

SOUNDSORBA®

ACOUSTIC PRODUCTS

CLOUDSORBA®



Suspended Acoustic Rafts

CLOUDSORBA® "suspended acoustic rafts" are an innovative method of absorbing reverberant noise in rooms without the visual appearance of just another one of those boring suspended ceilings.

The stunning visual effect of acoustic 'rafts' on a ceiling space leaves an occupant or visitor with an impression of flair and forward thinking on behalf of the designer of the room or hall.



CLOUDSORBA® Suspended Acoustic Rafts

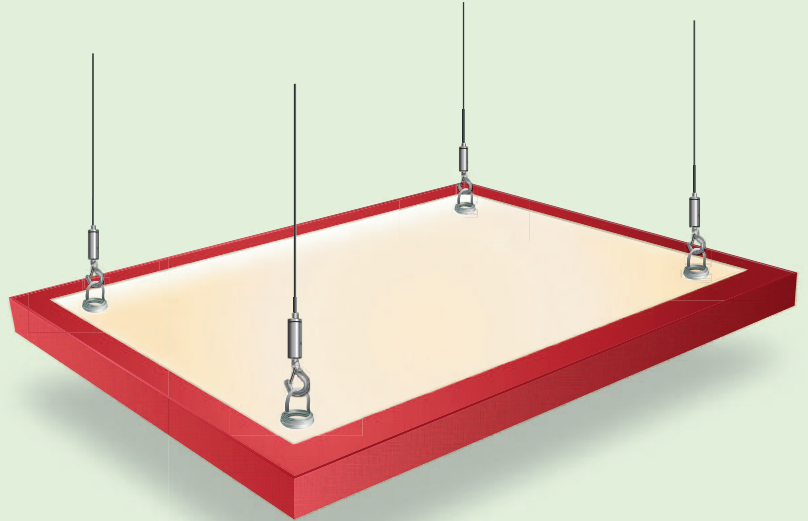
DESCRIPTION

Ceiling rafts are a very effective treatment for the reduction of sound in building areas. The CLOUDSORBA® not only allows one to achieve excellent acoustic results but also superb visual characteristics.

CLOUDSORBA® acoustic panels are available in a wide range of sizes and shapes, and is a high density glass fibre acoustic core board. This is faced on the visible face and edges with a decorative acoustic fabric which is available in a wide range of colours. CLOUDSORBA® can be manufactured up to a size of 2700mm x 1200mm. The acoustic fabric is applied to the face and around all four sides to give a superb frameless appearance. The CLOUDSORBA® panel system is installed using the spiral springs, 2m cables and the eyelet hooks.

Available in 40mm and 25mm thickness

Dimension tolerance +/- 3mm



FIRE RESISTANCE

Recycled glasswool acoustic board provides very good fire resistant properties. This is fire rated as Class O to BS476: Part 6.

Standard fabric facing complies with Class 1 to BS476: Part 7.

Class O fabric can be used on request.



WEIGHT

4kg/m² for 40mm
3.5kg/m² for 25mm



CLEANING

Vacuum clean periodically. Slight dirt marks may be cleaned with a damp cloth or a proprietary cleaner.



COLOURS

A wide range of fabric colours available.

ACOUSTIC PERFORMANCE)))

