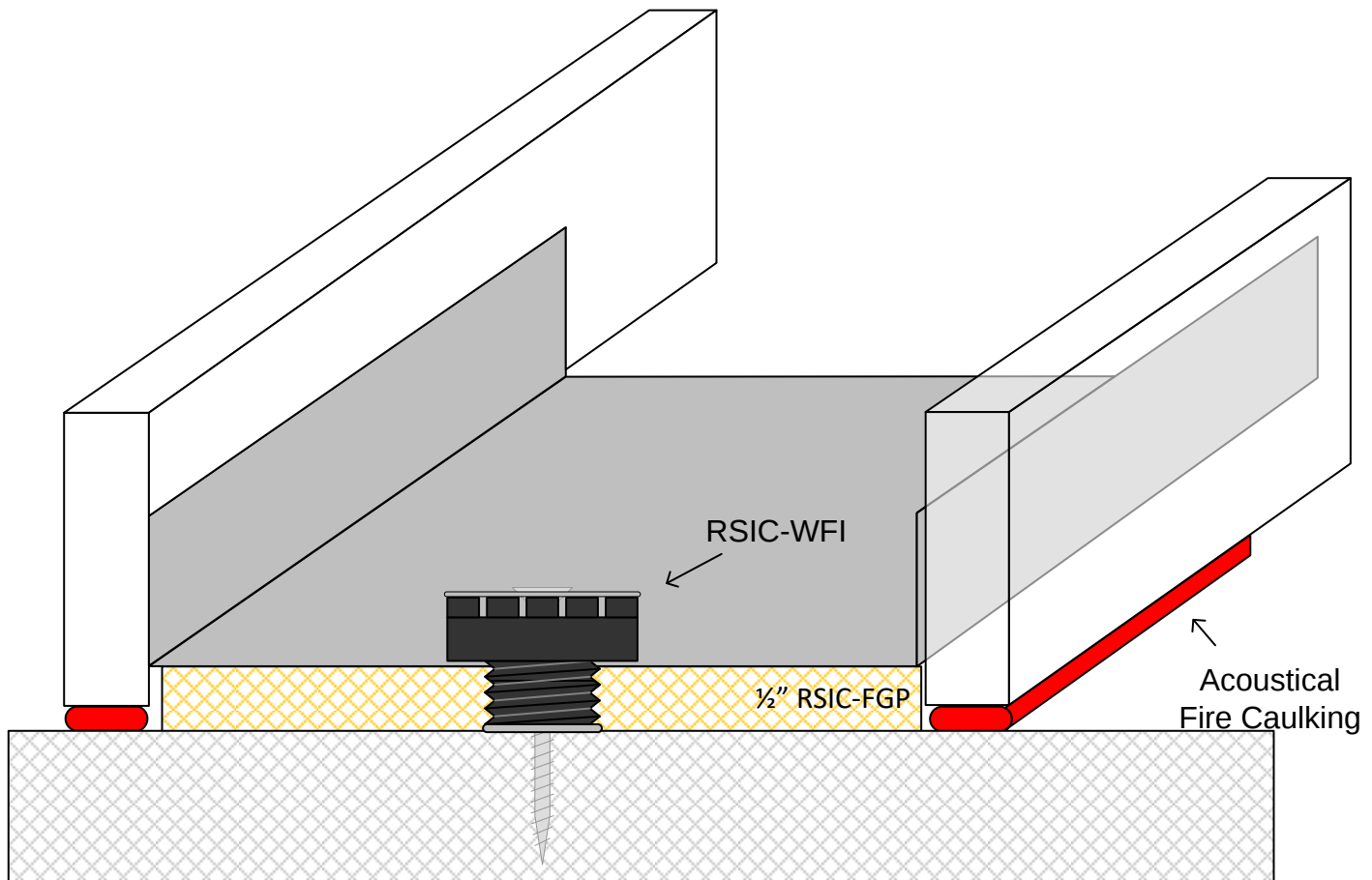
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# THE RSIC SOUND ISOLATION CLIPS

