



PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieClip WBN
DESCRIPTION:	Unibody molded rubber and steel part with threaded bolt and nut for use in combination steel bar joists. Used for superior impact and airborne sound control on composite concrete and steel joist floor-ceiling assemblies.
APPLICATION:	Sound and vibration isolation clip installed with drywall furring channels for support of gypsum board for noise control (de-coupling) in ceilings.
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 • Substantially reduces costs and associated problems in wood frame construction and still meets code for fire and sound control • No short-circuiting as is often the case with resilient channel
DIMENSION:	1-5/8" width, 2-1/2" height, 1" depth (nom. 41.275 mm width, 63.5 mm height, 25.4 mm depth)
PROJECTION:	Minimum distance from bottom of concrete to furring channel face is 4" (101.6 mm) Maximum distance is approximately 4-1/2" (114.3 mm)
WEIGHT:	0.1 lb (47 grams)
QUANTITY/BOX:	30
QUANTITY/PALLET:	1500



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

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 WBN**

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)



AROUND THE WORLD.

PLITEQ NORTH AMERICA

131 Royal Group Crescent
Vaughan, ON
L4H 1X9 Canada

4211, Yonge Street,
Suite 404, Toronto, ON M2P
2A9 Canada

2015 Main St,
Vancouver, BC
V5T 3C2 Canada

251 Little Falls Drive
Wilmington, DE
19808
United States of America
11701 N. 132nd Drive
Surprise, AZ
85379
United States of America

Calz. Gral. Mariano Escobedo
476-piso 12 Chapultepec
Morales, Anzures,
Miguel Hidalgo, 11590
Ciudad de México, CDMX
Mexico

T.+1 416 449 0049
T.+1 480 805 5560
T.+52 1 938 164 1551
info@pliteqacoustics.com
www.pliteqacoustics.com

PLITEQ UNITED KINGDOM

Office 205, Orega High
Holborn, 16 High Holborn,
London, WC1V 6BX
United Kingdom

T.+44 203 9846444
info@pliteqacoustics.com
www.pliteqacoustics.com/uk

PLITEQ MIDDLE EAST

European Business Centre
Dubai Investment Park
PO Box 473 512
United Arab Emirates

T. +971 4 567 4944
info@pliteqacoustics.com
www.pliteqacoustics.com/ae

PLITEQ ASIA PACIFIC

78 Shenton Way Tower 2,
6th Floor, Office Suite 25
079120, Singapore

T.+65 6813 2017
info@pliteqacoustics.com
www.pliteqacoustics.com/sg

PLITEQ AUSTRALIA

72 York Street, South
Melbourne, VIC, 3205
Australia

T.+61 3 9018 7696
info@pliteqacoustics.com
www.pliteqacoustics.com/au

