

**PRO)))SOUND™**

## Acoustic Wall Panels

Installation Guide & Product Overview

## 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.

The High performing ProSound Acoustic Wall Panels are ideal for improving room acoustics by reducing reverberation and reflected sound within any type of space.

All ProSound Acoustic Wall Panels are made to order in custom sizes and colours to fit with the design and aesthetics of your room.



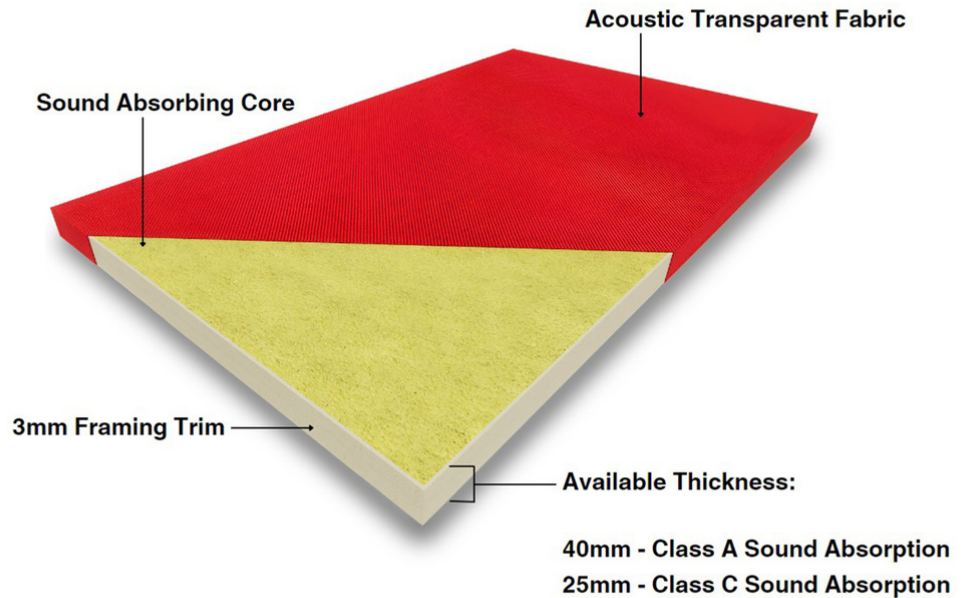
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## Why Use ProSound Acoustic Wall Panels

- **Outstanding sound absorption performance** - dramatically improve the room acoustics within any given space
- **Fully customisable** - enhance the visual appeal of any space with a design and colour of your preference - Over 100 different colours available
- **Photo print options** - high resolution images of your choice can also be printed on the panels
- **Straightforward DIY installation** - saving you time and money, without the need of extra labour costs
- **Fixings supplied as standard** - all acoustic wall panels are delivered ready to install with the required amount of impaling clips for their size
- **Fast delivery lead times** - manufactured in the UK (lead times 4 - 7 days)

## Features

- Fabric wrapped on all 4 edges with no additional trims required
- Sound absorbing core - designed to absorb sound energy and dramatically improve room acoustics
- High content of recycled materials
- Used to meet BB93 Regulations

