

Resilient Sound Isolation Wall and Ceiling Clips

Model IsoMax - Patent No. 7,093,814

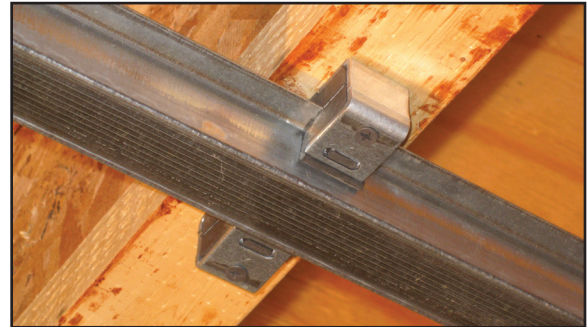


Low Cost, Space Saving Walls and Ceilings

Designers wanting low-cost, space-saving ceilings and walls that provide superior noise control employ Kinetics Model IsoMax resilient sound isolation clips. Model IsoMax, attached to ceiling joists, wall studs, or masonry, simply and easily secures drywall furring channel. One or more layers of gypsum board are hung to the furring channel using common construction practices. Offering higher STC values than drywall attached to resilient channel, Model IsoMax ensures that installers will not inadvertently screw through the “resilient” leg of the channel into the joist or stud. This feature cannot be underestimated given the frequent, unknown occurrences where resilient channel is accidentally rendered ineffective because it is hard-attached.

Benefits

- Highly effective sound control at lowest installed cost for walls and ceilings. +7 STC points versus RC Channel.
- Error free installation of standard drywall furring channel. Eliminates accidental short circuiting common with RC Channel
- Low-profile design; maximizes available occupied space and reduces materials vs. double stud wall design
- Flexible “snap-on” clips install quickly, and allow for height adjustments during installation of channel



UL Fire Rated Assemblies

Design No. L583

Floor/Ceiling Assembly **allows the broadest range of joist or truss assemblies** including: engineered “I” joists, wood and steel trusses, 2 x 10 wood joists, and parallel chord trusses. Allows fiberglass or mineral wool insulation with two (2) layers of gypsum wallboard.

More UL fire rated assemblies detailed online at kineticsnoise.com/arch/isomax/ul.aspx.

Ceilings

Design No. L546

Design No. V477

Design No. V489

Walls

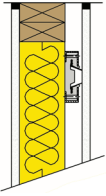
Design No. U305

Design No. U419



Sound Tests for Airborne and Impact Noise - STC and IIC

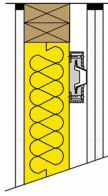
Tested Composite Wall Constructions per ASTM E90 and ASTM E413 at Riverbank Labs.



STC 57

+7 STC improvement compared to the same wall with resilient channel. Request our report, [IsoMax vs RC](#), for details

Wood Stud partition, 2 x 4, 16" O.C. with 5/8" gypsum board, one layer each side. Fiberglass in cavity. IsoMax clips and 7/8" furring channel.



STC 61



Wood stud partition, 2 x 4, 16" O.C. with 5/8" gypsum board, one layer one side, two layers on opposite side. Fiberglass in cavity. IsoMax clips and 7/8" furring channel.

Additional IsoMax STC and IIC test results:

IIC 57 - Wood I-Joist floor/ceiling assembly with wood floor

STC 60 - 63 - Steel Stud wall assemblies

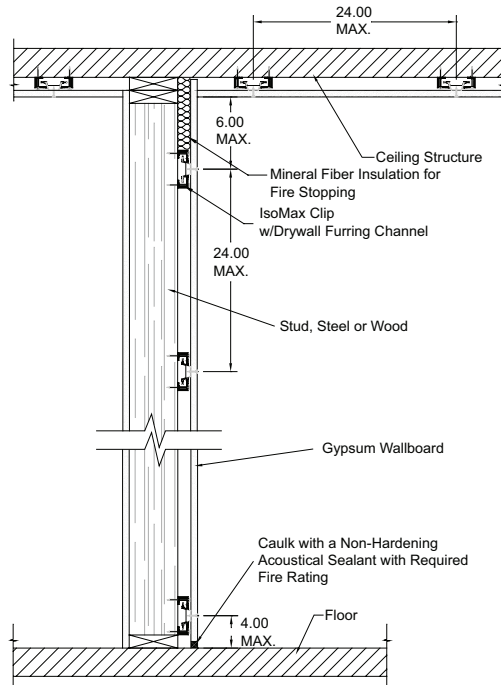
STC 66 - Gypsum board ceiling/concrete slab

IIC 58 - Gypsum board ceiling/concrete slab/wood floor on 1/8" mat

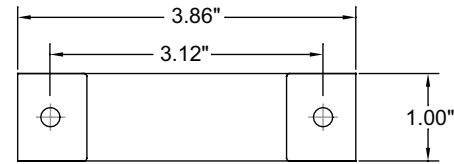
Complete sound tests available online at kineticsnoise.com/arch/tests/isomax.aspx

Typical Construction Detail

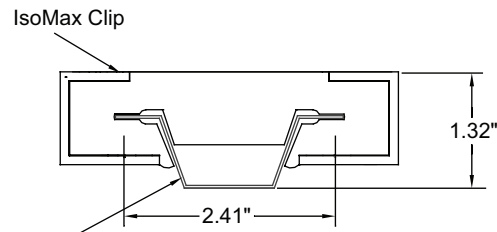
Clips typically spaced 48" apart on channels.



Product Dimensions



Plan View



Side View

7/8" Drywall Furring Channel (by others)



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Download Model IsoMax information including three-part specification, installation guidelines, and typical installation drawings at www.kineticsnoise.com/arch/isomax. Call the factory at 800-959-1229 if needing additional information; ask for Architectural sales. Purchase Model IsoMax and accessories through your local sales representative (www.kineticsnoise.com/arch/rep/).

Kinetics Noise Control, Inc. is continually upgrading the quality of our products. We reserve the right to make changes to this and all products without notice.