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One of the isomass systems range

isocheck™

Isoblock & Isobar System

NEW ISOMASS PATENT APPLIED FOR DESIGN

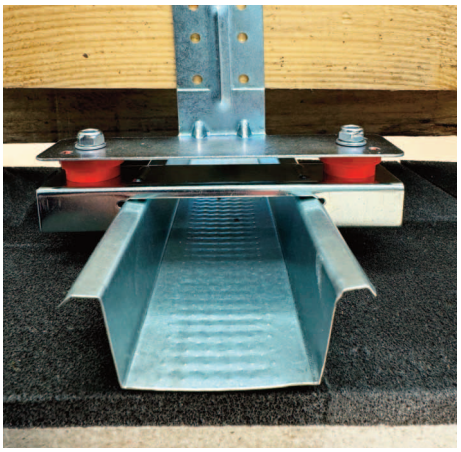


DESCRIPTION

- Isoblock & Isobar is a high performing sound reduction system designed to offer a more robust alternative to a standard resilient bar with similar low profile (space saving) features.
- The Isocheck Isoblock and Isobar system comprises a vibration absorbing steel clip which securely holds a steel channel.
- Isoblock and Isobar enables isolation of plasterboard from ceiling joists, timber and metal studs.
- Isoblock and Isobar is typically used in the construction of separating (party) walls and ceilings
- Can be used with optional support bracket to create level ceilings.

DECOUPLING BAR AND ISOLATING CLIP FOR ACOUSTIC FLOORS AND WALLS

- New build
- Conservation
- Refurbishments and noise complaints



Independently laboratory tested

Institute of Acoustics Sound • Noise • Vibration 1974–2024 Sponsoring Organisation

QAS International ISO 9001:2015 REGISTERED COMPANY

Taking the *mystery* out of Acoustics

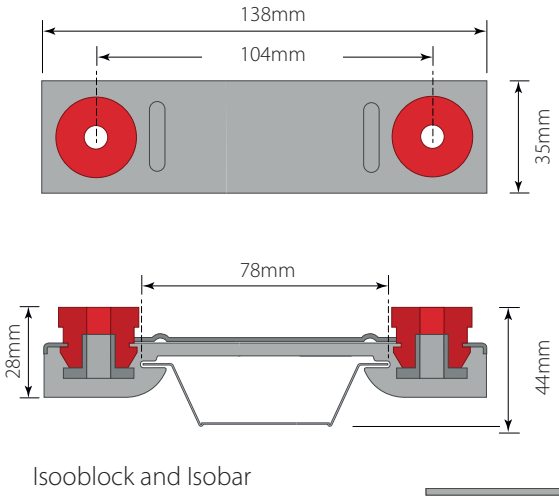
isocheck™ acoustic insulating products

isocheck™

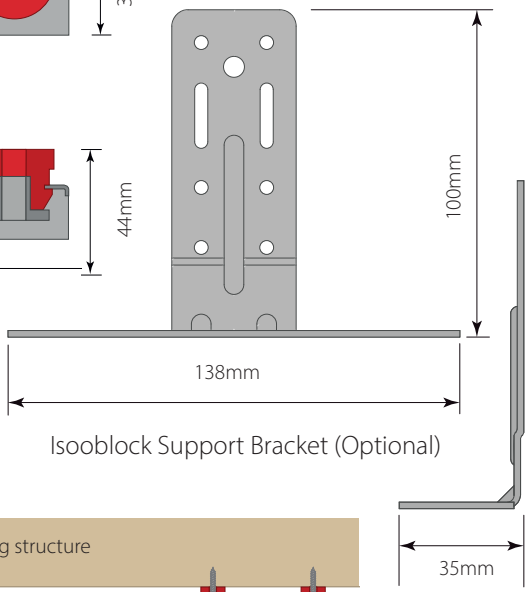
impact sound reduction system

Product data

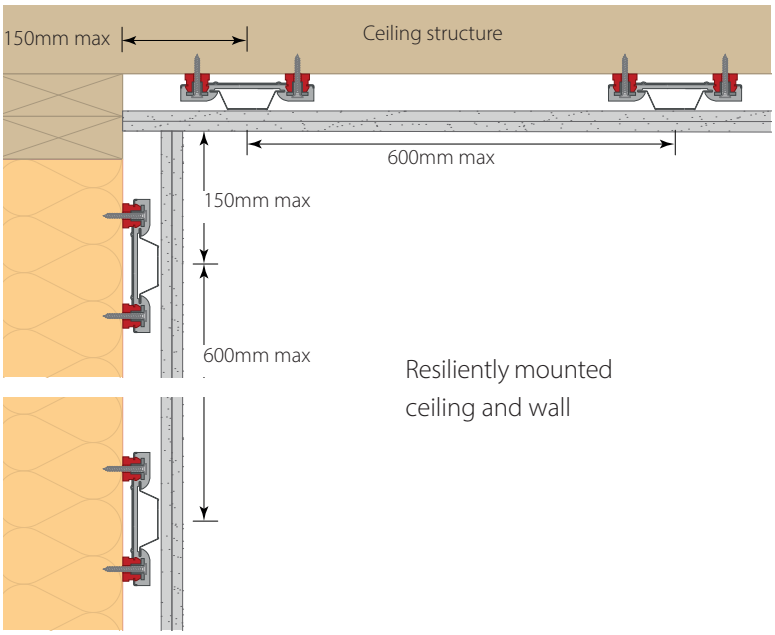
Isobar dimensions: Isobar weight:	78mm wide x 26mm deep x 1800mm long approx. 0.47kg/lm
Isoblock dimensions: Isoblock weight:	35mm wide x 28mm deep x 138mm long approx. 102g
Isoblock Support Bracket dimensions: Isoblock Support Bracket weight:	138mm wide x 35mm deep x 100mm high approx. 100g
Acoustic performance:	Multiple test results are available including extensive data from Sound Research Laboratories. Please contact Isomass to discuss project specific requirements.



Isooblock and Isobar



Isooblock Support Bracket (Optional)



Resiliently mounted ceiling and wall

BENEFITS

- Extremely high acoustic performance as proven by sound research laboratories ltd and multiple 'real site' sound test results.
- Economical, easy to install system. Easily attached to ceiling joists, wall studs and masonry.
- Weight capacity of 30-50kg/m^2 depending on joist spacing, see installation guidelines.
- Significant improvement over the use of standard resilient bars alone.
- Greatly reduced risk of 'bridging' by screw fixing when compared to standard resilient bars.
- Typically, two layers of plasterboard are affixed to the system, to ensure correct airborne sound reduction.
- Isoblock and Isobar offers a shallower ceiling solution than traditional metal frame systems. Less components result in lower cost and less labour time.
- The optional Isoblock Support Bracket can be used to create a deeper ceiling. It can also be used to create a level ceiling.

INSTALLATION

- Isoblock and Isobar system is quick and easy to install.

  Please see separate Isoblock and Isobar Installation Instructions for detailed information.

Every effort has been taken in the preparation of this sheet to ensure the accuracy of representations contained herein. Recommendations as to the use of materials, construction details and methods of installation are given in good faith and relate to typical situations. However, every site has different characteristics and reliance should not be placed upon the foregoing recommendations. Advice can be given as to specific applications of the products, upon request to Isomass Ltd.

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isomass® building acoustics

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