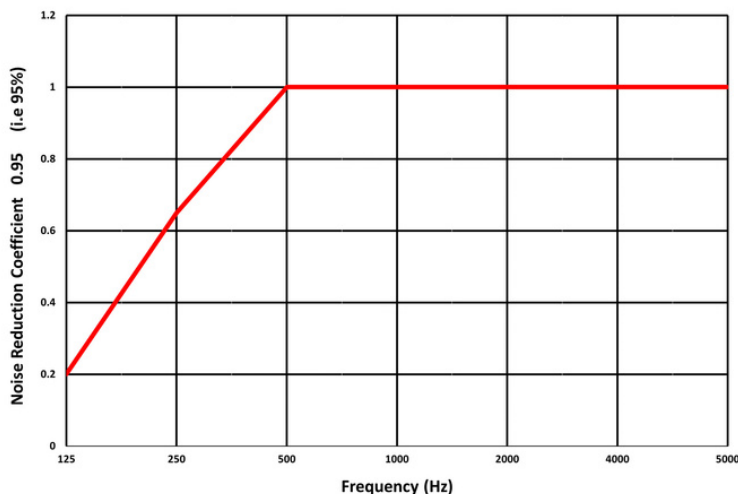


## Performance

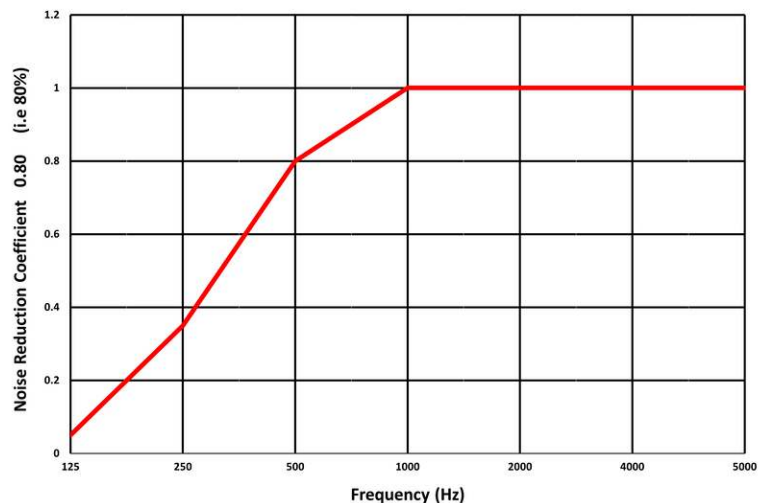
**Acoustic Performance:** BS EN ISO 354: 2003

Performance based on panel fixed directly to the wall

**40mm (Class A - NRC 0.95)**



**25mm (Class C - NRC 0.80)**

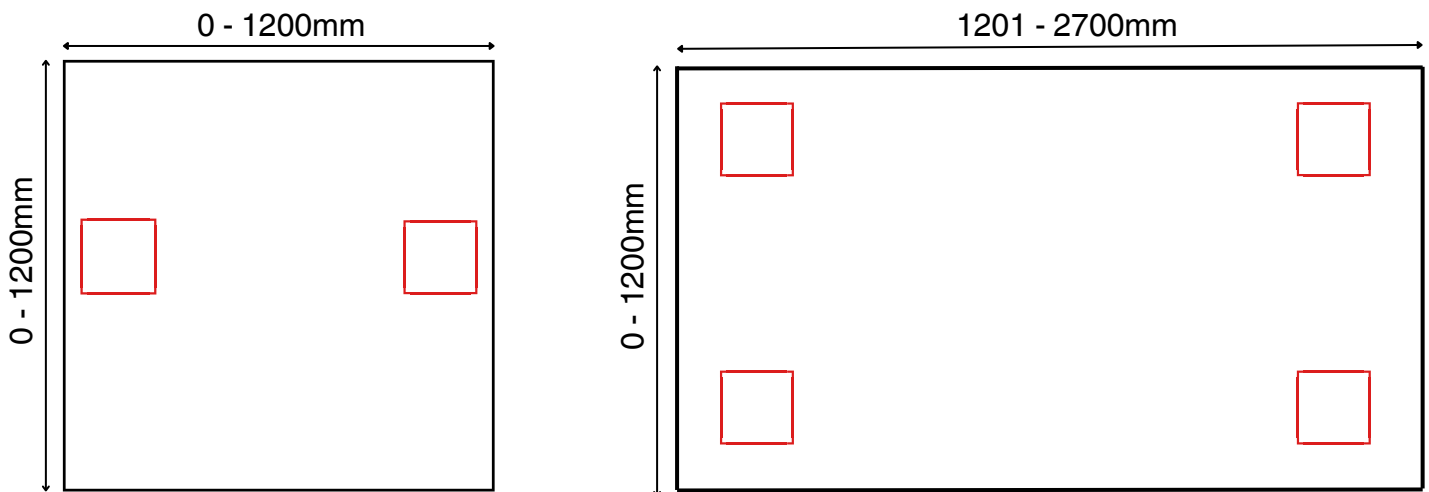


## Installation Instructions

### Tools / Accessories Required:

- Impaling Clips (fully supplied)
- Contact Adhesive Spray (average coverage 5m<sup>2</sup> per can)
- Suitable Fixings / screws for fixing the impaling clips to the wall
- 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):



