

QUIETSORBA™

Ecopaint Acoustic Panel System



ACOUSTIC SOLUTION FOR NOISE & REVERBERATION

QUIETSORBA™ ecopaint acoustic panels are high performance Class A sound absorbing panels suitable for wall and ceiling applications. They are pre-finished in a standard white colour with other colours also available.

Used to absorb sound in environments such as schools, offices, leisure centres, community halls, hospitals, music and TV studios, churches and restaurants.

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Quietsorba ecopaint acoustic panels have a white speckled painted finish on all faces and edges, giving a crisp visually attractive appearance. The panels can be fitted as individual stand-alone panels as a design feature or butted together to form continuous wall linings. The perimeter edges of the panels are square edged.

The Quietsorba ecopaint acoustic panels are used in areas where impact resistance is not required.

The majority of the applications of these Quietsorba ecopaint panels will be above door head height, out of touching reach. The panels can be fitted vertically or horizontally.

The suspended ceiling panels are demountable, allowing easy access to services.

These panels can be wall mounted or suspended from ceilings.

NOMINAL DIMENSIONS

Standard sizes: 2400 x 1200 x 40mm thick
 1200 x 1200 x 40mm thick
 600 x 1200 x 40mm thick

Circle panels: 1200 diameter x 40mm thick
 800 diameter x 40mm thick
 (Manufacturing dimensional size tolerance of +/- 3.0mm)



ACOUSTIC PERFORMANCE: These are Class A sound absorbers

Frequency (Hz)	125	250	500	1000	2000	4000
Quietsorba ecopaint direct fixed	0.25	0.70	0.95	1.00	1.00	1.00
Quietsorba ecopaint with 100mm air gap	0.55	0.90	1.00	1.00	1.00	1.00

FIRE: The panels are Class 0 fire rated.

WEIGHT: Nominal 4 kg/m²

PAINT DECORATION:

Quietsorba ecopaint acoustic panels come standard in white RAL 9016, but can be emulsion spray painted on site to any colour with little significant effect on acoustical performance. The panels can be painted for aesthetic reasons or even in the future to cover dirty marks. It is important that the paint is a water based matt emulsion and is applied in a very light mist spray coat so that the acoustics are not affected.



Light Ivory RAL 1015



Pastel Blue RAL 5024



Pale Green RAL 6021



Traffic Grey RAL 7042

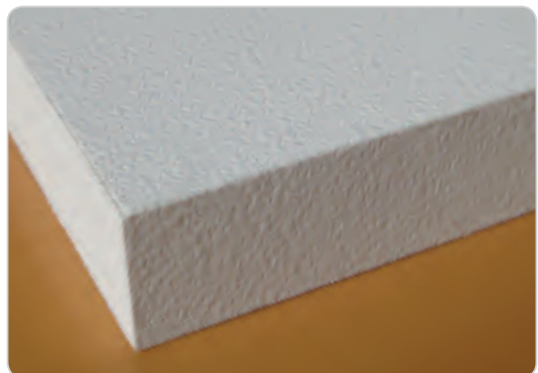


Pale Brown RAL 8025

Other RAL colours are available depending on quantity.



The above colours are to be used as a guide (within printing constraints).



Every endeavour has been made to ensure that the information given herein is true and reliable but is only given for guidance. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability by their own tests. All panels are manufactured to our standard dimensional tolerances of +/- 3.0 mm.

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Wall Installation Method

Clean white gloves must be used when handling these panels to avoid marking them.

The acoustic panels are installed using impaling clips and Gluesorba contact spray adhesive. This method allows the panels to be fixed direct to concrete, brickwork, wood, plaster, or metal. A site installation guide is sent with each delivery.

The wall to which the Quietsorba acoustic panels are to be fixed must have a continuous solid backing wall surface, which must be level and flat.

The Soundsorba Impaling clips have 4mm diameter holes to take pan head screws. Using appropriate screws and plugs, etc. depending on your wall substrate, fix the correct number of impaling clips needed for the size of the panel. The larger the panel, the greater the number of impaling clips. A guide is given below to determine the correct minimum number of impaling clips to use. Keep impaling clips about 300mm in from the perimeter edges of the panel.

Lightly mark the panel location on the desired wall area. Fix the appropriate number of impaling clips using the appropriate screw fixings. Caution: do not place hands, fingers or other parts of your body in front of impaling clips.

