



Acoustic Panels

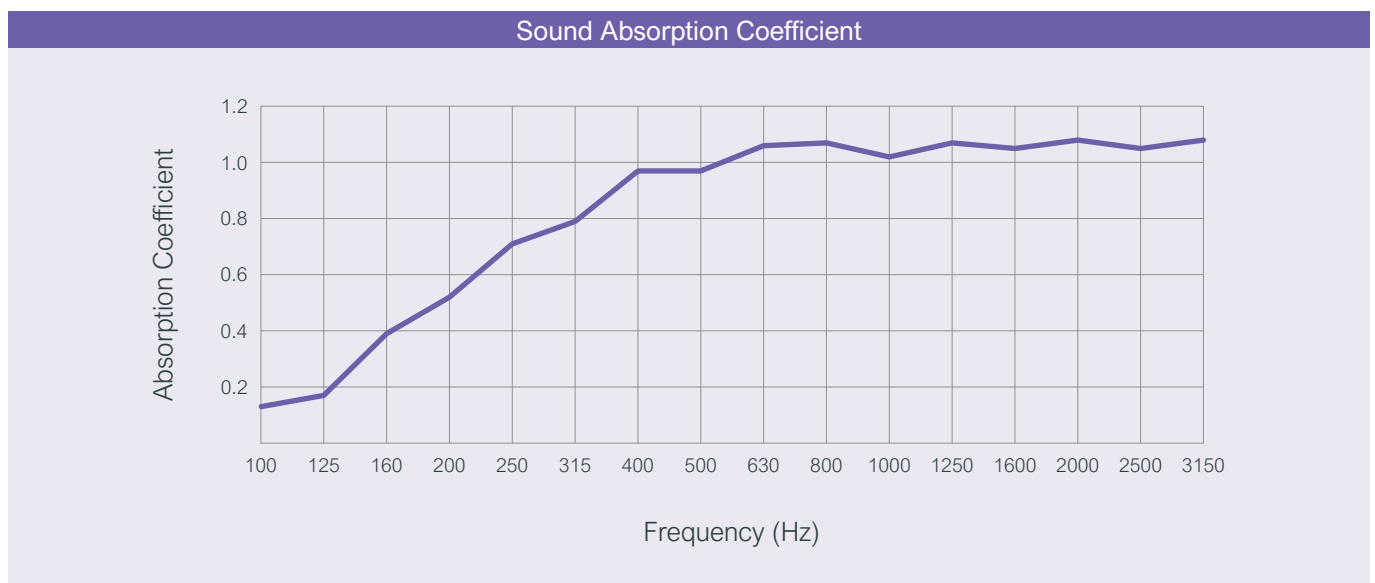
# Technical Datasheet



# Acoustic Performance

Swift™ Acoustic Panels are high-performance, self-adhesive sound-absorbing panels designed to reduce echo and reverberation in spaces with hard, reflective surfaces. Manufactured from a lightweight open-cell foam core with Class A acoustic performance, they provide quick, reliable wall or ceiling installation. Swift™ Acoustic Panels are available in a range of sizes and are cut to order, allowing panels to be produced in custom shapes and dimensions to suit project requirements.

| The Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003 |                        |
|---|------------------------|
| 40mm Direct Fixed   |                        |
| Hz  | Absorption Coefficient |
| 100   | 0.13                   |
| 125   | 0.17                   |
| 160   | 0.39                   |
| 200   | 0.52                   |
| 250   | 0.71                   |
| 315   | 0.79                   |
| 400   | 0.97                   |
| 500   | 0.97                   |
| 630   | 1.06                   |
| 800   | 1.07                   |
| 1000  | 1.02                   |
| 1250  | 1.07                   |
| 1600  | 1.06                   |
| 2000  | 1.08                   |
| 2500  | 1.06                   |
| 3150  | 1.08                   |
| <b>Class Absorption: A</b>  | <b>NRC 0.95</b>        |



# Technical Performance

Swift™ Acoustic Panels are high-performance, self-adhesive sound-absorbing panels designed to reduce echo and reverberation in spaces with hard, reflective surfaces. Manufactured from a lightweight open-cell foam core with Class A acoustic performance, they provide quick, reliable wall or ceiling installation. Swift™ Acoustic Panels are available in a range of sizes and are cut to order, allowing panels to be produced in custom shapes and dimensions to suit project requirements.