The 3 metre panels will be supplied with 6 impaling clips

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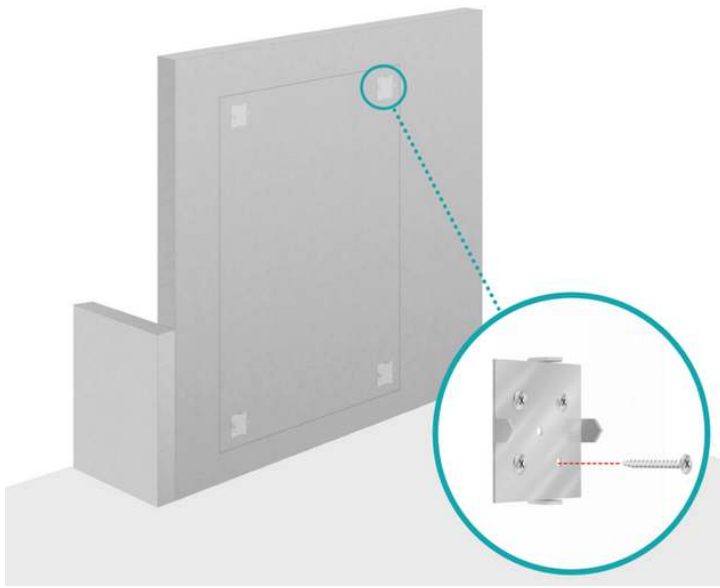
## Installation Video

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



# ProSound Acoustic Wall Panels Installation

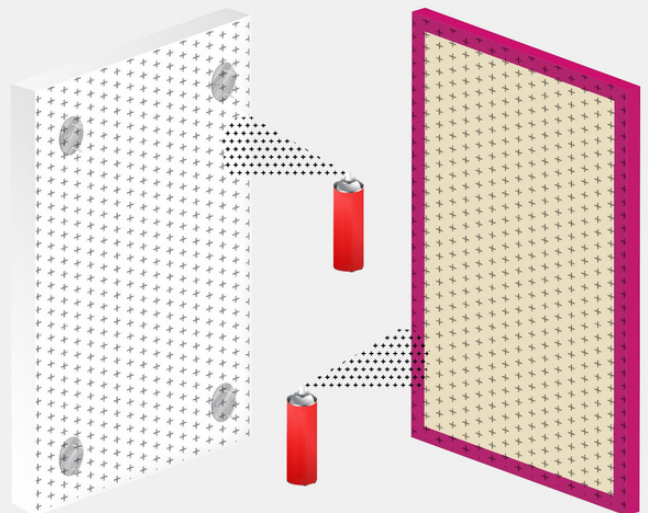
1. Ensure all wall surfaces to which the panels are being applied to are clean and dry. Wallpaper should be removed, gloss painted walls roughened and emulsion paint brushed with a stiff brush.

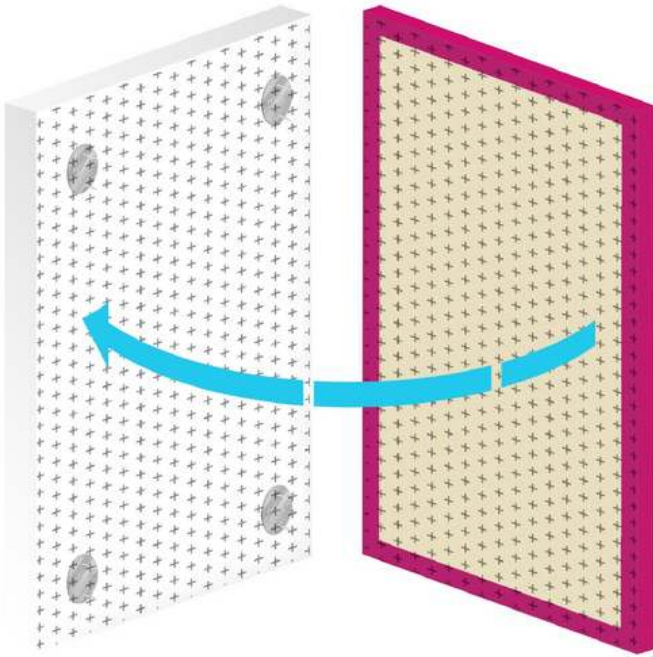


2. Lightly trace the panel edge onto the desired installation area. Fix the appropriate number of impaling clips to the surface using suitable fixings for the wall material.

