

One of the **isomass** systems range

isocheck™

Absorba ceiling & wall Panels



Recyclable post-use

FABRIC FACED PANEL SYSTEM FOR CEILING & WALLS

- New build
- Refurbishments
- Conversions



DESCRIPTION

- ❑ Isocheck Absorba ceiling and wall Panels systems are designed to absorb sound and reduce reverberation noise.
- ❑ The panels feature a 65kg/m³ Glass wool 'core' around an MDF frame and then covered with a Polyolefin fabric.
- ❑ The absorba panels reduce reverberated noise resulting in more productive, safer and comfortable environments, such as education facilities, offices, theatres, recording studios, home cinemas, interview rooms, sports halls, churches, restaurants and civic amenities.
- ❑ A large range of fabric colours are available. Please contact Isomass for details.

BENEFITS

The panels:

- ❑ have excellent acoustic properties.
- ❑ include a range of finishes to complement any design.
- ❑ include a range of fixing systems for all scenarios.
- ❑ are BB93 compliant for use in schools.
- ❑ are easy to maintain and clean.
- ❑ are fire rated to BS476 Class 0.



Taking the *mystery* out of Acoustics

isocheck™
acoustic insulating products

Product data:

Panel sizes*:	600mm x 600mm;	1000mm x 600mm	
	1200mm x 600mm;	1500mm x 600mm	
	1800mm x 600mm;	1200mm x 1000mm	
	1200mm x 1500mm;	1200mm x 2000mm	
Thickness	25mm	50mm	100mm
and weight:	3.25kg/m ²	5.0kg/m ²	8.0kg/m ²
Core:	65kg/m ³ Glass wool around MDF		
Finish:	Polyolefin fabric (available in a range of colours)		

*Other sizes are available special to order.

Fixings

A range of permanent and semi-permanent fixing options are available for all types of substrate, including mounting brackets and ceiling hangers. Bespoke fixings are also available upon request.

Fire

All absorba ceiling and wall panels have a non-combustible core. When faced with our standard fabric, Absorba panels comply with fire tests BS476: Parts 6 & 7 to achieve UK Building Regulations Class 0 performance.

Performance

Acoustic test data is provided at the bottom of the page. All the data we publish has been generated in approved acoustic testing facilities according to recognised acoustic test standards. Certificates are available on request.

Maintenance

Absorba ceiling and wall panels can be cleaned periodically with a low powered vacuum cleaner. Avoid using water on the panels and refer to our treatment guide to remove stains.

Installation service

Isomass offer an installation service in the UK. Alternatively we can support your installers to ensure the product is installed correctly.

Support

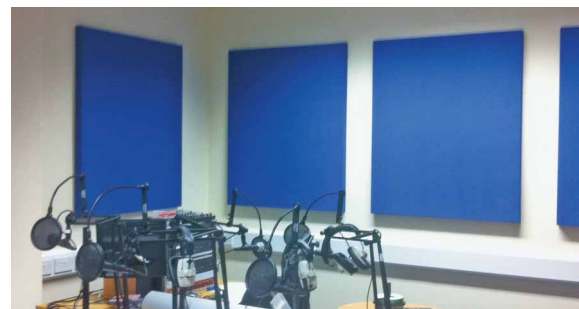
Isomass supply absorba panels throughout the UK and Europe. Support for specifiers includes technical advice, relevant data sheets and product samples where required.

If you don't see what you need please contact us. We are regularly developing and testing new acoustic treatment and sound proofing products.

SPECIFICATION

The acoustic floor shall be:

- Isocheck Absorba ceiling/wall panels, manufactured by Isomass Ltd. Units 10 & 11, Avenue Business Park, Off Brockley Road, Elsworth, Cambridgeshire, CB23 4EY and installed in accordance with manufacturer's instructions / recommendations.



Panel Thickness	Mounting method*	Absorption/frequency band						Absorber	
		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC	Class
25mm	Flush	0.07	0.31	0.76	1.02	1.09	1.10	0.80	C
25mm	25mm air gap	0.11	0.42	1.01	1.12	1.09	1.08	0.90	C
25mm	50mm air gap	0.18	0.55	1.13	1.10	1.05	1.02	0.95	B
50mm	Flush	0.32	0.90	1.15	1.10	1.09	1.10	1.05	A
50mm	25mm air gap	0.35	1.04	1.21	1.15	1.10	0.98	1.15	A
50mm	50mm air gap	0.41	1.02	1.15	1.10	1.03	1.00	1.11	A
100mm	Flush	0.89	1.11	1.20	1.27	1.27	1.25	1.17	A

*Mounting method describes whether the panel was tested flush against the wall or with an air gap behind it

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.

www.isomass.co.uk
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