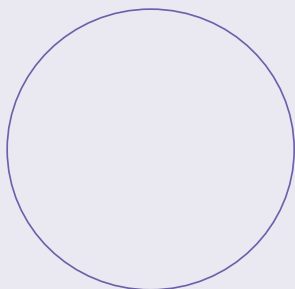
|                      |  |
|----------------------|--|
| Cleaning             | Light dirt marks may be removed by using a moist cloth. A small area should be tested before doing the rest of the area to ensure that the surface is not adversely affected.  |
| Weight               | Panels weigh in at 2 kg/m <sup>2</sup> for the 40mm thickness panels.  |
| Fire                 | Core board has been tested and offers Class O fire rating to EN 13501-1:2007 B-s1, d0, BS 476: Part 6 and 7 BS 6853 Annex D.8.4, BS 6853 Annex B2<br><br>Fabric facing complies with:<br>Sonus: EN1350-1 Class B, s1, d0<br>Cara: Class 1 to BS476: Part 7 and EN1350-1 Class B, s1, d   |
| Cutting              | Panels can be cut with a sharp stanley knife.  |
| Thickness            | 40mm   |
| Cutting Tolerance    | +/- 3 mm max   |
| Thickness Tolerances | +/- 4mm  |
| Substrate            | The substrate must be even, smooth, clean, and dry. It must also be free from elements that could damage the boards. The surface receiving the panel should be clean, free of oil, dust and grease. Always perform a test with the glue to ensure compatibility and adhesion while strictly following the bonding instructions provided by the manufacturer. |



# Shapes

Swift™ Acoustic Panels can be custom-made in any shape, size or colour (up to 2400 × 1200), offering discreet acoustic solutions or bold feature pieces that enhance the atmosphere of any workspace.