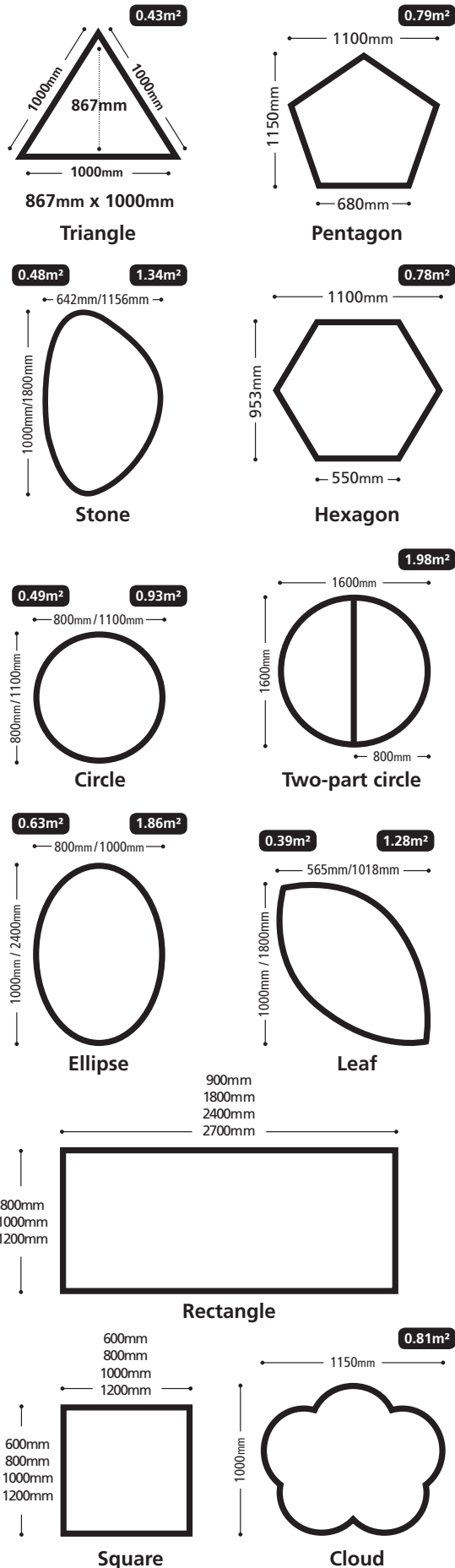
Class A Acoustic Absorber - 40mm thick with 100mm suspension

Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Sound Absorption Class
Absorption Coefficient	0.55	0.85	0.95	1.00	1.00	1.00	0.95	A



Multi-coloured cloud-shaped CLOUDSORBA® panels featured in a school classroom.

Innovative Design & Class A Absorption



Custom sizes can be manufactured in all shapes

KEEPING IT GREEN

Soundsorba Glass fibre sound absorbing boards consist of recovered household glass and recycled glass fibre.

The fabric range used is made from 100% recycled materials saving virgin raw materials, reducing waste to landfill and minimising our damage to the environment. Made using sustainable manufacturing techniques, including green electricity, comprehensive energy and effluent management, borehole water and on-going waste saving initiatives.

Second Nature fabrics leave a lighter environmental footprint.

Our ethos is focused on continuing to achieve the highest environmental standards for our operations, products and innovations, engaging with, and acting responsibly towards, our local community and wider interest groups.



Custom CLOUDSORBA® panels in the gym of Bedford Modern School

CLOUDSORBA® Digitally printed acoustic rafts

DIGITAL PRINTING

The CLOUDSORBA acoustic rafts are also available with a digital image print as the required finish.

Digital printing means you can have any image printed on to your CLOUDSORBA acoustic rafts to create a unique and bespoke feature.

The facing 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 www.shutterstock.com or be supplied by the customer themselves.

Any images which are chosen for printing must be:

- Good quality (a print resolution of approximately 360dpi is recommended). The quality of the final print will depend on the quality of the original photo.
- Central with a thick margin around it. 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.



A large digitally printed CLOUDSORBA® acoustic raft in an office



CLOUDSORBA® acoustic rafts in open plan area

Innovative Design & Class A Absorption



Hexagonal CLOUDSORBA® panels in a cafeteria



CLOUDSORBA® acoustic rafts in University Library area

CLOUDSORBA® Acoustic Ceiling Hanging Panels



A combination of circular and teardrop shaped CLOUDSORBA® - Fabric ceiling clouds applied in an office space.






















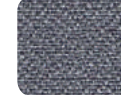











Square, circle and the larger two-part circle CLOUDSORBA® - Fabric ceiling clouds applied to a canteen/restaurant environment.