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

- **Size:** All ProSound Acoustic Wall Panels are made to order with a maximum width of 1.2m and length of 3 meters.
- **Performance:** 40mm thick = Class "A" Absorption or 25mm thick = Class "C" Absorption
- **Weight:** 40mm Acoustic Wall Panels weigh approx. 4.5kg/m<sup>2</sup>  
25mm Acoustic Wall Panels weigh approx. 3.5kg/m<sup>2</sup>
- **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 cleaner
- **Fire:** All standard panel fabrics are 'Class 1' for the Surface Spread of Flame in accordance with BS 476-7 or to EN13501-1 - B,s2, d0  
ProSound™ Panel Core Board is tested to EN13501-1 - A2 -s1, d0  
Class O / EN13501-1 - B,s1, d0 covering fabrics are also available upon request

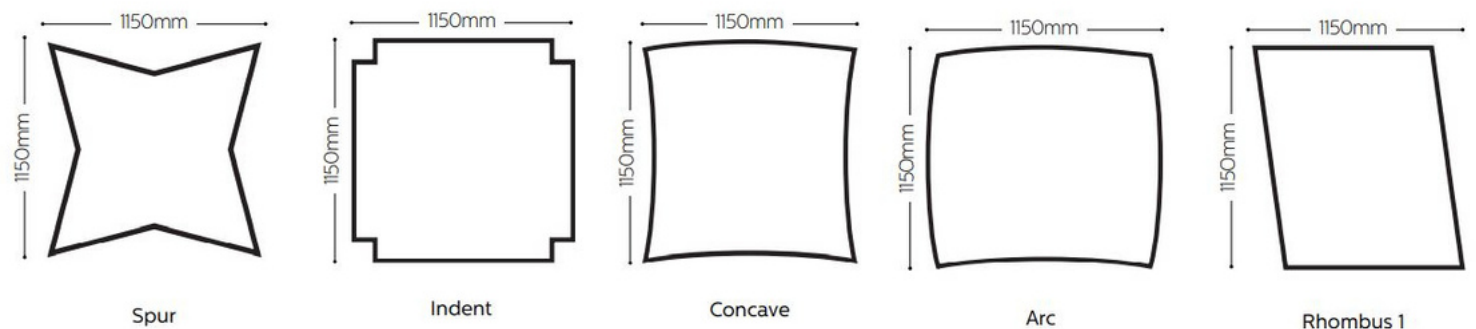
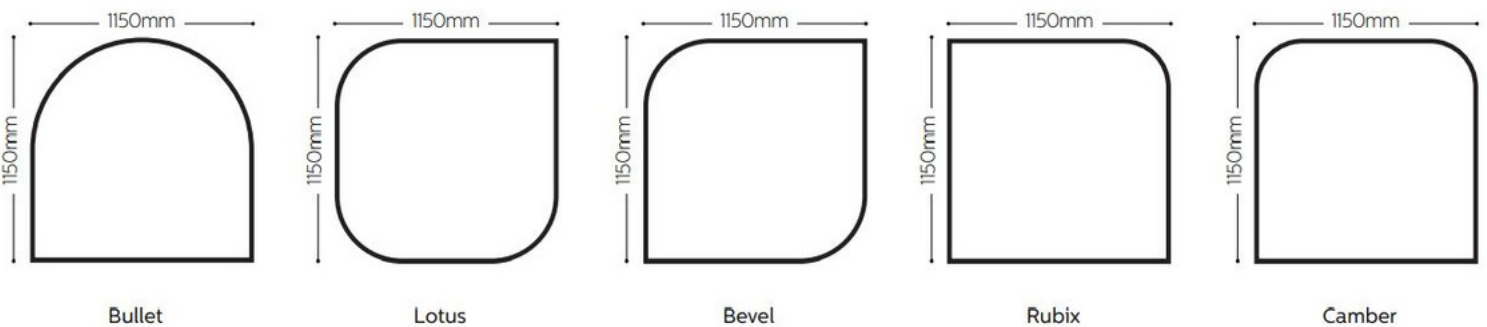
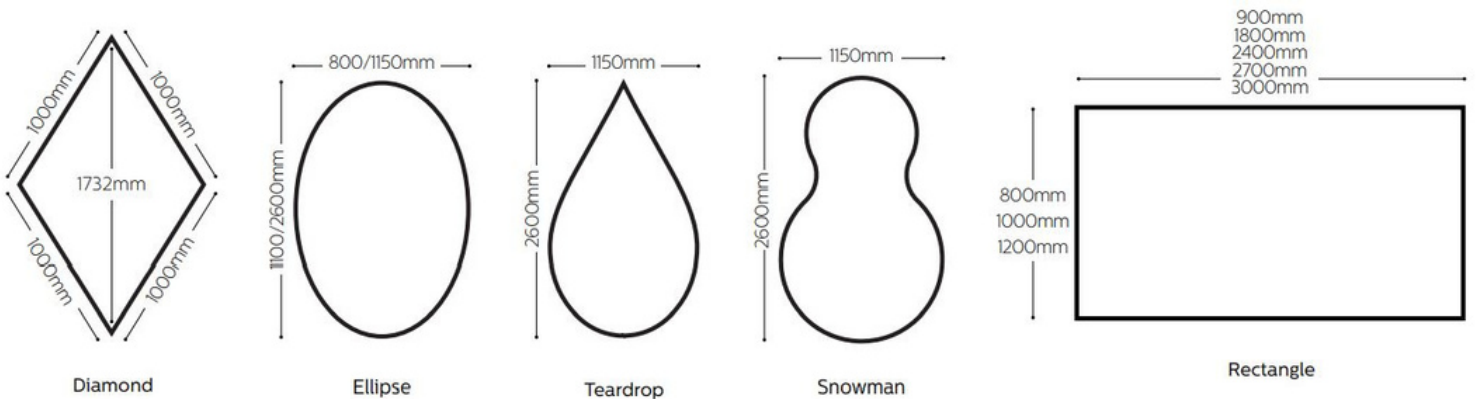
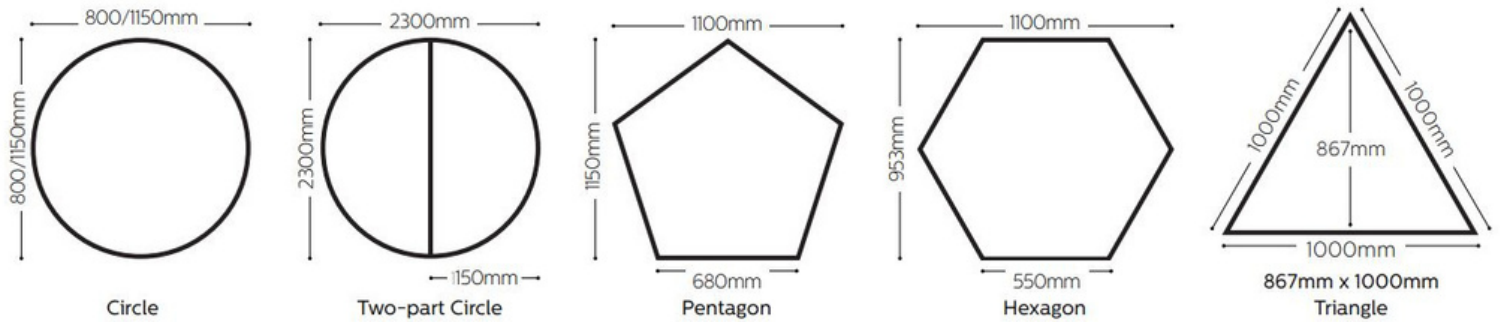


ProSound Acoustic Wall Panels  
Images



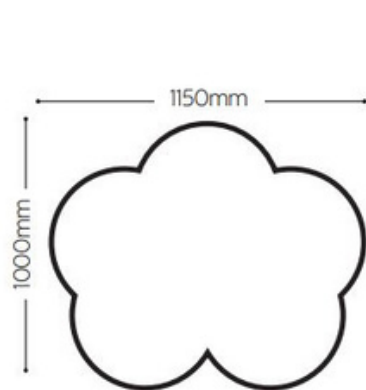
## Acoustic Wall Panel Shapes

ProSound Acoustic Wall Panels are available in various shapes and sizes that range from simple circles to modern geometric shapes. They can be installed individually or in innovative groups to create your own unique design.