Circle



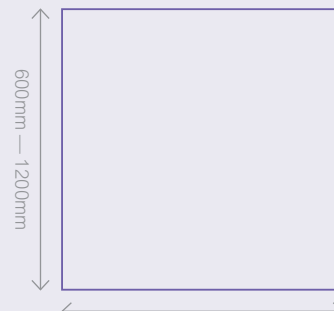
Ø 800mm — 1200mm

Rectangle



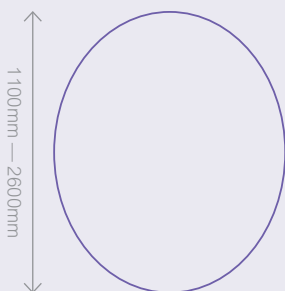
600mm — 2400mm

Square



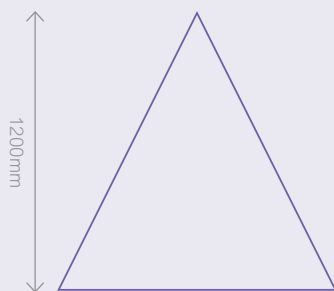
600mm — 1200mm

Ellipse



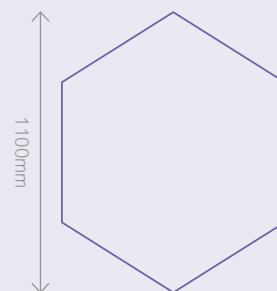
800mm — 1100mm

Triangle



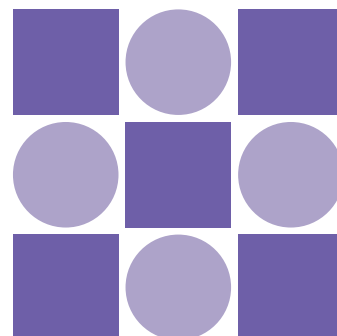
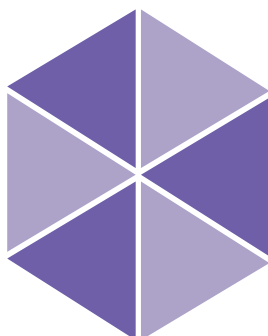
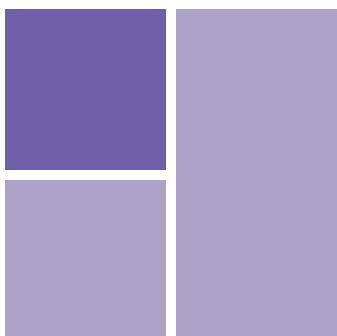
1200mm

Hexagon



953mm

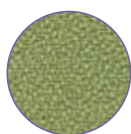
## Grouping Ideas



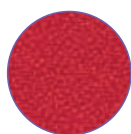
# Colours

Swift™ Acoustic Panels are available either uncovered in the acoustic foam's natural grey finish for a raw, functional aesthetic, or upholstered in a wide range of fabric colours, providing the flexibility to suit both performance-led and design-focused interior schemes.

