



SoftSound™ Ceiling Clouds

Decorative ceiling absorbers 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 and is designed to absorb high levels of reflected noise to create a more comfortable acoustic environment.

Key Features and Benefits

- Absorb high levels of sound and significantly reduces reverberation
- Class A acoustic absorber (BS EN ISO 11654-1997)
- Makes a contemporary design statement
- Effective alternative to installing a full suspended ceiling
- High quality decorative finish
- Available in a range of bespoke sizes and shapes
- 50mm thickness
- 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, clients can specify their own 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 absorbers have not been fire tested.

Thermal Conductivity

0.033 W/mK @ 10°C

Dimensions and Weight

Thickness mm	Panel Length mm	Panel Width mm
50	Any size up to 2700	Any size up to 1215

Acoustic Performance

Thickness mm	Depth of Void Behind Panels	Sound Absorption Coefficient (BS EN ISO 354)						α_w	* Absorber Class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
50	300mm	0.65	0.70	0.90	1.00	1.00	1.00	0.95	A

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

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.

Application and Fixing

SoftSound™ Ceiling Clouds are fixed via pre-fixed eyelets in the rear of the panel which provide suitable points for fixing suspension cables from the soffit.

Care and Maintenance

SoftSound™ Ceiling Clouds 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.

Availability

SoftSound™ Ceiling Clouds are available to order and should be fitted by skilled tradesmen or specialist contractors

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