

# GENIECLIP® RST

## RESILIENT SOUND ISOLATION CLIP



PATENTS: US 7,895,803 US 9,121,469 CA 2,552,516 AU 2,007,276,677 CN ZL200780034674.1 SG 149,449 EPO Patent Pending

### PRODUCT SPECIFICATION

PRODUCT NAME: **GenieClip RST**

DESCRIPTION: Unibody moulded rubber and steel part used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.

APPLICATION: Resilient sound isolation clip installed with acoustic sealant and drywall **Pliteq furring channels** for support of plasterboard for noise control (de-coupling) in walls and 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 minimum fire and acoustic performance requirements
- No short-circuiting as is often the case with resilient bar

DIMENSION: nom. 41 mm width, 64 mm height, 25 mm depth  
(1 5/8" width, 2 1/2" height, 1" depth)

PROJECTION: 41 mm (1 5/8") from supporting structure, when 22 mm (7/8") drywall furring channels are used.

CLIP WEIGHT: 47 g (0.10 lb)

CLIPS/BOX: 100

BOXES/PALLET: 50

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### TECHNICAL DATA

MAXIMUM DESIGN LOAD:	16 kg (36 lb) per each <b>GenieClip RST</b>
ULTIMATE LOAD BEFORE FAILURE (ASTM D1761):	202 kg (445 lb) in direct withdrawal with 25 Gauge channel 104 kg (229 lb) in lateral resistance (shear)
TENSILE STRENGTH (ASTM D412, DIE C):	11.2 MPa minimum
ELONGATION AT BREAK (ASTM D573):	454% minimum
TYPE A HARDNESS (ASTM D2240):	37 durometer
DYNAMIC STIFFNESS (ASTM D5992, D4473, D4065):	11.3 N/mm
DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, D4473, D4065):	1.19
AIRBORNE PERFORMANCE ISO 10140-2:	Tested in NVLAP-certified laboratory and complies with minimum performance requirements for residential use.
IMPACT PERFORMANCE ISO 10140-3:	Tested in NVLAP-certified laboratory and complies with minimum performance requirements for residential use.
TEMPERATURE STABILITY:	-40°C to +115°C (-40°F to +240°F)



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