PRO))SOUND™

Simple Acoustic Panels

Installation Guide & Product Overview

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Overview

Sound absorption can be used in any space where reverberation and echo is creating a problem with speech clarity and general noise volume. Typically associated with larger, more cavernous spaces such as: offices, meeting rooms, hotels, restaurants, village halls, restaurants, schools, lecture theatres, music studios and rehearsal spaces.

ProSound Simple Acoustic Panels offer a high performing solution and are ideal for improving room acoustics by reducing reverberation and reflected sound within any type of space. With versatile application options, they can be suspended from the ceiling as a raft, or fixed directly to a wall.

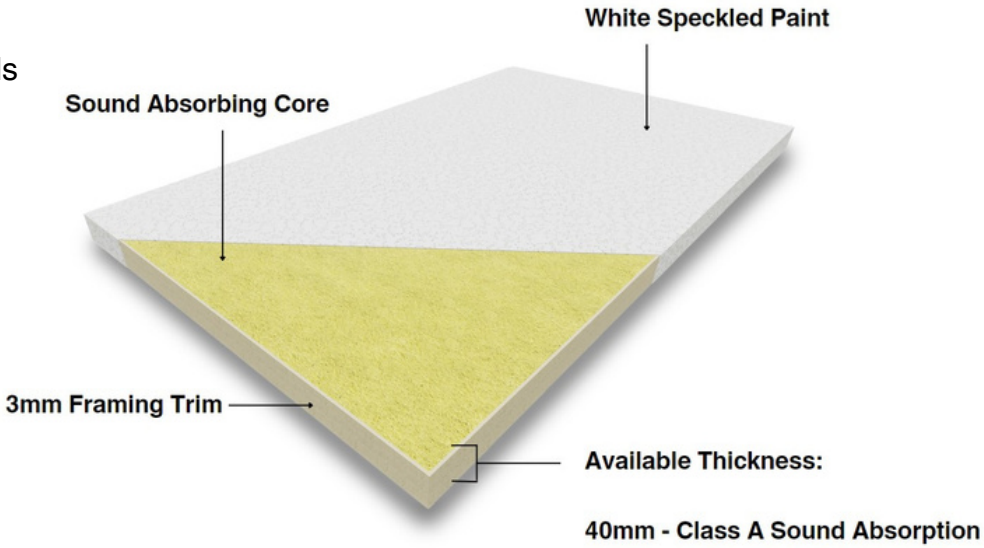
Simple Acoustic Panels are finished in a white speckled paint look and are pre-manufactured for incredibly fast lead times.

Why Use ProSound Simple Acoustic Panels

- **Outstanding sound absorption performance** - dramatically improve the room acoustics within any given space
- **Versatile applications** - can be installed on walls or suspended from ceilings to fit with the design and aesthetics of the room
- **Straightforward DIY installation** - saving you time and money, without the need of extra labour costs
- **Fixings supplied as standard** - all Simple Acoustic Panels are delivered with the required amount of fixings for their size
- **Fast delivery lead times** - pre-manufactured in the UK (lead times 1 - 2 days)

Features

- Premanufactured in white speckled spray paint finish
- Sound absorbing core - designed to absorb sound energy and dramatically improve room acoustics
- High content of recycled materials
- Used to meet BB93 Regulations

