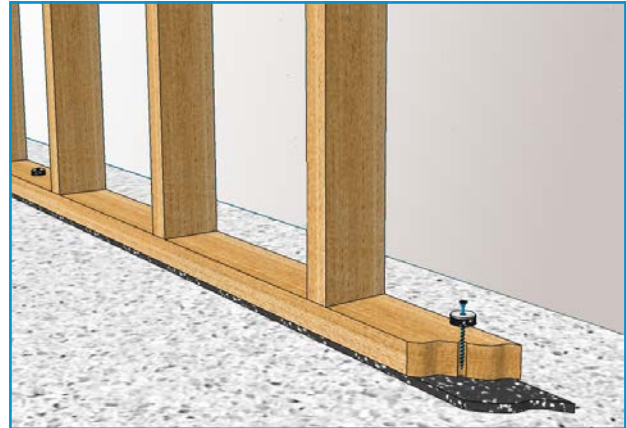


Iso-Sill™ Rubber Isolation Pad

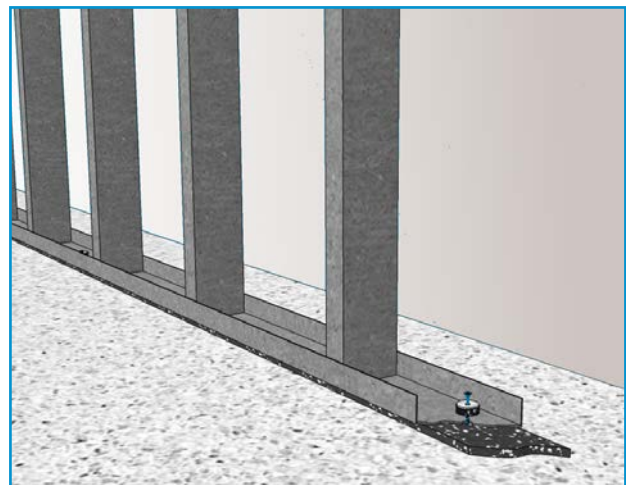
A Permanently Resilient Gasket To Reduce Sound & Vibration Transfer



Wood Stud Application



Steel Stud Application



Concrete Partition Wall Application (Pour Over or Block)

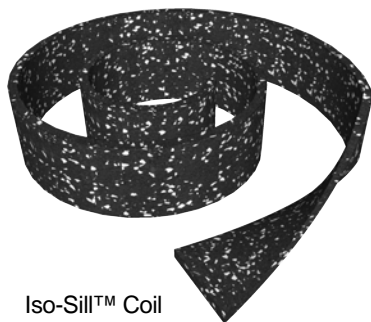


Acoustic 'flanking' can seriously degrade the acoustic performance of a wall assembly. Iso-Sill™ is used to help prevent structure borne noise from transmitting through the wall into the areas above and below the partition.

Iso-Sill™ is a permanently resilient gasket that decouples wall assemblies from the building structure to reduce the transfer of sound and vibration.

Iso-Sill™ is manufactured with reclaimed 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™ can be installed with mechanical fasteners, polyurethane based construction adhesives, or a variety of thin-sets and mortars. Iso-Sill™ Washers are also available through AcoustiGuard™ - WILREP LTD.



Iso-Sill™ Coil



Iso-Sill™ Washer
(fasteners not included)

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 by resiliently isolating the 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.

Iso-Sill™ Washers are used at the fastening points through the top and bottom plates. This ensures that there are no hard connections between the stud wall and the building structure.fasteners.

Benefits

- Factory slit to width and easily field cut to length with utility knife.
- 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)

How To Specify Iso-Sill™

- Iso-Sill™ is available in thickness of 5 mm (30 ft. coils), and 10 mm (15 ft. coils). Custom widths available to order.
- Standard widths are 2", 3-1/4" and 5-1/4". Custom widths available to order.
- The Iso-Sill™ Washer comes standard at 1-3/8" diameter and 1/2" thick.