

RTPanel -



Colour and Finish

Seven acoustically transparent fabric ranges are available, each with a different surface texture and a wide choice of colours. **RTPanels** can also be spray painted to 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

RTPanels are suitable for use at normal building temperatures.

Fire Performance

Plain Basotect foam complies with the Class 'O' requirements of the Building Regulations, when tested to BS476: Part 6: 1981 and Part 7: 1987.

A 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 'O' fire rating subject to minimum order quantity and a marginal increase in lead time.

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

Product Description

RTPanels are plain or acoustical fabric covered ceiling 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. **RTPanels** can be bonded directly to both horizontal and vertical surfaces, this is providing the receiving substrate is free from dirt and suitably primed prior to installation.

RTPanels are extremely effective acoustically and offer an alternative and economical solution to a full suspended ceiling system. When fixed to the soffit with 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

RTPanels 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

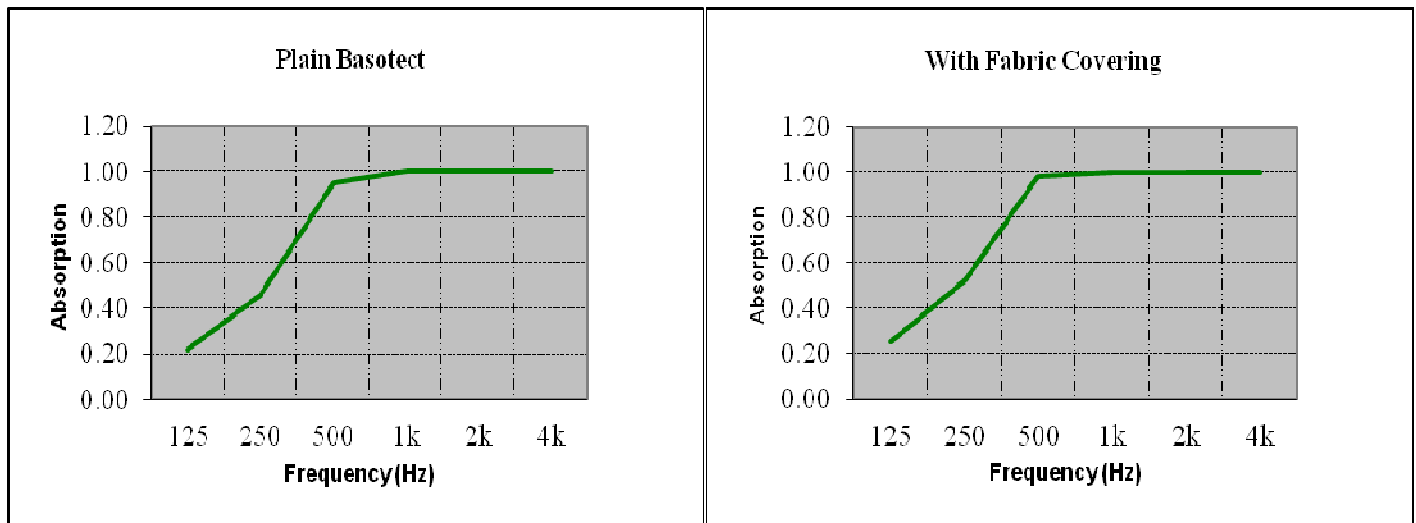
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Data Sheet

ACUPHON-)))

The Name for Architectural Noise Control Products

Product Type	Sound Absorption Coefficient (tested to BS EN ISO 354) Octave Bands (Hz)									Building Regulations Absorber Classification When tested to BS EN ISO 11654- 1997
	Thickness (mm)	125	250	500	1k	2k	4k	α_w	NRC	
RTPanel - Plain Basotect	50	0.22	0.46	0.95	1.00	1.00	1.00	0.75	0.85	C
RTPanel - With fabric covering	50	0.25	0.52	0.98	1.00	1.00	1.00	0.80	0.88	B



Dimensions and Weight**

RTPanel	Thickness (mm)	Length (mm)	Width (mm)	Nominal Weight of Absorber (Kg)
	50	2500	1250	2.44
	75	2500	1250	3.16
	100	2500	1250	3.90

** 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.

Packaging, Handling and Storage

Two **RTPanel**s are packed face to face in a non returnable polythene bag. Packs are laid flat and delivered on non returnable pallets with corner protectors. RTPanel should be stored inside and in dry conditions protected from dust and dirt. Packs should be kept level and NOT double stacked. Extreme care should be taken when handling to avoid damage and clean gloves should be worn to minimise marking the panel face.

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

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