

FOTOSORBA™

Digitally Printed Acoustic Panels



THE NEW INNOVATIVE DIGITALLY PRINTED SOUND ABSORBING PANEL

FOTOSORBA™ digitally printed acoustic panels have been created with a combination of design and good acoustics. They are acoustic panels cleverly disguised as pictures.

This superb solution to echo and reverberation is great for areas where aesthetics is a high priority.

In open plan areas such as restaurants, reception areas, hotels, offices and conference rooms, the space can become very noisy. This is because the wall and ceiling surfaces reflect the sound and allow it to bounce back into the room hence creating echo and reverberation. The noise becomes worse as the number of people increase in the room.

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DESCRIPTION

FOTOSORBA™ digitally printed acoustic panels are made from a highly sound absorptive fibreglass core with a digitally printed fabric face. The panel can either be printed with an image chosen from our library, on www.soundsorba.com, or from the customer's own image. This could be a company logo or its products or even a family photograph. The possibilities are endless.

The panels create a very attractive acoustic absorber which can add the finishing touches both aesthetically and acoustically to harsh reverberant areas, including restaurants, museums, galleries, libraries, conference rooms, offices, dining rooms, cinemas, exhibition halls, music venues, shopping malls, airports, banks, classrooms, reception areas, retail environments and living spaces.

FACING AND DIGITAL PRINTING

The facing of the FOTOSORBA™ acoustic panel is 100% polyester; this is used for its acoustic transparency and high digital printing quality.

The design which is printed on to the acoustic art panel can be either selected from our image library or be supplied by the customer themselves. Any images which are chosen for printing must be:

- Good quality (a print resolution of approximately 360 DPI is recommended). The quality of the final print will depend on the quality of the original photo.
- The image is wrapped around the edge of the panel and fixed to the back to create a neat edge finish therefore it is best to either choose an image which is central and has a thick margin around it or to choose an image which would look fine if it was cut off from the face of the panel.

INSTALLATION

FOTOSORBA™ acoustic art panels are simply installed using the Gluesorba Spray can adhesive which makes installation very quick and easy. For full details of how to install these panels please refer to our fixing guide, on:

www.soundsorba.com/FotosorbaFixingGLUESORBA.pdf

ACOUSTIC PERFORMANCE

Fotosorba Typical Sound Absorption Co-efficients							
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Absorption	0.10	0.37	0.76	0.97	1.04	1.05	0.78

Noise Reduction Coefficient 0.78 (i.e. 78% Sound Absorption)



NOMINAL DIMENSIONS

FOTOSORBA™ digitally printed acoustic panels can be manufactured to customer requirements to fit almost any space. The smallest square panel we offer is 600 x 600mm and the largest square panel we can manufacture is 1200 x 1200mm. The largest landscape or portrait panel we can manufacture is 1200 x 2700mm.

Please note: the size of the panel must reflect the image.

If the image is square then the panel must also be square. If the image is landscape then the panel size needs to also be landscape.

All panels are 25mm thick. Sizes can be mixed and matched to create different wall or ceiling designs or to cover larger areas however the minimum order is two panels and one square metre.

NOMINAL WEIGHT

The panels weigh approximately 3Kg/m²

FLAMMABILITY

The core of the panel meets BS 476: Part 6: Class 0 and the facing of the panel meets the requirements of BS 5867: Part 2: 1980 Type B performance.

ACHIEVING A GREENER BUILDING ENVIRONMENT

FOTOSORBA™ digitally printed acoustic panels are manufactured from a new and special green building material and laminated with a decorative acoustic facing. Glasswool is manufactured by melting recycled glass bottles and forming acoustic glass fibre boards which absorb noise. The key principle is to convert sound energy into kinetic energy as sound tries to pass through the glasswool. The flexing action of the glasswool fibres absorbs sound and dissipates it in the form of heat energy in minute form so as to be virtually undetectable. The facing of the panel is 100% polyester, which saves valuable finite petroleum resources to make virgin polyester. Using renewable materials means that we can be assured of their supply both today and in the future. The panels can be recycled at the end of their useful life hence saving the earth's valuable natural resources.

PRICE

For pricing please refer to our website: www.soundsorba.com

SIZES

Sizes are available on our website: www.soundsorba.com

Custom sizes are also available on request.

Prices and Conditions of Sale

Our standard terms and conditions (copy available on request) apply to all orders. Since Soundsorba Limited exercise no control over the use of its products, no legal responsibility is accepted for any application of their products. We reserve the right to change specifications without notice as our policy is one of continuous improvement.

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