

RaftPanel -



Colour and Finish

Seven acoustically transparent fabric ranges are available, each with a different surface texture and a wide choice of colours. **RaftPanels** can also be spray painted to match any RAL colour subject to minimum order quantities.

Design

Our qualified and experienced consultants can provide architects, consultants and contractors with expert advice on all aspects of noise control. They can undertake noise surveys and provide details of anticipated reverberation time improvements to help ensure that the optimum design specifications and performance are achieved.

Operating Temperature

RaftPanels are suitable for use at normal building temperatures.

Fire Performance

Foam RaftPanels left in their natural grey state will comply with Class '0' requirements of the Building Regulations, when tested to BS476: Part 6: 1981 & Part 7: 1987.

The glass fibre (GF) variant can be covered in selection of fabrics which meet the requirements of BS476: Part 7 Class 1 Surface Spread of Flame. Screen fabrics can be chemically treated to provide a Class '0' fire rating subject to minimum order quantity and a marginal increase in lead time.

RaftPanels can have a spray painted finish, these do not have a fire rating.

Product Description

RaftPanels are acoustical fabric covered panels which offer noise control benefits that can provide a less stressful and more productive work environment as well as adding thermal value to any room. In addition to the unseen functional aspect of our products we can create a design to compliment any situation.

They are designed primarily to reduce reverberant noise by improving acoustic absorption within the area being treated. When installed directly below the soffit they will also improve the thermal insulation of the building. Each absorber is bonded to a lightweight sub-frame (foam variant only) specifically designed to be suspended from the existing ceiling without interfering with existing services or light fittings. The glass fibre (GF) variant is suspended using corkscrew hangers fixed directly into the rear of the panel allowing for suspension.

RaftPanels are extremely effective acoustically and offer an alternative and economical solution to a full suspended ceiling system. When hung from the soffit at different heights and alternating fabric colours they can create a feature within the area being treated, enhancing the interior design.

Care and Maintenance

The panels can be periodically cleaned with a low powered vacuum. They should never be cleaned using water. Stains can be treated with an appropriate cleaning solution applied in accordance with the manufacturer's instructions. A full Maintenance Manual is available upon request.

Application

RaftPanels are used extensively in schools, particularly old Victorian buildings with vast expanses of hard surfaces by clients wishing to upgrade the building to Building Bulletin 93 standards also they are commonly used in gymnasias, multi purpose halls, recording studios and music practice rooms.

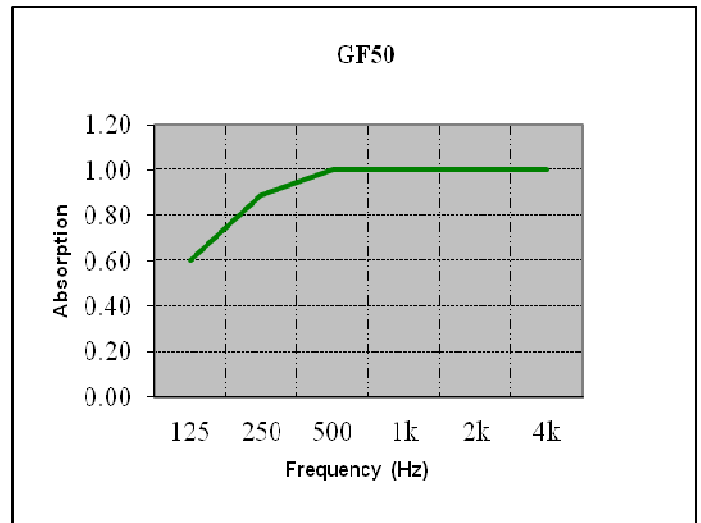
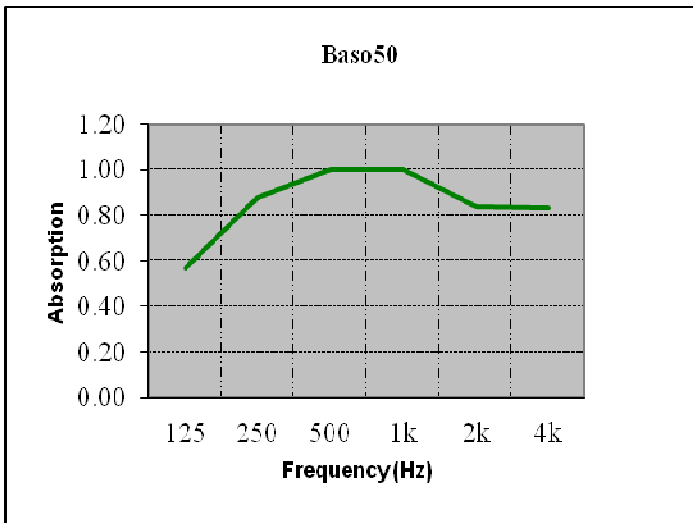
APPLICATIONS

- Offices • Hotels • Meeting Rooms • Conference Centres
- Music Studios • Leisure Facility's • Schools • Restaurants
- Showrooms • Prisons • Music Venues • Other

Sound Control Services Ltd

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Product Type	Sound Absorption Coefficient (tested to BS EN ISO 354)									Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
	Thickness (mm)	Octave Bands (Hz)								
		125	250	500	1k	2k	4k	α_w	NRC	
RaftPanel - Baso50 with 300mm ceiling suspension	50	0.57	0.88	1.00	1.00	0.84	0.83	0.90	0.93	A
RaftPanel - GF50 with minimal ceiling suspension	50	0.60	0.89	1.00	1.00	1.00	1.00	1.00	0.97	A



Dimensions and Weight**

RaftPanel	Thickness (mm)	Length (mm)	Width (mm)	Nominal Weight of Absorber complete with Sub-frame (Kg)
Baso50	50	2500	1250	9.00
GF50	50	2650	1200	15.50

** Other sizes and thicknesses are available to suit customer requirements and design, further information available on request.

Thermal Conductivity 0.035 Wm/k @ 10°C.A

Availability

Panels are available to order and should be fitted by skilled tradesmen or specialist contractors.

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