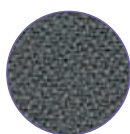
## Phoenix



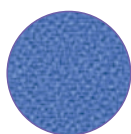
**Apple**  
YP108



**Belize**  
YP105



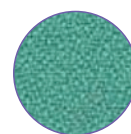
**Blizzard**  
YP081



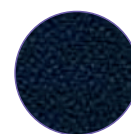
**Bluebell**  
YP097



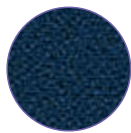
**Calypso**  
YP106



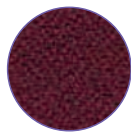
**Campeche**  
YP112



**Costa**  
YP026



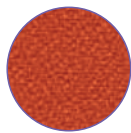
**Curacao**  
YP005



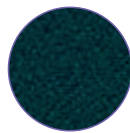
**Guyana**  
YP051



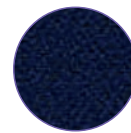
**Havana**  
YP009



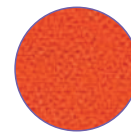
**Lobster**  
YP076



**Montserrat**  
YP011



**Ocean**  
YP100



**Olympic**  
YP113



**Paseo**  
YP019



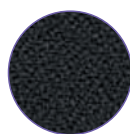
**Sandstorm**  
YP107



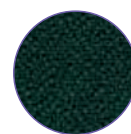
**Scuba**  
YP082



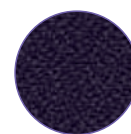
**Solano**  
YP110



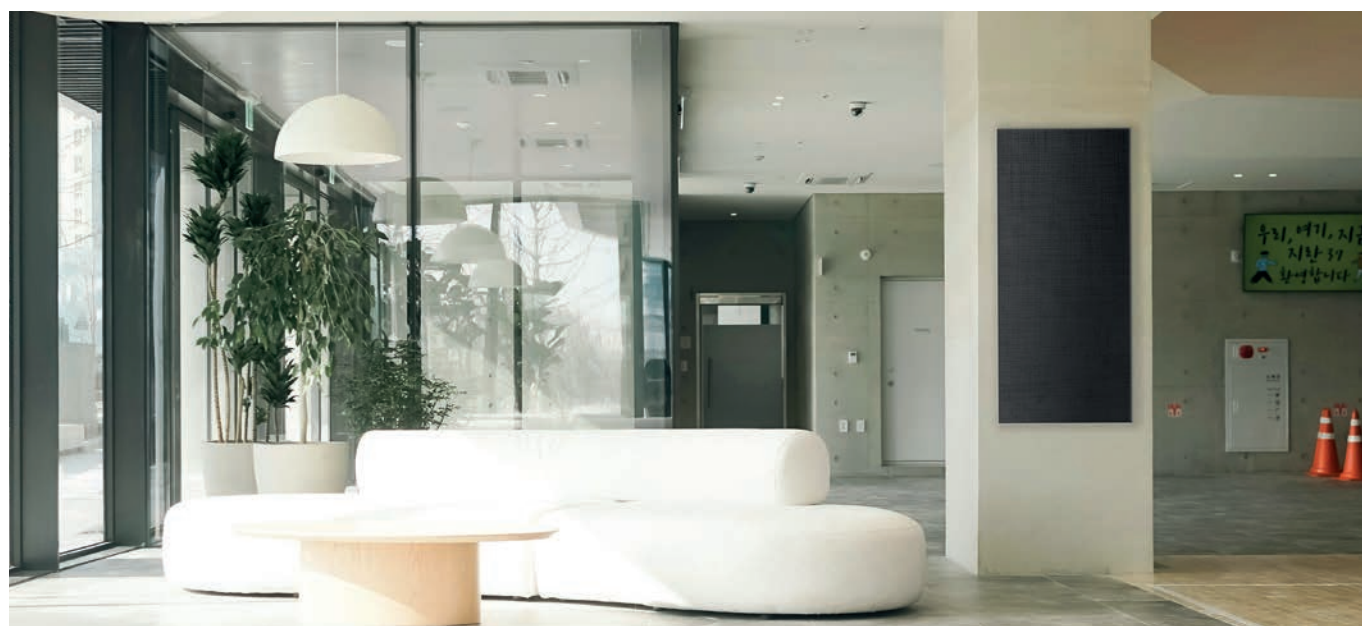
**Sombrero**  
YP046



**Taboo**  
YP045



**Tarot**  
YP084



# Cara



**Adriatic**  
EJ154



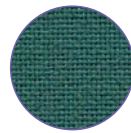
**Austen**  
EJ173



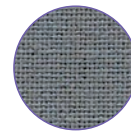
**Beltane**  
EJ193



**Black**  
EJ138



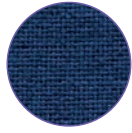
**Carron**  
EJ015



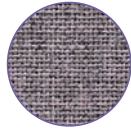
**Chaucer**  
EJ172



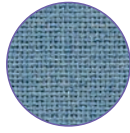
**Clan**  
EJ169



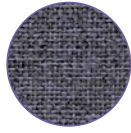
**Cluanie**  
EJ180



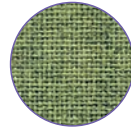
**Denny**  
EJ196



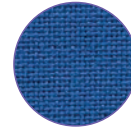
**Dolphin**  
EJ105



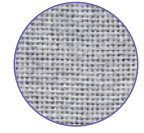
**Easdale**  
EJ188



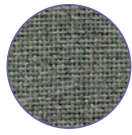
**Fair Isle**  
EJ186



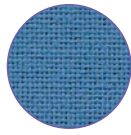
**Galilee**  
EJ125



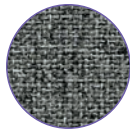
**Glass**  
EJ004



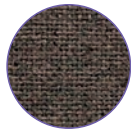
**Hillswick**  
EJ190



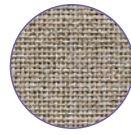
**Inverness**  
EJ175



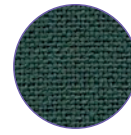
**Lead**  
EJ104



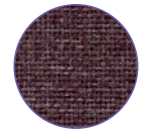
**Lerwick**  
EJ194



**Lomond**  
EJ192



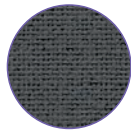
**Lora**  
EJ187



**Lossie**  
EJ197



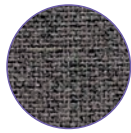
**Maree**  
EJ195



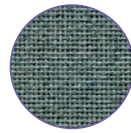
**Merrick**  
EJ048



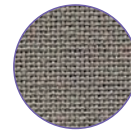
**Pitlochry**  
EJ076



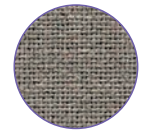
**Portland**  
EJ016



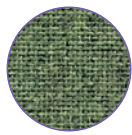
**Ronay**  
EJ189



**Shetland**  
EJ191



**Spray**  
EJ033



**Staffa**  
EJ185



**Tummel**  
EJ038



**Vit**  
EJ184



**Walten**  
EJ011

# Natural Grey



**Natural Grey**  
No fabric

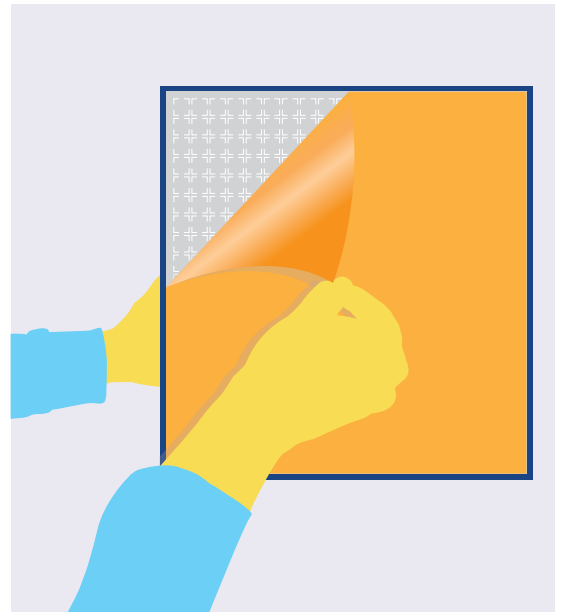
# Installation Guide

Swift™ Acoustic Panels can be applied directly to flat wall and ceiling surfaces once the backing has been removed.

