INSTALLATION

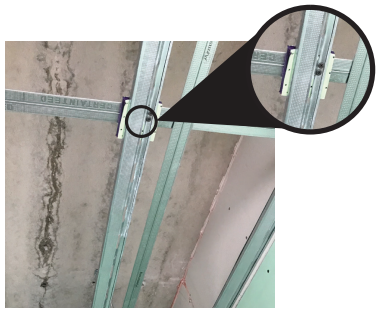
PART 3: INSTALLATION AND ADHESION

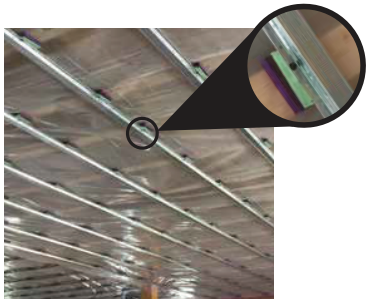
3.1 FASTENING

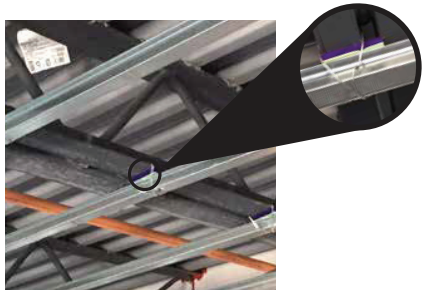
P.A.D. Systems may be mechanically fixed on anchor points or glued on joists by removing detachable adhesive film systems. P.A.D. Systems must always be installed on a smooth, dry, flat, and clean surface.

3.2 ANCHOR POINTS

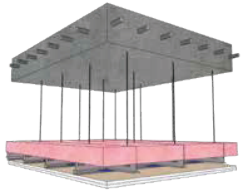
Make sure to fix P.A.D. Systems on all anchor points.







CONCRETE STRUCTURE



- Floor covering
- 8" concrete slab
- Insulation
- P.A.D. Systems
- Resilient channels
- Type X drywall
- Type X drywall

WOOD STRUCTURE

- Floor covering
- Subfloor
- I-joints or Open web
- Insulation
- P.A.D. Systems
- Resilient channels
- Type X drywall
- Type X drywall

STEEL STRUCTURE

- Floor covering
- 4" concrete slab
- Metal joists
- Insulation
- P.A.D. Systems
- Hat channels
- Type X drywall
- Type X drywall

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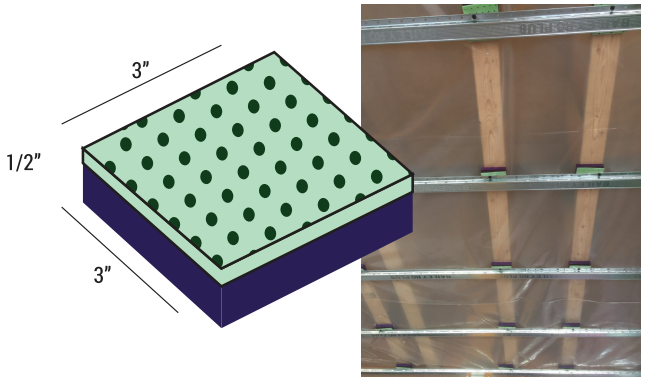
P.A.D. SYSTEMS™



P.A.D. Systems is an acoustic insulator that improves the soundproofing against airborne and impact noises. Quick and easy to install, P.A.D. Systems can be installed under wood, steel and concrete structures.

- **Soundproofing: Increases sound attenuation by up to 7 dB**
- **High resistance to flame spread and smoke development**
- **Stable R-value** *(R = 3.1 / inch)*
- **Excellent dimensional stability**

Distributed by:

constrio

PAD@constrio.com

P.A.D. SYSTEMS™

Email: PAD@constrio.com

INSTALLATION

PART 1: GENERAL INFORMATION

1.1 STORAGE AND HANDLING

Store P.A.D. Systems in a dry location protected from possible adverse weather conditions and not in direct contact with the ground. Remove P.A.D. Systems from their packaging only upon installation. P.A.D. Systems must be completely covered during transportation in order to prevent damaging the panel edges. P.A.D. Systems must be protected from adverse weather conditions once on site. Handle P.A.D. Systems with care in order to avoid damaging them before their installation.