## Installation Instructions for Steel Framing Floor Track:

- Drill a  $\frac{3}{4}$ " hole in steel track @ 16" or 24" Intervals at or near each stud.
- Insert RSIC-WFI into the hole with the large side of the rubber inside the track.
- Line up and trim RSIC-FGP (Fiberglass Pad) to accept the RSIC-WFI, the RSIC-FGP should be between the floor and the steel track once installed.
- Wood structure use min #8 x 2.5" course thread fastener.
- Steel structure use min #8 x 1-5/8" fine thread self drilling fasteners.
- Concrete Structure:
  - Screw in Tapcon or Tapper or similar, 3/16" x 3". Pre-drill the anchor hole per manufacturers recommendation
  - Drop-in Powers brand mini drop in anchor and 1/4-20 x 1-1/2" bolt
  - Other, see fastener manufacturers for details and information.
- Install wall framing, and gypsum board per manufacturers recommendation.
- Caulk the perimeter of the gypsum board wall airtight. Use fire rated acoustical caulking where required.



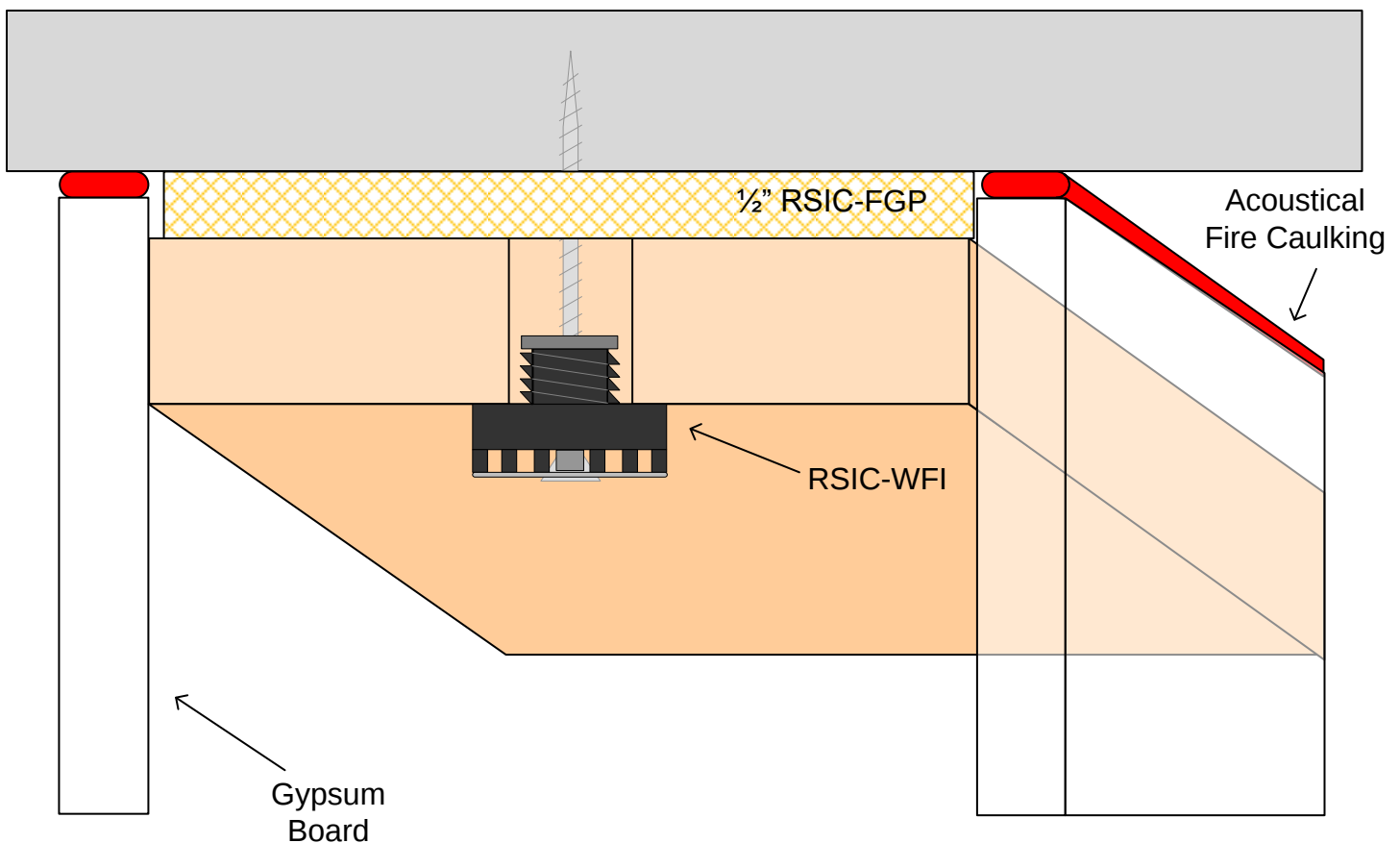
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# THE RSIC SOUND ISOLATION CLIPS

