



Phonic Range - Acoustic Baffles

Phonic Acoustic Baffles are designed for ceiling vertical suspension in loud areas that require reduction in echo to produce more favorable room acoustics. These baffles can turn a ceiling void into a wonderful and beautiful feature with rectangular baffles. This is a very functional and cost effective alternative to suspended ceiling tiles, using Phonic Acoustic Baffles allows for air flow and flexible lighting arrangements.



Advantages

- Outstanding sound absorption performance
 - Class A
- Over 100 standard fabric colours available
- Impact resistant
- High content of recycled material
- Easy installation method
- Quick availability

Phonic Acoustic Baffles achieve Class A acoustic performance which meets BB93 standards, these baffles can be manufactured to any size required. With the options of various colours, a design feature can be implemented for aesthetic purposes.

Sound absorbing vertical baffles are used in areas such as sound absorbing ceilings that do not provide enough absorption. Phonic Acoustic Baffles are designed to suspend vertically in rows and columns spread across the expanse of the ceiling.

With the use of the vertical baffles, the area in concern will be acoustically improved as well as the visual appearance of the area.

The Phonic Acoustic Baffles are supplied with the appropriate hanging kits.

Technical Information

PHONIC ACOUSTIC BAFFLE PANEL								
Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Sound Absorption Class
40mm	0.80	0.65	0.95	0.95	0.95	0.95	0.85	A

Class A in accordance with EN-ISO 11654. α_w 0.95 in accordance with EN-ISO 11654. Noise Reductions Coefficient (NRC) 0.85 in accordance with ASTM C 423-01.

Cleaning

Light dirt marks may be removed by using a proprietary carpet spot cleaner.

A small area should be tested before cleaning the rest of the area to ensure that the fabric is not adversely affected.

Weight

Each acoustic baffle weighs in at 4.5kg/m².

Note: All weights are given as approximations.

Fire

Phonic Acoustic Baffle core board has been tested and offers Class O fire rating to BS476: Part 6. Fabric facing complies with Class 1 to BS476: Part 7. Class O fabrics can be supplied on request.

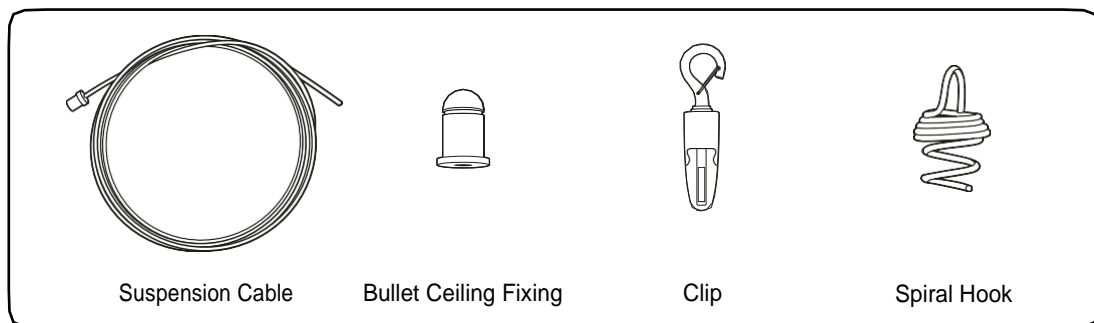
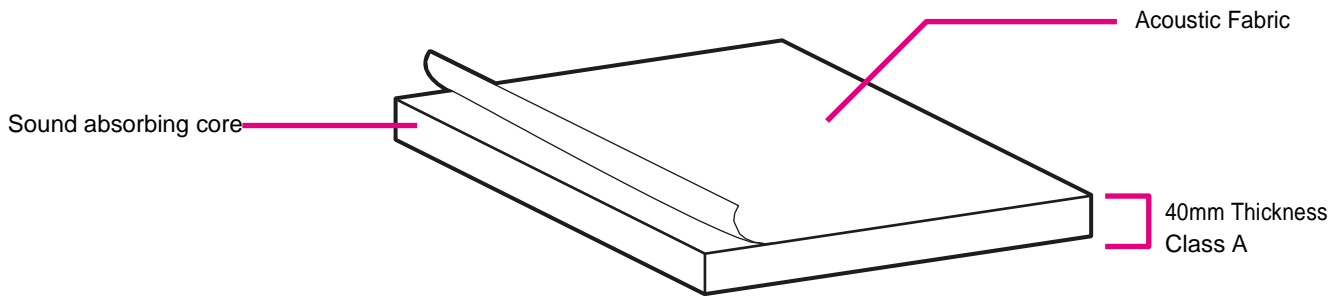
Cutting

Phonic Acoustic Baffles can be cut with a sharp Stanley knife.



Design

Each Phonic Acoustic Baffle is manufactured to the highest standards. It consists of a 40mm thick sound absorbing core board. This board is then wrapped in our acoustic fabrics offered in a number of colours from our Cara and Lucia ranges.

