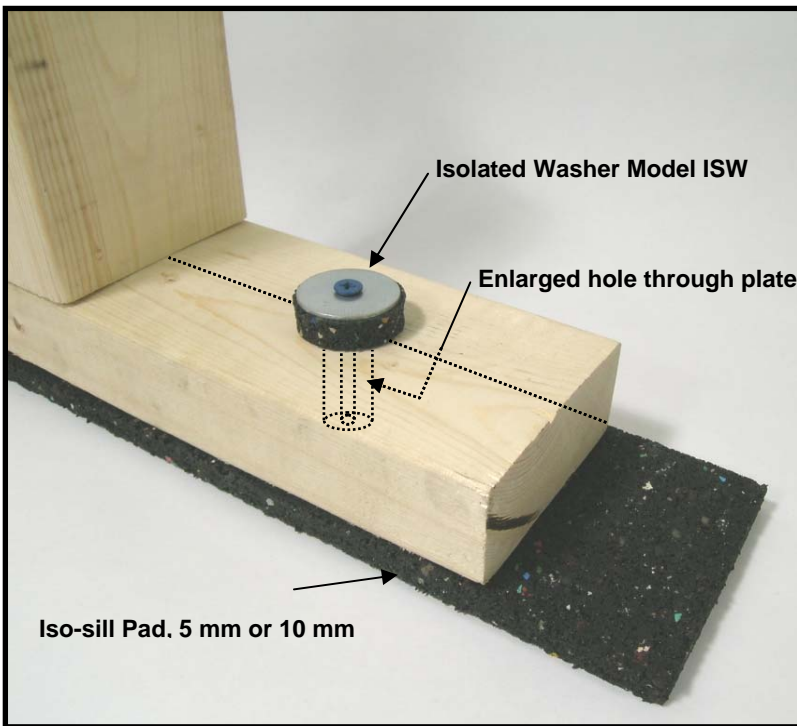


Iso-sill Acoustic Isolation Pad



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)

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.
- AcoustiGuard' Model Iso-sill Acoustic Isolation Pad offers an easy and in-expensive 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.

ISO-SILL Acoustic Isolation Pads acts 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.

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 Iso-sill:

- Iso-sill is available in thicknesses of either 5 mm or 10 mm. It is provided slit to required widths.
- Standard sizes are 2", 3-1/4" and 5-1/4" + custom widths.
- Model IS / 5 or 10 (indicates thickness) 3.5 (indicates width).
- Iso-sill anchor washers' standard 1-1/4" dia., 9/16" thick.

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