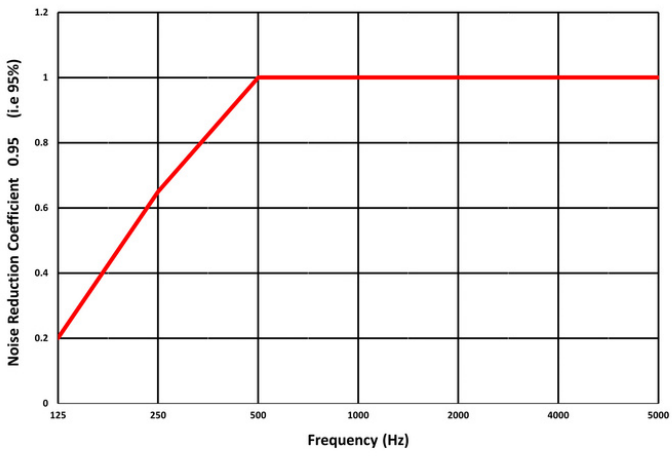


Performance

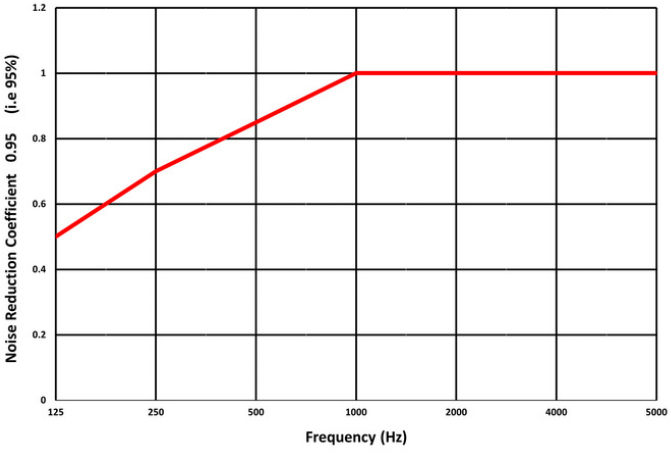
Acoustic Performance: BS EN ISO 354: 2003

Performance based on panel fixed directly to a wall or suspended from a ceiling

Wall Performance: 40mm (Class A - NRC 0.95)



Ceiling Performance: 40mm (Class A - NRC 0.95)

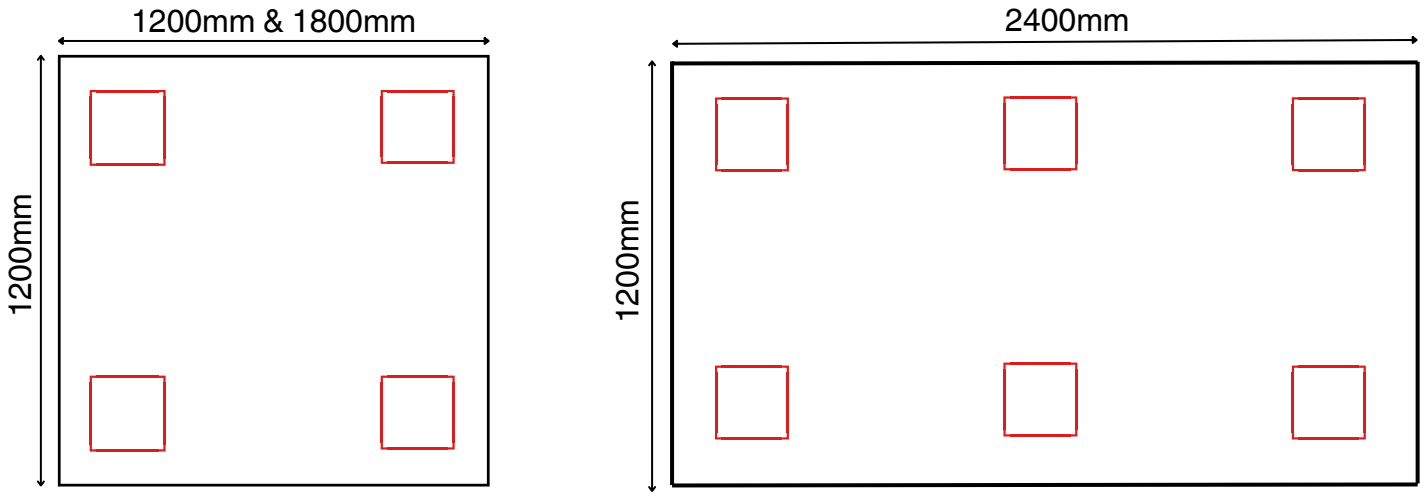


Installation Instructions: Wall Panel Application

Tools / Accessories Required:

- Impaling Clips (fully supplied)
- Contact Adhesive Spray (average coverage 5m^2 per can)
- Suitable Fixings / screws for fixing the impaling clips to the wall or ceiling
- Battery Combi Drill
- Screwdriver

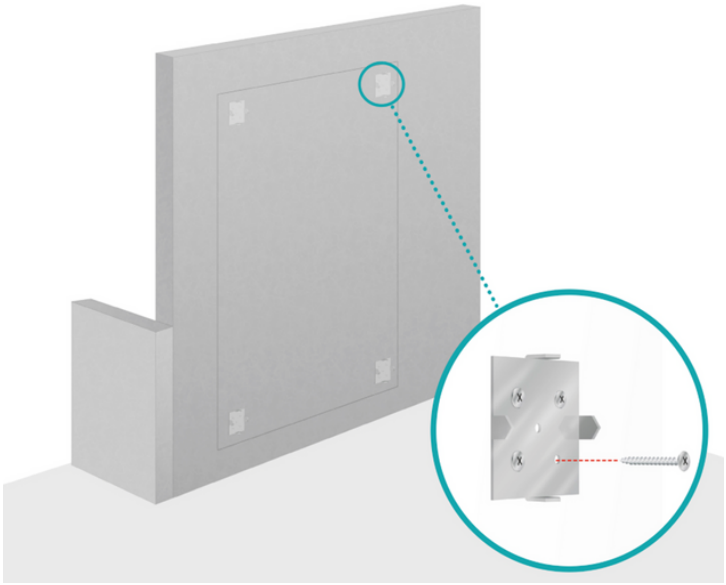
The panels are simply fixed to the wall using Impaling Clips and Contact Spray Adhesive. This allows for easy installation whether you are installing on concrete, masonry, wood or metal. The Impaling Clips are supplied as standard with the correct number for the size of panel ordered. (As per the below diagram):