## Installation Instructions for Wood Framing Top Plate:

- Drill 1" hole in center of wood top and bottom plate located next to each stud location @16" or 24" OC.
- Insert the smaller/threaded side of the RSIC-WFI into the
- Line up and trim fiberglass pad RSIC-FGP to accept the RSIC-WFI isolator
- The RSIC-FGP should be between the top plate and the floor.
- Fasten the RSIC-WFI to the floor using appropriate fasteners for your application.
- Wood structure use min #8 x 4" course thread fastener.
- Steel structure use min #8 x 3-1/4" min. fine thread self drilling fasteners.
- Concrete Structure:
  - Screw in Tapcon or Tapper or similar, 3/16" x 4". Pre-drill the anchor hole per manufacturers recommendation
  - Drop-in Powers brand mini drop in anchor and 1/4-20 x 3" bolt
  - Other, see fastener manufacturers for details and information.
- Install wall framing, and gypsum board per manufacturers recommendation.
- Caulk the perimeter of the gypsum board airtight. Use fire rated acoustical caulking where required.



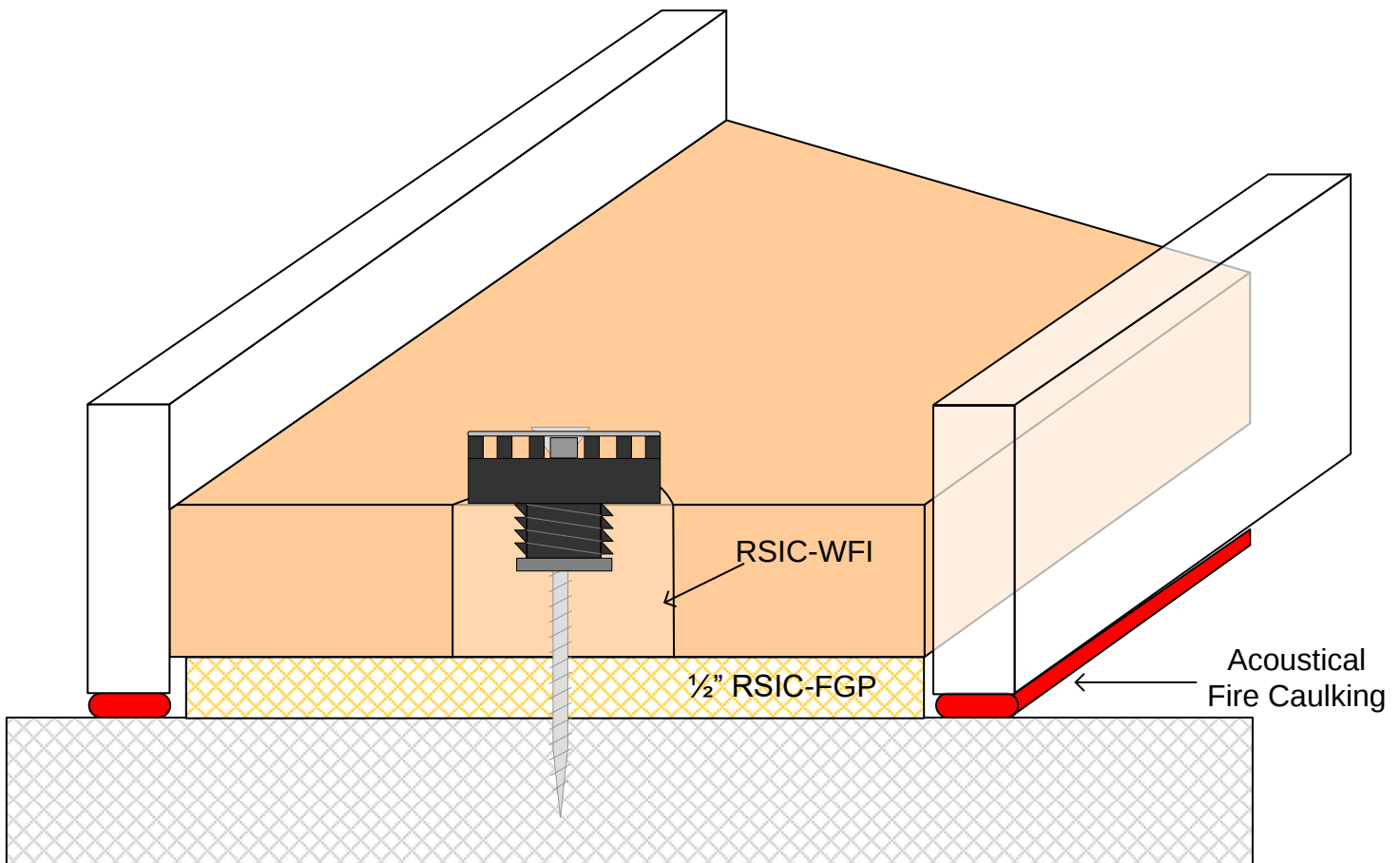
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# THE RSIC SOUND ISOLATION CLIPS

## Installation Instructions for Wood Framing Bottom Plate:

- Drill 1" hole in center of wood top and bottom plate located next to each stud location @16" or 24" OC.
- Insert the smaller/threaded side of the RSIC-WFI into the
- Line up and trim fiberglass pad RSIC-FGP to accept the RSIC-WFI isolator
- The RSIC-FGP should be between the bottom plate and the ceiling.
- Fasten the RSIC-WFI to the ceiling using appropriate fasteners for your application.
- Wood structure use min #8 x 4" course thread fastener.
- Steel structure use min #8 x 3-1/4" min. fine thread self drilling fasteners.
- Concrete Structure:
  - Screw in Tapcon or Tapper or similar, 3/16" x 4". Pre-drill the anchor hole per manufacturers recommendation
  - Drop-in Powers brand mini drop in anchor and 1/4-20 x 3" bolt
  - Other, see fastener manufacturers for details and information.
- Install wall framing, and gypsum board per manufacturers recommendation.
- Caulk the perimeter of the gypsum board airtight. Use fire rated acoustical caulking where required.