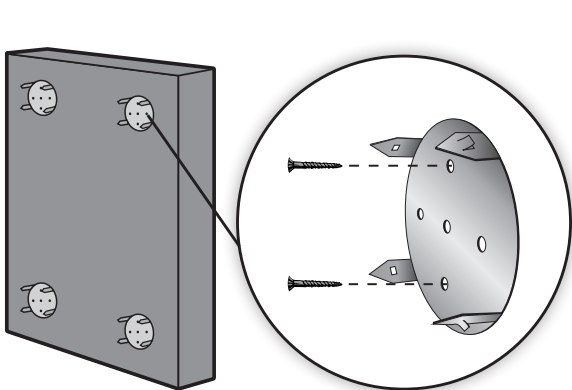
The wall must be clean, dry and free from loose paint or plaster, dust, oils, grease, etc. Wallpaper should be removed, gloss paint roughened and emulsion paint brushed with a stiff brush to ensure it is firm. On absorbent surfaces an initial priming coat of Gluesorba spray adhesive may be necessary.

Screw fix the appropriate number of impaling clips to the wall. Spray the Gluesorba contact adhesive on the back of the panel and also on the designated wall area (including the fixing impaling clips). Apply the adhesive vertically on the panel and horizontally on the wall area. Make sure that 100% of areas are covered with adhesive. Allow adhesive to dry for approximately 2 to 4 minutes at 23°C.

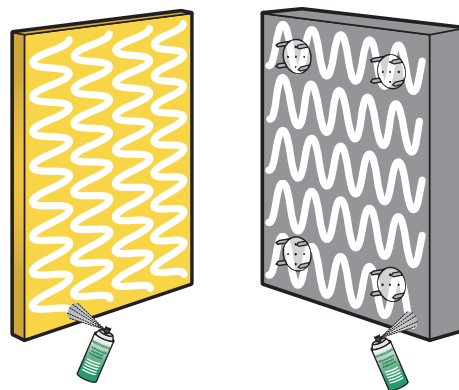
Then carefully push the panel onto the marked wall enabling the impaling clips to bite into the rear of the panel and press firmly all over the panel to ensure that glue contact has been made over all of the panel.

Install one panel and ensure that it is securely fixed before continuing with the installation.

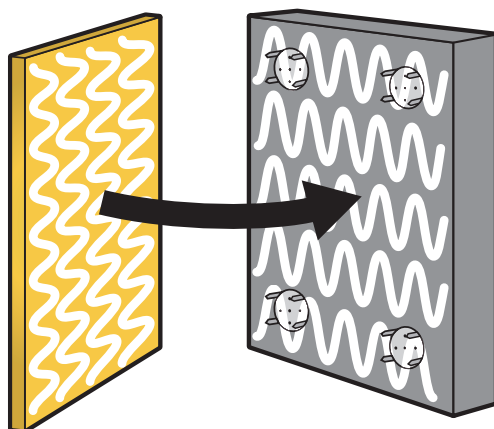
Panels should be installed in areas where they will not be touched by hands.



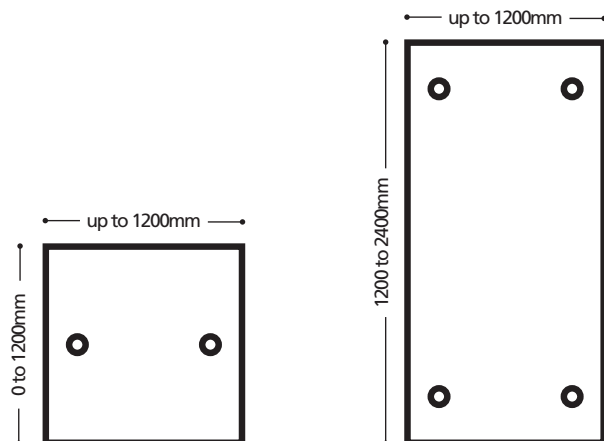
Fix 'impaling clips' to the wall.



Spray wall and surface of Quietsorba panel with Gluesorba contact spray adhesive, ensuring that 100% of both surfaces are covered.



Push Quietsorba panel on to wall and 'impaling clips' and press firmly.



Minimum number of impaling clips per panel.

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Ceiling Installation Method

Clean white gloves must be used when handling these panels to avoid marking them.