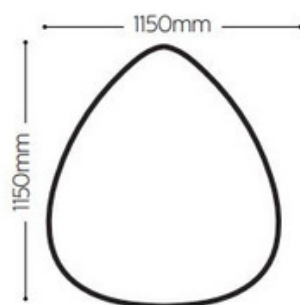




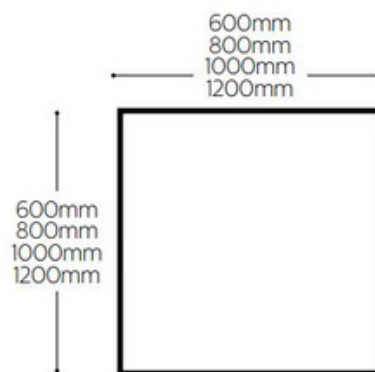
# ProSound Acoustic Wall Panels Shapes



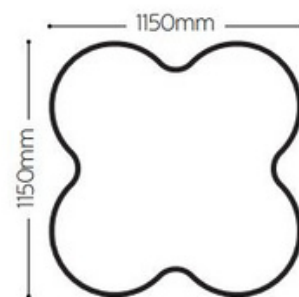
Cloud



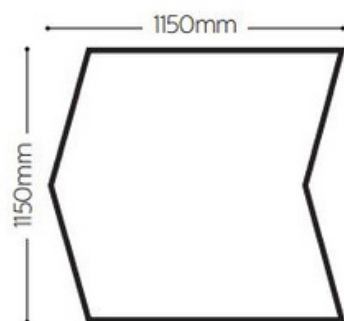
Leaf



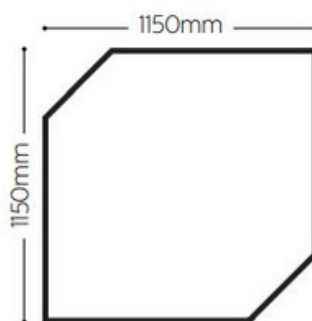
Square



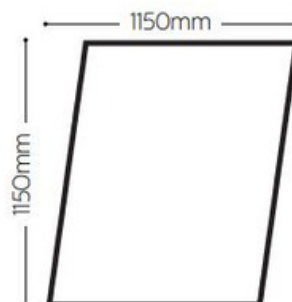
Shamrock



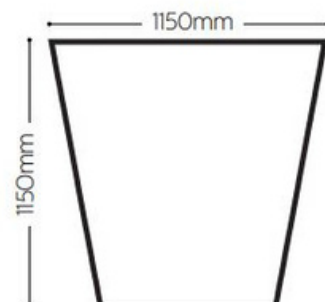
Chevron



Chamfer



Rhombus 2



Trapezium

## Grouping Ideas

### Square grouped formats



### Multi grouped formats



### Linear grouped formats



## LUCIA COLOUR RANGE



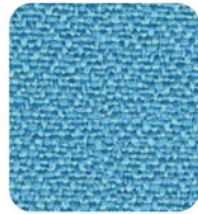
Adobo YB165



Martinique YB004



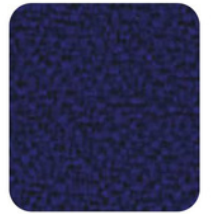
Bluebell YB097



Marianna YB157



Steel YB095



Ocean YB100



Campeche YB301



Madura YB156



Apple YB096



Windjammer YB047



Montserrat YB011



Paseo YB019



Rum YB086



Aruba YB093



Slip YB094



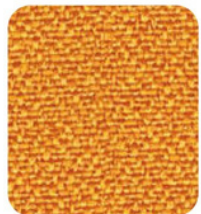
Oyster YB107



Blizzard YB108



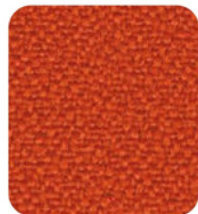
Buru YB170



Solano YB088



Calypso YB106



Lobster YB087



Tortuga YB168



Belize YB105



Bridgetown YB102



Sombrero YB046



Tarot YB090



Havana YB009



Sandstorm YB302



Tequila YB038



Scuba YB089



Costa YB026

**Lucia:** is an ever-popular crêpe weave synthetic panel fabric. It's manufactured from 100% recycled polyester, saving virgin raw materials and for a reduced environmental footprint.

It has bold and bright colour palette to suit many designs.



## CARA COLOUR RANGE



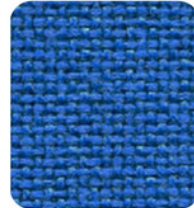
Vit EJ184



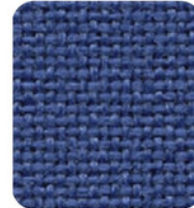
Glass EJ004



Dolphin EJ105



Galilee EJ125



Adriatic EJ154



Inverness EJ175



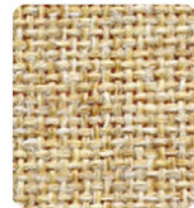
Lead EJ104



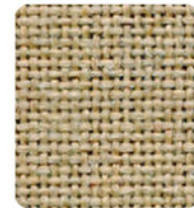
Spray EJ033



Lomond EJ192



Austen EJ173



Beltane EJ193



Shetland EJ191



Lossie EJ197



Tummel EJ038



Pitlochry EJ076



Maree EJ195



Fairisle EJ186



Staffa EJ185



Lora EJ187