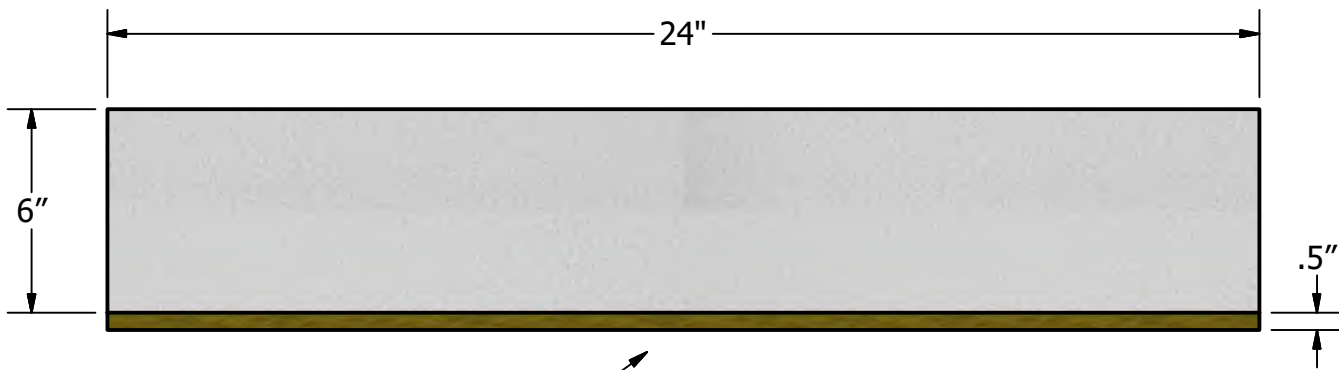


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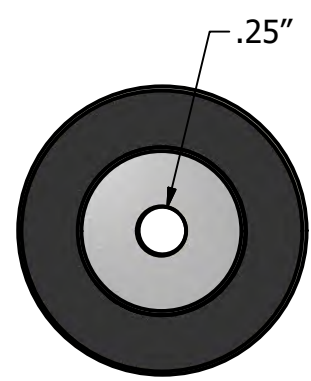
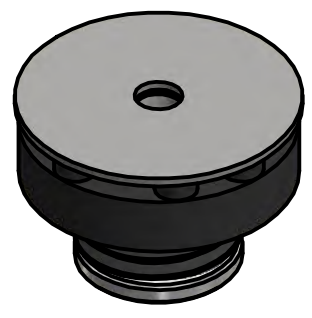
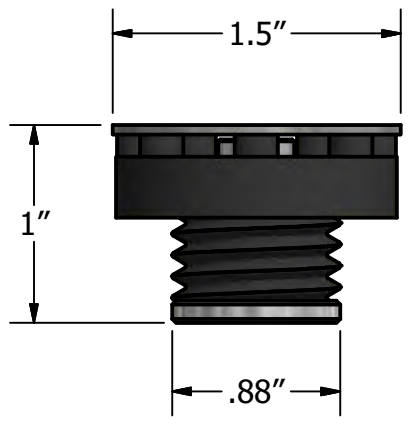
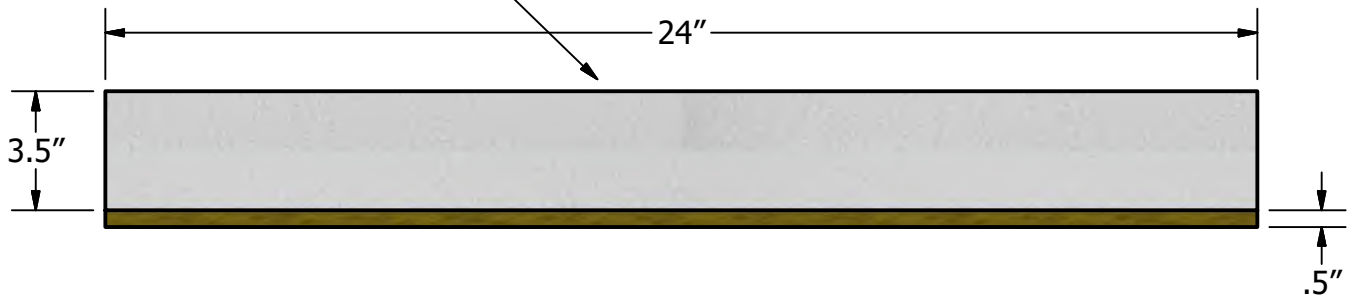
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2

1



RSIC-FGP 3.5" and 6"



|                |
|----------------|
| RSIC-WFI Kit   |
| 6/10/2021      |
| SCALE<br>1 : 1 |

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International

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Noise Control  
Solutions



2

1



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Noise Control  
Solutions



## LEED Analysis **RSIC-WFI**

### **Recycled Content**

PAC International's RSIC-WFI does not contain significant recycled content.

