



SoftSound® Designer Panels

Decorative wall paneling manufactured from a sound absorbing mineral fibre core board faced with a thin, high-density, impact resistant mineral fibre panel. The composite panel has reinforced edges and is completely wrapped with an acoustically transparent fabric. The Designer panels are fitted using concealed fixings on the rear and are designed to absorb high levels of reflected noise to create a more comfortable acoustic environment.

Key Features and Benefits

- Absorbs high levels of sound and significantly reduces reverberation
- Aesthetic effect - For use where overall wall coverage is not a practicality or a requirement
- Design flexibility - Can create separate stand alone feature panels or banks of panels in different colours
- High quality decorative finish
- Available in a range of bespoke sizes
- Simple installation



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Applications

- Commercial premises
- High traffic public areas
- Call centres
- Offices and conference centres
- Reception areas
- Education facilities
- Healthcare buildings
- Recording studios
- Theatres, cinemas and auditoria

Colour and Finish

Cara, Lucia and Lucia CS fabric ranges are available as standard in a wide range of colours. Alternatively, SoftSound® Designer Panels can be covered with a client's own choice of fabric, subject to it being of a suitable quality and having the required acoustic properties.

Operating Temperature

Suitable for use at normal building temperatures.

Fire Performance

Cara, Lucia and Lucia CS fabrics meet the requirements of Class 1 Surface Spread of Flame when tested to BS476: Part 7: 1997 (As Amended). The composite panels have not been fire tested.

Thermal Conductivity

0.033 W/mK @ 10°C

Availability

SoftSound® Designer Panels are available to order and should be fitted by skilled tradesmen or specialist contractors.

Dimensions and Weight

Thickness mm	* Panel Height mm	Panel Width mm
25	up to 2700	up to 1215
50	up to 2700	up to 1215

* Z-Clip fixings are orientated to suit the height of the panel. When ordering, please indicate how panels are to be orientated to ensure fixings are secured correctly.

Acoustic Performance

Thickness mm	Sound Absorption Coefficient (BS EN ISO 354)						* Absorber Class
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
25	0.10	0.45	0.88	1.00	1.00	1.00	C
50	0.40	0.95	0.90	0.95	1.00	1.00	A

* Absorber Classifications tested in accordance with BS EN ISO 11654:1997

The information contained in this data sheet is believed to be correct at the date of publication. The information is based on our general experience and is given in good faith but because of the many factors outside our knowledge and control which may affect the product no warranty is given or is to be implied with respect to such information. H&H Acoustic Technologies Ltd reserves the right to alter or amend the specification of their products without notice as their policy is one of constant improvement.

Technical Advice

Highly qualified building and acoustic consultants are available to offer assistance and advice to clients, architects and contractors on all aspects of noise control to ensure design specifications and acoustic performance requirements are achieved. They can also undertake noise surveys and provide details of anticipated reverberation times pre and post installation.

Packaging, Handling and Storage

SoftSound® panels are packed vertically on the long edge, covered in bubble wrap and delivered on non-returnable wooden pallets. They can be packed on wooden crates on request.

Panels should be stored inside and under cover in a dry, well-ventilated area protected from dirt and dust. Pallets and crates should be kept level and not double-stacked. Extreme care should be taken when handling to avoid damage.

Application and Fixing

See separate guide.

SoftSound® Designer Panels are fixed via concealed Z-Clips or VELCRO® brand hook and loop fasteners (VELCRO® is a registered trade mark of Velcro Industries B.V.) or similar on the rear of the panel. For areas where multiple panels are being used, it is recommended that a minimum 15mm shadow gap is maintained.

Care and Maintenance

SoftSound® Designer Panels can be cleaned periodically with a low powered vacuum cleaner. Under no circumstances should they be cleaned using water. Stains can be treated with an appropriate cleaning solution applied in accordance with the manufacturer's instructions.