Innovative Design & Class A Absorption






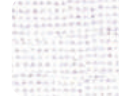




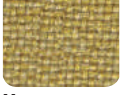


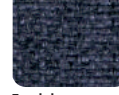
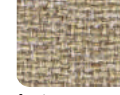
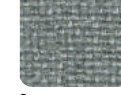
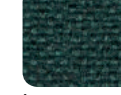
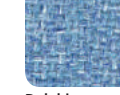
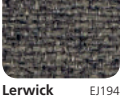
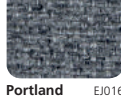


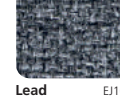


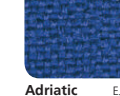

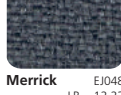
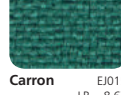

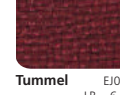
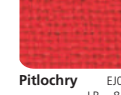
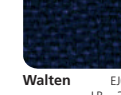
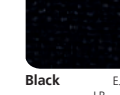
FABRIC COLOUR RANGE - LUCIA

 Madura YB156 LR = 43.08	 Adobo YB165 LR = 85.8	 Apple YB096 LR = 37.16	 Solano YB088 LR = 36.13	 Campeche YB301 LR = 27.43	 Oyster YB107 LR = 64.8	 Aruba YB093 LR = 37.39	 Belize YB105 LR = 10.49
 Windjammer YB047 LR = 9.02	 Bridgetown YB102 LR = 11.34	 Sandstorm YB302 LR = 22.78	 Calypso YB106 LR = 6.4	 Scuba YB089 LR = 6.37	 Lobster YB087 LR = 11.55	 Tortuga YB168 LR = 30.46	 Paseo YB019 LR = 11.82
 Bluebell YB097 LR = 16.91	 Martinique YB004 LR = 12.79	 Tarot YB090 LR = 3.01	 Montserrat YB011 LR = 7.94	 Marianna YB157 LR = 33.48	 Tequilla YB038 LR = 14.56	 Steel YB095 LR = 23.03	 Ocean YB100 LR = 3.56
 Sombrero YB046 LR = 4.36	 Slip YB094 LR = 27.94	 Blizzard YB108 LR = 12.23	 Havana YB009 LR = 2.26	 Costa YB026 LR = 3.38	 Buru YB170 LR = 24.37	 Rum YB086 LR = 38.32	

LR = Light Reflectance

Please ask for up-to-date fabric swatch as colour options are constantly being updated.

FABRIC COLOUR RANGE - CARA

 Lomond EJ192 LR = 34.43	 Glass EJ004 LR = 46.32	 Clan EJ169 LR = 62.3	 Vit EJ184 LR = 86.31	 Beltane EJ193 LR = 30.29	 Shetland EJ191 LR = 27.95	 Hillswick EJ190 LR = 21.1	 Denny EJ196 LR = 20.11
 Maree EJ195 LR = 32.73	 Chaucer EJ172 LR = 25.94	 Ronay EJ189 LR = 17.14	 Easdale EJ188 LR = 9.42	 Austen EJ173 LR = 39.8	 Spray EJ033 LR = 16.46	 Lora EJ187 LR = 8.35	 Dolphin EJ105 LR = 35.65
 Lerwick EJ194 LR = 12.2	 Portland EJ016 LR = 14.26	 Fair Isle EJ186 LR = 20.67	 Inverness EJ175 LR = 31.48	 Lead EJ104 LR = 18.39	 Staffa EJ185 LR = 16.18	 Galilee EJ125 LR = 18.96	 Adriatic EJ154 LR = 8.79
 Lossie EJ197 LR = 9.53	 Merrick EJ048 LR = 12.23	 Carron EJ015 LR = 8.67	 Cluanie EJ180 LR = 4.13	 Tummel EJ038 LR = 6.65	 Pitlochry EJ076 LR = 8.59	 Walten EJ011 LR = 3.46	 Black EJ138 LR = 1.65

LR = Light Reflectance

Due to printing reproduction restraints, differences may appear between colours printed above and the actual product. Sample fabric colour charts are available on request. Colour shade differences may occur between different production batches.