Ronay EJ189



Easdale EJ188



Walten EJ011



Portland EJ016



Merrick EJ048



Chaucer EJ172



Hillswick EJ190



Denny EJ196



Black EJ138



Clan EJ169



Carron EJ015



Lerwick EJ194



Cluanie EJ180

**Cara:** is a plain weave panel fabric available in a wide selection of commercial colourways. A popular all-round fabric with a textured look designed to be used in a wide variety of settings.

The matt finish makes it less reflective to light and ideal for application where video is being used.



# ProSound Acoustic Wall Panels Colours

## ERA COLOUR RANGE



**Era:** is a subtle, two tone polyester fabric. The baby herringbone weave offers an understated contemporary texture with bright and sophisticated muted tones.



## SONUS COLOUR RANGE



Voice FHR02



Audio FHR06



Melody FHR07



Soul FHR13



Beat FHR03



Song FHR01



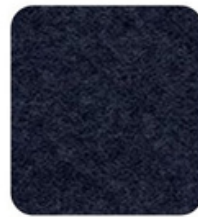
Pop FHR09



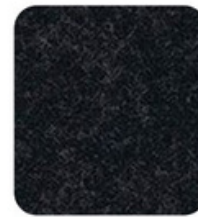
Acoustic FHR12



Chorus FHR17



Verse FHR16



Amp FHR05



Music FHU04



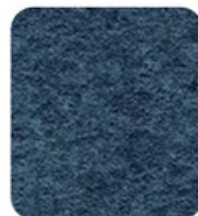
Vocal FHU08



Chime FHU10



Rap FHU11



Classical FHU14



Lyric FHU15

**Sonus:** is a pressed felt finish that is an ideal accompaniment for a modern interior. Its mottled colour pallet offers a wide range of colours.

### Important Notes:

- The above colours are representative of the actual colours which may vary in shade or texture
- We are able to provide a fabric swatch card upon request
- Our standard cost includes the panels made in any of the above materials and colours
- Panels **MUST** be checked for colour shading differences, flaws, defects or damage prior to installation. Once installation has commenced, the panels are deemed to have arrived in perfect condition – any of the above reported after installation will not be covered by your warranty
- Dimensional tolerance of panels +/- 4mm

**PRO)))SOUND™**

# Acoustic Wall Panels

Exclusively available through The Soundproofing Store

