

isocheck™

Acoustic Cavity Barrier



AIRBORNE AND FLANKING IMPROVEMENT SYSTEM

- New build
- Refurbishments
- Conversions



DESCRIPTION

- ❑ The isocheck high performance Acoustic Cavity Barrier is designed to maintain the acoustic separation potential of a partition wall by treating the voids beneath and above the partition.
- ❑ Isocheck Acoustic Cavity Barrier consists of a single or double layer of 10mm semi-rigid acoustic foam bonded to 12.5mm high density, square edged fibre-reinforced gypsum board.

BENEFITS

- ❑ Easy to install solution to airborne noise transfer from adjacent areas.
- ❑ Improves privacy.

APPLICATIONS

- ❑ Acoustic Cavity Barrier is suitable for within all types of ceiling and floor void spaces including raised access flooring and suspended ceilings.



Taking the *mystery* out of Acoustics

Product data

Sheet size:	1197mm x 597mm x 23mm (single sided) 1197mm x 597mm x 33mm (double sided)
Resilient layer:	10mm isowave foam
Density:	1300kg/m ³
Weight:	approx. 17.3kg/m ²

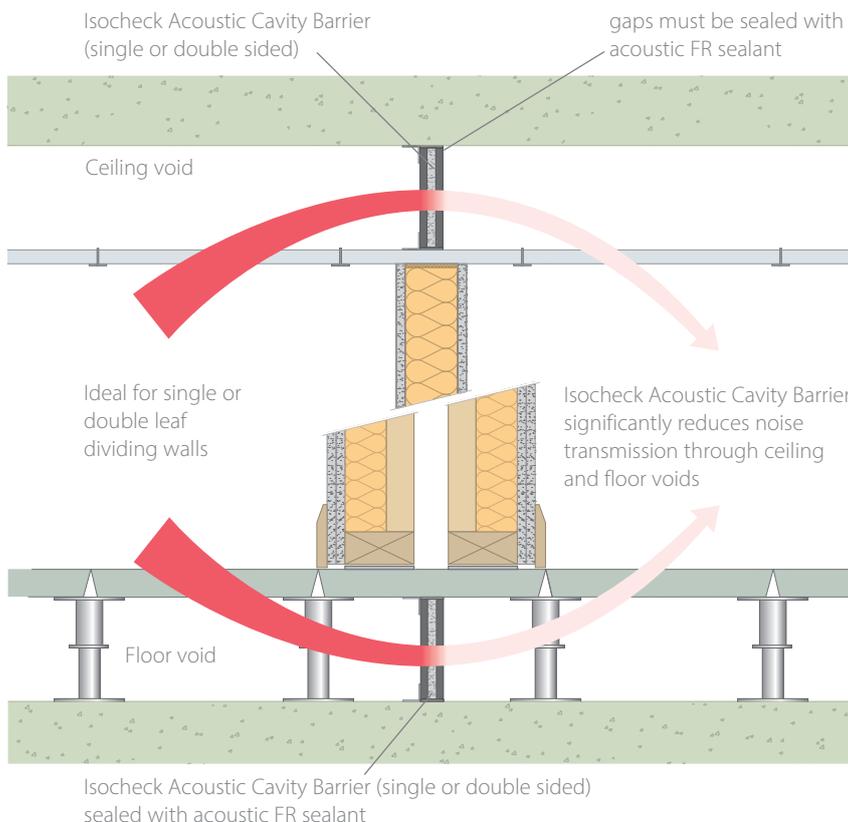
Performance

Isocheck Acoustic Cavity Barrier complies with requirements of EU Regulation No 2037/2000 for ozone depletion and offers good thermal properties.

The isowave acoustic foam is semi rigid and is an excellent absorber with high damping characteristics when bonded to an acoustically reflective stiff surface. Isowave foam is manufactured using water as a blowing agent and is free of CFCs, HFCs or HCFCs.

Isowave open celled polyurethane acoustic foam has been classified to the following fire performance:

- ❑ BS 476-7 Fire Propagation Index - <12
- ❑ BS 476-6 Surface Spread of Flame - Class 1
- ❑ Building Regulations Paragraph A13 (b) - Class O



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 building products.

SPECIFICATION

The acoustic cavity barrier shall be:

- ❑ Isocheck Acoustic Cavity Barrier, supplied by Isomass Ltd. Unit 14 Papworth Business Park, Stirling Way, Papworth Everard, Cambridgeshire CB23 3GY and installed in accordance with manufacturer's instructions / recommendations.

INSTALLATION

- ❑ Cut to shape using a hand saw, though a circular saw is ideal if lots of straight cuts are to be made
- ❑ Fix Acoustic Cavity Barrier to timber battens or angle brackets.
- ❑ Ensure all gaps are sealed using Isocheck Acoustic FR Sealant to ensure airtightness
- ❑ Full installation instructions are available and must be used in conjunction when laying this cavity barrier system.