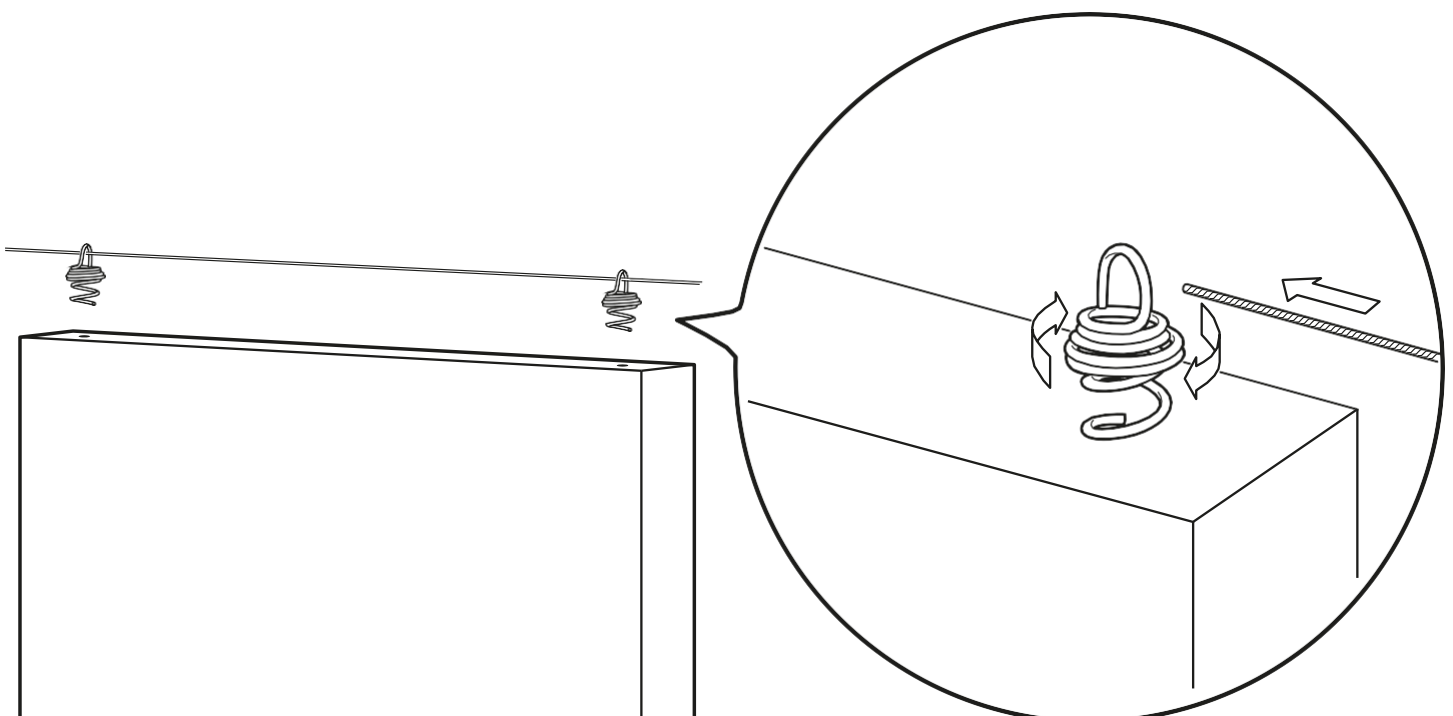


Application

Each panel will be supplied with 2 spiral hooks. The spiral hooks should be inserted approx. 150mm from the edge of the baffle. Each hook rotates clockwise until fully inserted into the panel surface. For long runs they are joined end on end onsite.

All other fixings and suspension cable to be supplied by the installer (2 spiral hooks supplied per baffle). The baffles can be installed by a suspension wire which can run horizontally or vertically from the ceiling.

































Dimensional tolerance : +/- 3mm



Fabric Colours

CARA COLOUR RANGE



							
Vit EJ184	Glass EJ004	Dolphin EJ105	Galilee EJ125	Adriatic EJ154	Inverness EJ175	Chaucer EJ172	Hillswick EJ190
							
Lead EJ104	Spray EJ033	Lomond EJ192	Austen EJ173	Beltane EJ193	Shetland EJ191	Lerwick EJ194	Cluanie EJ180
							
Lossie EJ197	Tummel EJ038	Pitlochry EJ076	Maree EJ195	Fairisle EJ186	Staffa EJ185	Denny EJ196	Black EJ138
							
Lora EJ187	Ronay EJ189	Easdale EJ188	Walten EJ011	Portland EJ016	Merrick EJ048	Clan EJ169	Carron EJ015

LUCIA CS COLOUR RANGE (CLASS O)

					
Varadero LC434	Roques LC433	Adobo LC165	Rum LC173	Panama LC079	
					
Aruba LC108	Costa LC026	Medan LC422	Negril LC175		
					
Bima LC425	Depok LC421	Honduras LC455	Palu LC414	Slip LC094	Revive LC182
					
Kota LC415	Tenom LC419	Makili LC424	Blanquilla LC456	Blizzard LC081	Havana LC009



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Acoustic Solutions



Preferred Acoustics Ltd (A Division of PCL), Preferred Contracts Ltd
Head Office and Factory, Unit 4, Harolds Road, Pinnacles, Harlow, Essex, CM19 5BJ

T: +44 (0) 1992 893375

E: info@preferredcontracts.com

www.preferredacoustics.com
www.preferredcontracts.com