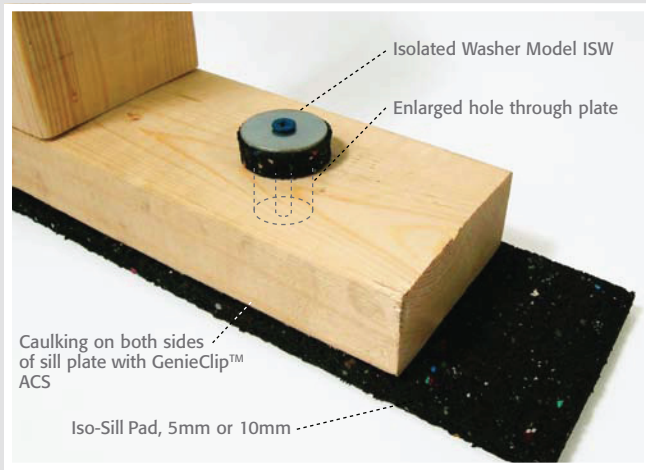


GENIEMAT™ ISO-SILL

Acoustic Isolation Pad



Isolate the top and bottom of wood or steel Stud Partition with Iso-Sill and Iso-Sill Anchor Isolators (Model ISW). Concrete Partitions poured or block can be isolated as well. (Observe maximum loadings)

••• **GENIEMAT ISO-SILL Acoustic Isolation Pads** act like a permanently resilient gasket used to reduce sound and vibration transfer through the building structures. Iso-Sill can be used for wood and steel framing, or for concrete block or pour.

Iso-Sill is manufactured with re-claimed rubber and is formulated with high damping acrylic polymers making it a "Green" product for LEED projects. The Iso-Sill pad is manufactured to carefully controlled density standards for trusted long term service.

Iso-Sill is impervious to water, most chemicals and temperature change. Iso-Sill will not rot or support mold.

Iso-Sill can be installed with mechanical fasteners, polyurethane based construction adhesives, or a variety of thin-sets and mortars. Iso-Sill anchor washers are available.

Application

- Flanking of sound and structure borne vibration can significantly de-rate sound rated partitions for both wall and floor/ceiling assemblies
- Both STC (airborne) and IIC (impact noise) can be affected by more than 10 points as compared to non-flanked assemblies
- GenieMat Iso-Sill acoustic isolation pad offers an easy and inexpensive solution for resiliently decoupling sound rated assemblies from other parts of the structure
- Iso-Sill effectively breaks the connection between rated and non-rated assemblies resiliently isolating sound and vibration
- Iso-Sill remains permanently elastic and is unaffected by water
- Iso-Sill is used in continuous strips on both top and bottom plates to ensure the sound rated assembly will be decoupled and remain fully effective
- Isolated anchors washers (Model ISW) are used to isolate fasteners

Benefits

- Factory slit to width and easily field cut to length with utility knives
- Unlike fiberglass it is not affected by moisture
- Used for both top and bottom plates
- Can be used for a wide range of loadings (1-50 psi)
- Continuous resilient support of partition
- Unaffected by water
- Will not support mold growth
- Can use mechanical fasteners or adhesives (PSA available)

How to Specify GenieMat Iso-Sill

- Iso-Sill is available in thicknesses of either 5mm or 10mm. It is provided slit to required widths
- Standard sizes are 1.25", 1.5", 3.25", 5.5" and 8" + custom widths
- Model IS/5 or 10 (indicates thickness) 3.25 (indicates width)
- Iso-Sill anchor washers' standard 1-1/4" diameter 91/16" thick

The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested applications may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications.

It's not magic, it's engineering.™

Impact and Airborne Sound Control

Patent Pending
(GenieClip™)