Installation Video

To view an installation video of Acoustic Wall Panels, please click on the icon below:

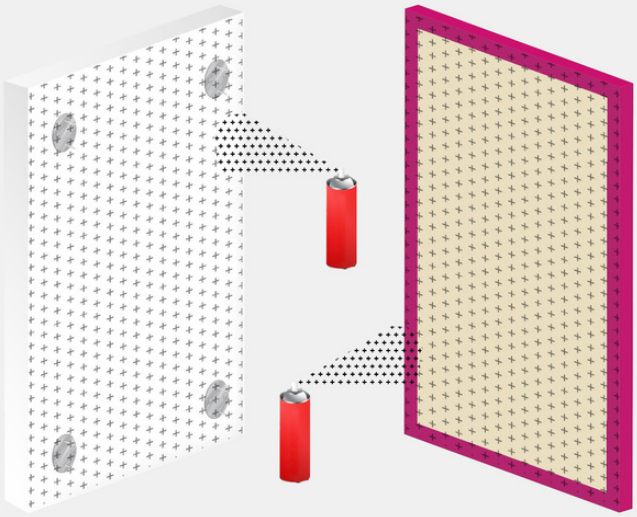
1. Ensure all wall surfaces to which the panels are being applied to are clean and dry.
Wallpaper should be removed, gloss painted walls roughened and emulsion paint
brushed with a stiff brush.

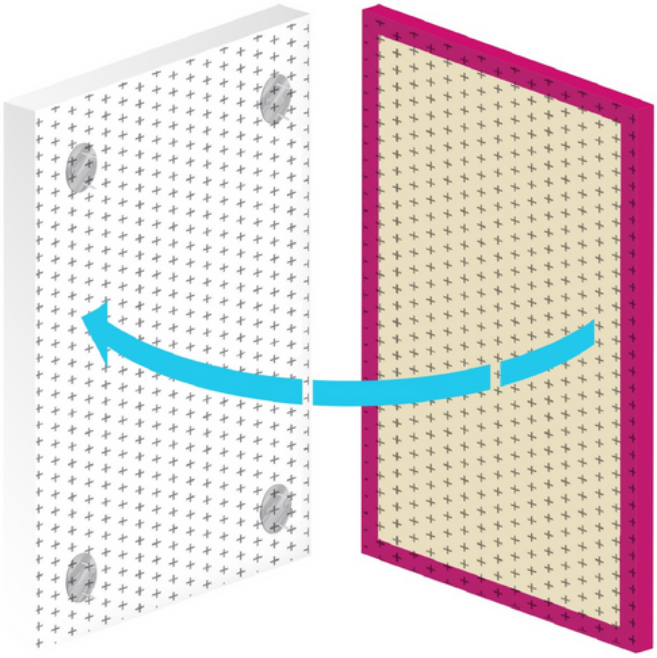


2. Lightly trace the panel edge onto the desired installation area.
Fix the appropriate number of impaling clips to the surface using suitable fixings for the wall material.

3. Spray Contact Adhesive Spray vertically onto the reverse surface of the panels and horizontally onto the desired installation area. Be sure to spray over the clips too.

* Contact Adhesive should be applied to 100% of both surfaces.





4. Wait 2-5 minutes for adhesive to dry slightly.

Carefully align the panel to the marked area and push gently against the impaling clips allowing them to bite into the panel.

Once you are confident the panel is positioned correctly press firmly over the entire surface pushing the panel against the wall area. Ensure maximum contact has been made between the panel and the wall.