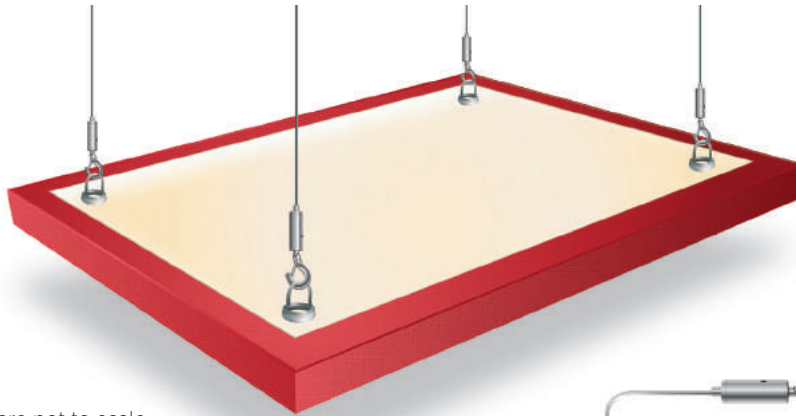
Please state the height and width dimensions of each panel when ordering. e.g. 1050mm wide x 1710mm high. The fabric has a directional weave, hence we must be notified of height and width of each panel.

INSTALLATION

The installation time is fast as the CLOUDSORBA® acoustic rafts are simply suspended by steel wires from the soffit by means of special spiral hooks which are fitted in the rear of the acoustic panels. Also, this means that non-specialist fitters can be used to carry out the installation. The depth in suspension is simply adjusted by adjusting the length of the steel suspension wire. This also allows the panels to be installed at sloping angles if required, again adding to the visual design possibilities. The spiral hooks should be placed between 200mm to 300mm from the edge of the CLOUDSORBA® panels. The CLOUDSORBA® panel system will come with the spiral springs, 2m cables and the top hat fixing which gets screwed into the soffit.



These images are not to scale and should only be used as a guide.

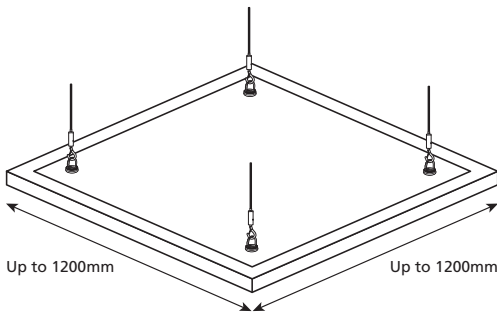


Spiral spring

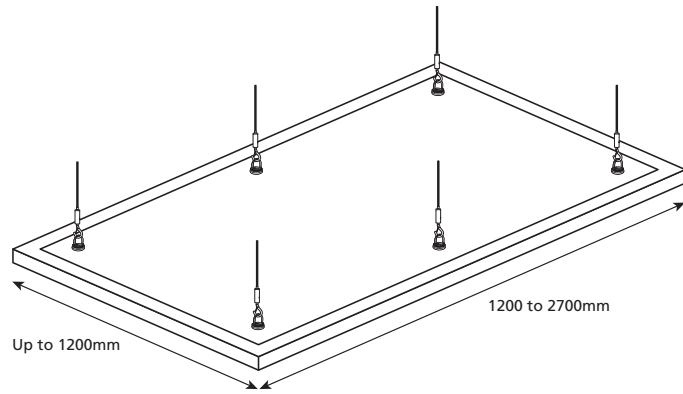


Eyelet hook

2m cable



For CLOUDSORBA® panels up to 1200 x 1200mm size, use 4 suspension cables.



For CLOUDSORBA® panels of greater size than 1200 x 1200mm size, use 6 suspension cables.

GUIDE SPECIFICATION

A. General

1. All Cloudsorba® acoustic panels should be installed in accordance with the manufacturer's recommendations.
2. All necessary hardware and accessories for the complete job installation to be furnished by the contractor.
3. Installation of the panels should not begin until all the wet work, such as plastering, concrete, etc. is completely dry. The panels are designed for storage and installation under standard occupancy conditions from 10°C to 20°C and not more than 75% R.H in an enclosed building.
4. The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the acoustical panel installation.

B. Product

1. Install Cloudsorba® using the correct number of Cloudsorba® spiral hook system.
2. The Cloudsorba® panels size to bemm long xmm wide in shape.
3. Finish: The Cloudsorba® acoustic panels to be in (YB/EJ.....) Soundsorba standard fabric colour.

C. Supplier

1. CLOUDSORBA® Acoustic Panel Systems as supplied by Soundsorba Ltd.
27-29 Desborough Street, High Wycombe, Bucks HP11 2LZ UK
TEL: +44 (0) 1494 536888 EMAIL: info@soundsorba.com
www.soundsorba.com

CLOUDSORBA® Acoustic Panel System:

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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