1.2 GUARANTEE

P.A.D. Systems are guaranteed from manufacturer' s defect for 1 year following the date of manufacturing.

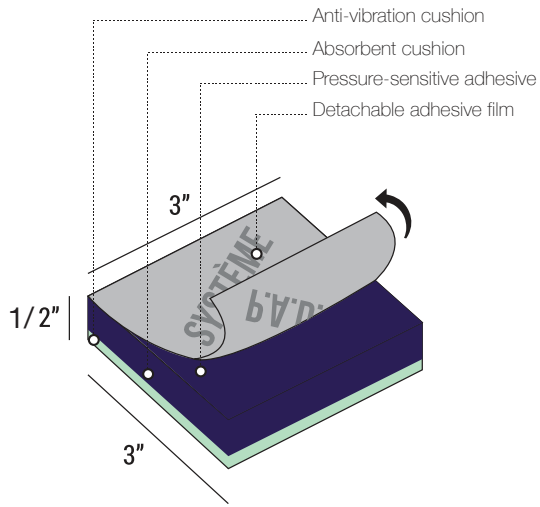
PART 2: PRODUCT

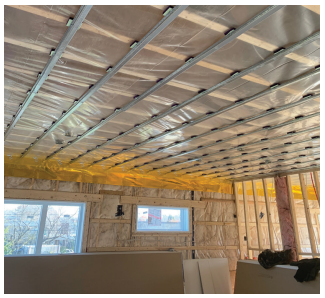
2.1 P.A.D. SYSTEMS VIBRATION INSULATORS

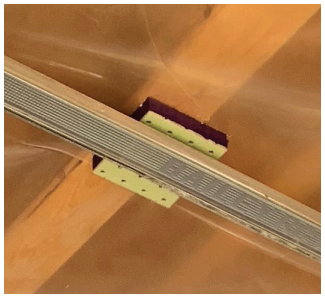
P.A.D. Systems vibration insulators are manufactured in one size:

- *Thickness: ½ inch (12.7 mm)*
- *Dimensions: 3 inch x 3 inch (76.2 mm x 76.2 mm)*

PRODUCT VIEW







PRODUCT SPECS

Density	ASTM D-1037	14.5 lbs / ft3 232 kg/m3
Transverse load at rupture	ASTM C-209	9.0 lbs 40N
Tensile strength perpendicular to surface	ASTM C-165	761 lbs / ft2 *(min)* 36.5 kPa *(min)*
Tensile strength parallel to surface	ASTM C-209	187 lbs/in2 *(min)* 1.29 mPa *(min)*
Water absorption	ASTM C-209	6%
Linear expansion	ASTM D-1037	0.10%
Compressive strength *(10% deformation)*	ASTM C-165	34.8 lbs/in2 *(min)* 23.54 kg/cm2 *(min)*
Compressive strength *(25% deformation)*	ASTM C-165	51 lbs/in2 *(min)* 3.59 kg/cm2 *(min)*
Tensile and Tensile Adhesion Properties	ASTM D-1623-09	31.5kPa

MR 2.1 , MR 2.2 - CONSTRUCTION WASTE MANAGEMENT
100% recyclable
(anywhere wood products are recycled)

MR 4.1 , MR 4.2 - RECYCLED CONTENT
Post-consumer recycled content: 42%
Post-industrial recycled content: 28%
MSL recycled fiberboard panels: 3%
Recycled content for LEED: 70%

MR 5.1, MR 5.2 - REGIONAL MATERIALS
Manufacturing locations: Louiseville *(Quebec)*
Wood supply: 100 % within 150 Km radius

QEI 4.1, QEI 4.2, QEI 4.4 - LOW-EMITTING MATERIALS
VOC: 0 g / L
No Urea Formaldehyde

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