Specification

- **Performance:** 40mm thick = Class "A" Absorption
- **Weight:** 40mm Simple Acoustic Panels weigh approx. 5kg/m^2
- **Cleaning:** Light dirt marks can be removed by using proprietary spot cleaner. A small area should be tested first before doing the full panel to ensure that the fabric will not discolour from the clean.
- **Fire:** Simple Acoustic Panels have been tested to EN13501-1: A2 – s1, d0
- **Size:** Available in the following sizes
  1200mm x 1200mm (sold in multiples of 4)
  1200mm x 1800mm (sold in multiples of 4)
  1200mm x 2400mm (sold in multiples of 2)

  Dimensional tolerance of panels +/- 2mm

Installation Instructions For Ceilings: As A Raft

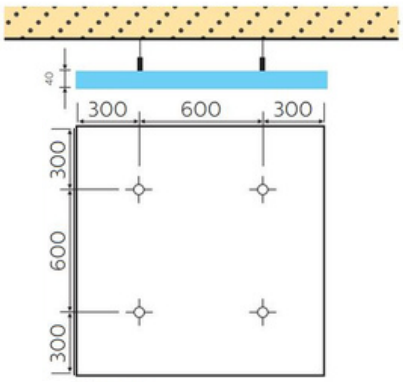
Tools / Accessories Required:

- Suitable fixings / screws for fixing the suspension cable bullet into the ceiling
- Battery Combi Drill
- Screwdriver

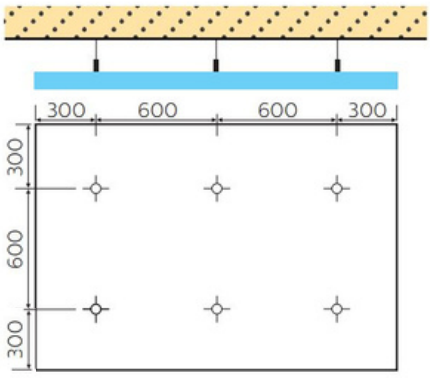
Suspension Kits Supplied As Standard:

2m adjustable fixing kit with spiral anchors fully supplied with each raft. The correct number are supplied for the size of the raft ordered. See the below diagram for fixing location details.

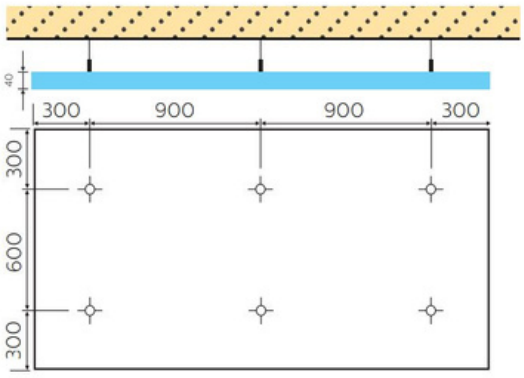
Fixing Locations For Spiral Anchors On Ceiling Rafts



Square
1200 x 1200 x 40mm



Medium Rectangle
1200 x 1800 x 40mm

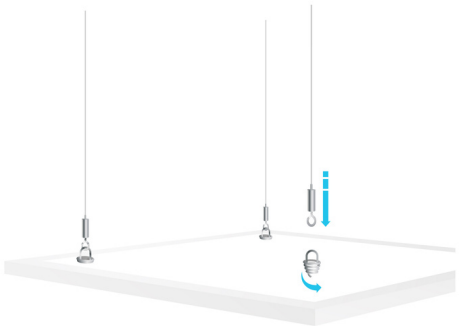


Large Rectangle
1200 x 2400 x 40mm

1. Insert spiral hook as per the spacing diagram. Insert the hooks like a cork screw, making sure the spiral does not pop out through the face or side of the raft.

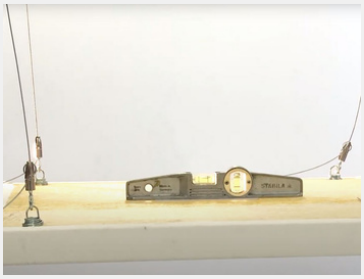
2. Fix the suspension cable bullet to the ceiling using appropriate fixings (not supplied).

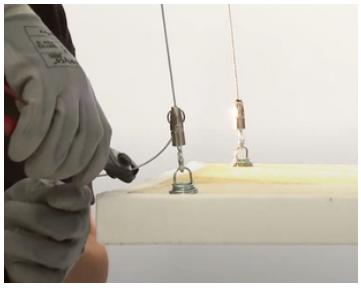
3. Screw in the suspension wire to the bullet letting the cable hang down.



4. Connect the eyelet of the suspension wire to the spiral spring.

5. Adjust the cable length using a spirit level by pulling the excess cable through the eyelet.





6. Once you are happy with the height, cut the excess wire with cable cutters.

Installation Video

To view an installation video of Acoustic Ceiling Rafts, please click on the icon below:

ProSound Simple Acoustic Panels
Images

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Exclusively available through The Soundproofing Store

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