### **Fabrication Location**

The RSIC-WFI is manufactured in Canby, OR 97013

### **Material Source**

The extraction points for the materials in these products cannot be verified. Assume they are outside the 500 mile radius.



## **RSIC ® Safety Data Sheet**

Article Statement

(PAC International, LLC Wall and Ceiling Isolation Products)

This document is provided for clarification of the Safety Data Sheets that you have requested for our product(s). OSHA Hazard Communication Standard requires a SDS for hazardous chemicals; however, the standard exempts all articles from the requirement. The explanation of an article is described per OSHA definition below.

*Pursuant to 29 CFR 1910.1200 (b) (6) (v) and (c), the product described herein is an “article” or is otherwise excluded from OSHA regulations requiring that a Material Safety Data Sheet be prepared for it.*

*An article defined: manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacturing; (ii) which has an end use function (s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or other wise result in exposure to, a hazardous chemical under normal conditions of use.*

For technical information and additional resources covering these products please refer to PAC International published literature, e.g., data sheets, product drawings, and installation guidelines at [www.PacInternationalLLC.com](http://www.PacInternationalLLC.com)

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.



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Noise Control  
Solutions**

## **RSIC Product Warranty Disclaimer**

### **WARRANTY DISCLAIMER AND LIABILITY LIMITATION LANGUAGE**

**WARRANTY AND DISCLAIMER AND LIABILITY LIMITATION LANGUAGE ONE YEAR WARRANTY** Seller warrants to the original purchaser that its products are free from defects in material or workmanship for one year from the date of purchase from seller. Any allegedly defective product that is portable must be returned to seller prepaid. If upon examination it appears to seller's satisfaction that the product is defective, seller shall repair, replace, or return the purchase price of the product at seller's option. EXCEPT FOR THE FOREGOING, THERE IS NO OTHER WARRANTY, REPRESENTATION OR CONDITION OF ANY KIND; AND ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS EXCLUDED AND DISCLAIMED. Some states do not allow limitations on implied warranties, so the above limitation may not apply to you.

### **LIABILITY LIMITED TO RETURN OF PURCHASE PRICE**

IT IS AGREED THAT SELLER'S LIABILITY AND PURCHASER'S SOLE REMEDY, WHETHER IN CONTRACT, UNDER ANY WARRANTY, IN TORT (INCLUDING NEGLIGENCE), IN STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY PURCHASER, AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, DAMAGE TO OR LOSS OF EQUIPMENT, LOST PROFITS OR REVENUE, COSTS OF RENTING REPLACEMENTS AND OTHER ADDITIONAL EXPENSES, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE PRICE STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY AND PURCHASER'S REMEDY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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### **MODEL FOR DEMONSTRATION PURPOSES ONLY**

THE MODEL OR SAMPLE SHOWN BY SELLER TO BUYER IS USED FOR DEMONSTRATION PURPOSES ONLY. THERE IS NO WARRANTY THAT THE GOODS AS DELIVERED SHALL CONFORM TO THE MODEL OR SAMPLE, AND CONFORMITY OF THE GOODS TO THE MODEL OR SAMPLE IS NOT PART OF THE BASIS OF THE BARGAIN BETWEEN SELLER AND BUYER.

### **NO WARRANTY OR COMPLIANCE WITH SAFETY CODE OR REGULATION**

SELLER DOES NOT WARRANT THAT ANY OF THE GOODS SOLD WILL MEET OR COMPLY WITH THE REQUIREMENTS OF ANY SAFETY CODE, BUILDING OR DWELLING CODE, OR REGULATION OF ANY STATE, MUNICIPALITY OR OTHER JURISDICTION.

### **NEVADA LAW APPLIES**

SELLER AND BUYER AGREE THAT ALL ASPECTS OF THIS TRANSACTION INCLUDING THE APPLICABLE STATUTE OF LIMITATIONS SHALL BE GOVERNED BY THE INTERNAL LAW OF THE STATE OF NEVADA, AND NOT THE LAWS OF CONFLICTS.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state