

SPECTRUM ACOUSTIC PANELS FOR WALLS AND CEILINGS

A range of fabric faced wall and ceiling panels designed to absorb sound and reduce reverberation noise.

ADVANTAGES:

- Excellent acoustic properties
- Range of finishes to complement any design
- Range of fixing systems for all scenarios
- BB93 compliant for use in schools
- Easy to maintain and clean
- Fire rated to BS476 Class 0

APPLICATIONS:

Spectrum panels reduce reverberated noise resulting in more productive, safer and comfortable environments. Typical applications include:

- Education Facilities
- Offices
- Theatres
- Recording Studios
- Home Cinemas
- Interview Rooms
- Sports Halls
- Churches
- Restaurants
- Civic amenities

COMPOSITION:

- Core: 65KG / M3 Glass wool
- Internal frame: MDF (not visible)
- Covering: Polyolefin fabric (as standard)
- Manufactured in the UK

STANDARD SIZES:

- 575mm x 575mm
- 1150mm x 575mm
- 1500mm x 575mm

Other sizes available on request up to a maximum of 1200mm x 3000mm (subject to fabric and fixing limitations). Panels are subject to a standard tolerance of +/- 2.5mm.

THICKNESS:

- 25mm
- 50mm
- 100mm

Other thicknesses available upon request.

WEIGHT (NOMINAL):

- 25mm: 3.25KG / M2
- 50mm: 5KG / M2
- 100mm: 8KG / M2

ACOUSTIC PERFORMANCE:

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

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

Panel Thickness	Mounting Method*	Absorption Coefficient / Frequency Band						NRC	Absorber Class
		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz		
25mm	Flush mounted	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 mounted	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 mounted	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

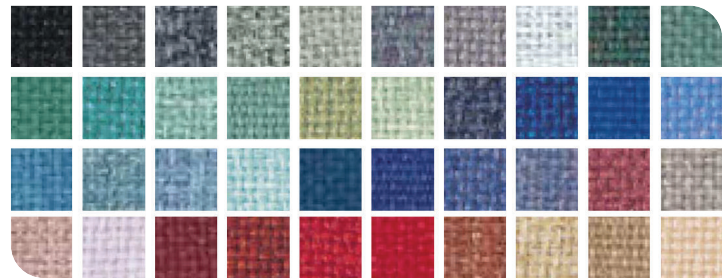
For more than 10 years, EQ Acoustics have provided acoustic solutions for building interiors. As specialists in the fields of noise control and room acoustics, our product portfolio has evolved to fulfil key requirements in construction and refurbishment projects.

Our products are supplied throughout the UK and Europe. Support for specifiers includes technical advice, relevant data sheets and product samples where required.



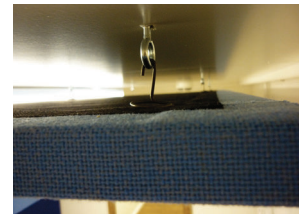
COLOURS:

40 colours with our standard Cara fabric. More colours and finishes available on a request.



FIXING OPTIONS:

A range of permanent and semi-permanent fixing options for all types of substrate. Bespoke fixings available upon request.



Example shown is a wire ceiling hanger with a screw eye in a plasterboard ceiling.

Rows of panels should be spaced by a minimum of 25mm.

We recommend you contact one of our technical advisors to approve your configuration.

FIRE RATING:

- Core: Non-combustible
- Standard Fabric: BS476 Class 1

When faced with our Standard Fabric, Spectrum panels comply with fire tests BS476: Parts 6 & 7 to achieve UK Building Regulations Class 0 performance.

MAINTENANCE:

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

INSTALLATION SERVICE:

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

Important: The contents of this document are to be used solely for guidance purposes and are not intended to form part of any contract. Product specifications may be subject to changes. All goods supplied by the Company are made to approved standards, however, no warranty or guarantee is given as to product suitability for any given application and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any advice given.

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