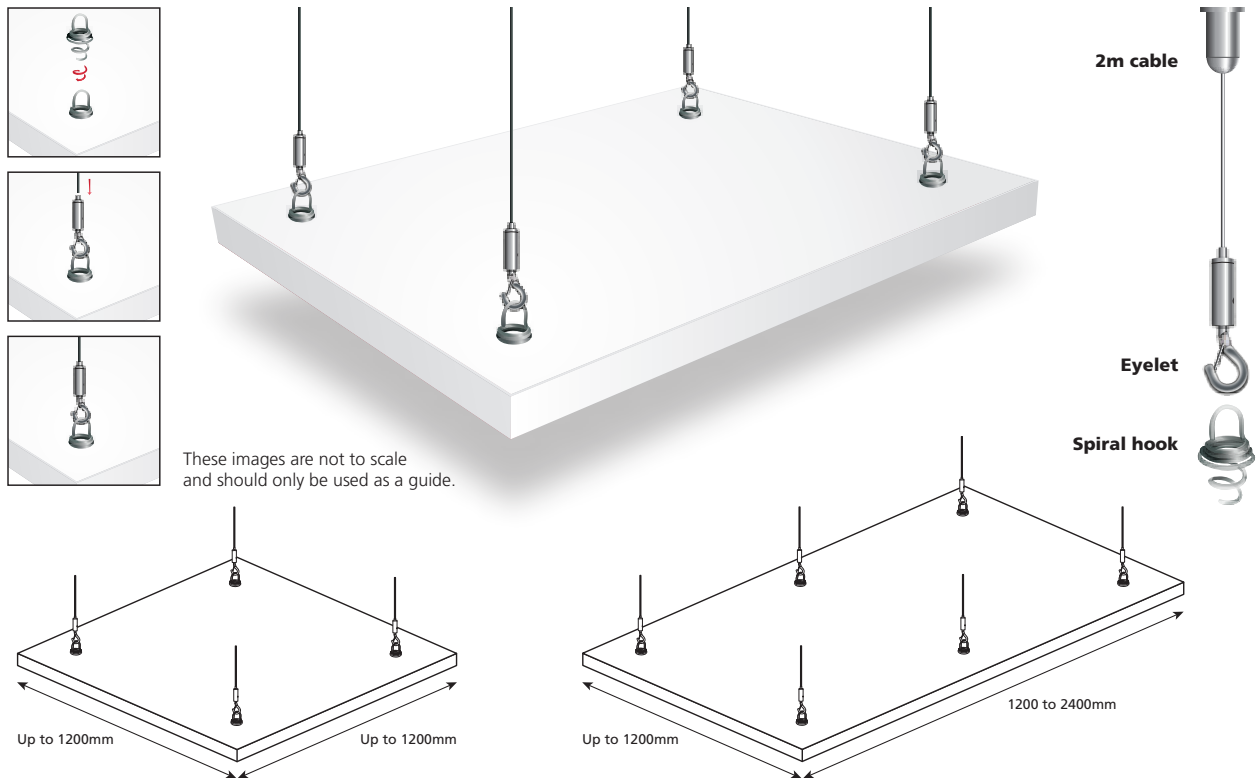
The installation time is fast as the Quietsorba ecopaint acoustic panels are simply suspended by steel wires from the soffit by means of special spiral hooks which are fitted in the rear of the acoustic panels. Also, this means that non-specialist fitters can be used to carry out the installation.

The depth in suspension is simply changed by adjusting the length of the steel suspension wire. This also allows the panels to be installed at slightly 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 Quietsorba panels.

The suspension kit consists of a spiral hook and adjustable 2m cable.

Install the first panel and make sure it is securely fixed before continuing with the installation.

The contractor is to supply the appropriate soffit fixings to suit the project requirements.



GUIDE SPECIFICATION

A. General

1. All QUIETSORBA ecopaint acoustic panels should be installed in accordance with manufacturer's instructions.
2. All necessary hardware and accessories for a complete job installation are to be furnished by the contractor.
3. Installation of the panels should not begin until all 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, and project suitability prior to the acoustic panel installation.
5. Install a trial panel and ensure that this is satisfactory before proceeding with the full installation.

B. Product

1. Panel Size: 2400mm x 1200mm / 1200mm x 1200mm / 1200mm x 600mm or 1200mm / 800mm diameter circle.
2. Colour: Standard White /
* Delete as applicable

C. Supplier

1. QUIETSORBA acoustic panels systems as supplied by Soundsorba Ltd.
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QUIETSORBA Ecopaint Acoustic Panel System is distributed by:

Prices and Conditions of Sale

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