The panels must be handled with clean hands or with clean gloves to avoid marks to the panels. Ensure all wall surfaces to which the panel will be applied to are clean and dry. Panels can be fixed to most surfaces including concrete, plasterboard and block work providing they are solid. Wallpaper should be removed. Emulsion paint brushed with a stiff brush.

The surface where the panels are applied to must have no cold bridging and must be damp free fully. Any signs of condensation or dampness on the surfaces of the wall and ceilings must be covered and eliminated before applying the panels. The surface must be 100% flat to make sure the panels are fixed securely. The panels have a peel off paper to the back which must be taken off and the panels must be immediately applied to the surface to make sure good adhesion is made.

Spray Adhesive must be applied to the ceiling and fully to the back of the panel for ceiling panel installation.



The panels must be positioned at the correct location and then pressed to make sure a good bond is made. Panels should not be used at low level walls due to panels being possibly damaged. The ideal location when installation is carried out is on ceilings or above door height level on walls. It is highly recommended that a test adhesion is done first before installing all panels. A minimum of 60mm gap should be left between each wall or ceiling panel. The panels should be installed in room temperature between 5°C and 22°C. It is recommended that the panels must be acclimatised at least 2 days before any install is carried out to make sure there is no movement in sizes of the panels.





---

### Key Terms & Conditions

**Liability and Product Suitability:** Songbird Acoustic accepts no liability for loss, damage, or performance issues arising from circumstances beyond its control, including site conditions, handling, storage, installation, or end use. Product suitability must be independently verified by the specifier, installer, or end user prior to installation.

**Inspection and Acceptance:** All panels must be inspected upon delivery and before installation for colour variation, defects, or damage. Installation constitutes acceptance that the panels were supplied in satisfactory condition. Any issues reported after installation has commenced will not be covered under warranty.

**Installation Responsibility:** Panels must be installed strictly in accordance with the manufacturer's published guidelines. The installer is solely responsible for ensuring correct installation; failure to comply may void the warranty.

**Colour, Weight, and Materials:** Colour samples are representative only and may vary in shade or texture; physical samples are available upon request. All stated weights are approximate.

**Adhesive and Moisture:** Where specified, adhesive must be applied to 100% of both bonding surfaces, e.g. panel and wall. Panels must be protected from excessive moisture during storage, handling, and installation.

Full terms & conditions can be found here: <https://www.novaacoustics.co.uk/terms-conditions/>

