

GenieClip® LB2

SOUND AND VIBRATION ISOLATION BRACKET



PATENTS: US 7,895,803 US 9,121,469 CA 2,552,516 AU 2,007,276,677 CN 101,631,919 SG 149,449 EP 2,047,042

PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieClip LB2
DESCRIPTION:	Unibody molded rubber and steel part with extended bracket used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
APPLICATION:	Sound and vibration isolation clip with extended steel bracket used as a stand-alone system or in conjunction with a GenieClip wall or ceiling system to extend or reduce the profile space between the gypsum board layer and floor joists or wall studs and provide support at the wall termination of furring channels.
FEATURES AND BENEFITS:	• Significantly improves low and high frequency sound control performance • Substantially reduces impact noise in floor-ceiling assemblies • Allows for thinner and even no resilient mat used in certain floor-ceiling assemblies • Qualifies for LEED® points
DIMENSION:	1-5/8" width, 2-1/2" length, 4-7/8" height (nom. 41.275 mm width, 63.5 mm length, 123.825 mm height)
PROJECTION:	7/8" to 3-1/2" (22.225 mm to 88.9 mm) from supporting structure, when 7/8" (22.225 mm) drywall furring channels are used.
WEIGHT:	0.37 lb (166 grams)
QUANTITY/BOX:	30
QUANTITY/PALLET:	1500

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TECHNICAL DATA - ELASTOMER PROPERTIES

TENSILE STRENGTH (ASTM D412, ISO 37): 520 psi minimum (3.6 MPa minimum)

ELONGATION AT BREAK (ASTM D412, ISO 37): 580% minimum

TYPE A HARDNESS (ASTM D2240): 40 Durometer

DYNAMIC STIFFNESS (ASTM D5992, ISO 4664-1): 64.5 lbf/in (11.3 N/mm)

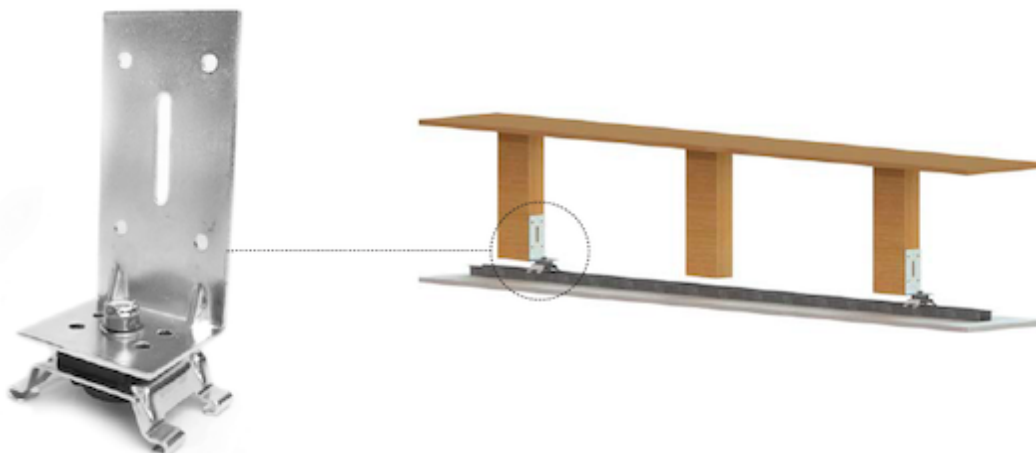
DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, ISO 4664-1): 1.19

TECHNICAL DATA

MAXIMUM DESIGN LOAD: 36 lb (16 kg) per each **GenieClip LB2**

LABORATORY SOUND TRANSMISSION CLASS (ASTM E90): Specified wall or floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM and ISO standards.

TEMPERATURE STABILITY: -40°F to +240°F (-40°C to +115°C)



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