

PCL Phonic Range

Fabric Wrapped Acoustic
Ceiling Rafts and Baffles



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Fabric Wrapped Acoustic Ceiling Rafts / Baffles

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Fabric Range

PCL Phonic Range

Fabric Wrapped Acoustic Ceiling Rafts and Baffles

Our range provides an excellent solution to controlling issues surrounding reverberation and reflected sound in rooms and open spaces across all sectors





PCL Phonic Range

Fabric Wrapped Acoustic Ceiling Rafts / Baffles

In the realm of architectural excellence and construction innovation, acoustic control is paramount. PCL Phonic Range fabric wrapped acoustic ceiling rafts and baffles offers a sophisticated and cost-effective solution to managing reverberation and reflected sound across diverse environments. Designed with both aesthetics and performance in mind, both products seamlessly blends into any interior while delivering unparalleled acoustic benefits.

BENEFITS

- 1) The panels are engineered to significantly reduce reverberation and echo, providing up to Class 'A' acoustic performance
- 2) Made to measure, bespoke panels at the request of our clients
- 3) Wide range of fabrics and colours to suit the environment
- 4) Panels are fully tested with certification
- 5) Short lead in periods, manufacture and delivery to site
- 6) Availability in painted options upon request

APPLICATIONS

PCL Phonic Range fabric wrapped acoustic ceiling rafts and baffles are available in an array of colours and sizes allowing for customisation that fits any aesthetic preference and spatial requirement, ensuring that functionality meets style. The solution fits perfectly within a variety of environments including:

- Schools
- Offices
- Auditoriums and Main Halls
- Conference Rooms
- Sports Halls
- Recording/Rehearsal studios
- Cinemas and Theatres
- Swimming Pools

Technical Data

Absorption Coefficient Table

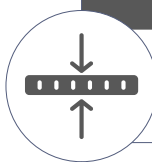
Frequency Hz - Phonic Range Fabric Wrapped Acoustic Ceiling

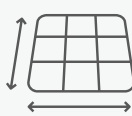
Baffles

	125	250	500	1000	2000	4000	NRC	Absorption Class
40mm	0.08	0.65	0.95	0.95	0.95	0.95	0.85	A
50mm	0.41	1.02	1.15	1.1	1.03	1.00	1.10	A

Rafts

	125	250	500	1000	2000	4000	NRC	Absorption Class
25mm	0.08	0.33	0.74	1.08	1.08	1.04	0.80	C
40mm	0.19	0.73	1.14	1.07	1.02	1.07	1.00	A
50mm	0.28	0.77	1.15	1.21	1.06	1.12	1.05	A

	Thickness	Weight
	25mm	3.25 kg/m ²
	40mm	4.00 kg/m ²
	50mm	5.00 kg/m ²



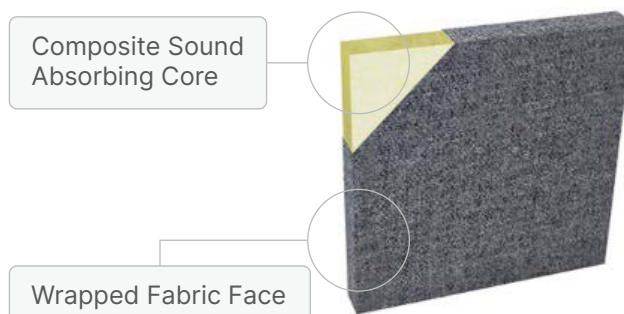
Max Single Panel Size
(Other sizes available on request)

3000mm × 1200mm
Subject to fabric limitations

Design

To ensure effective sound absorption is achieved, noise surveys and anticipated reverberation times pre-installation should be carried out. PCL can offer this as a standalone service to clients.

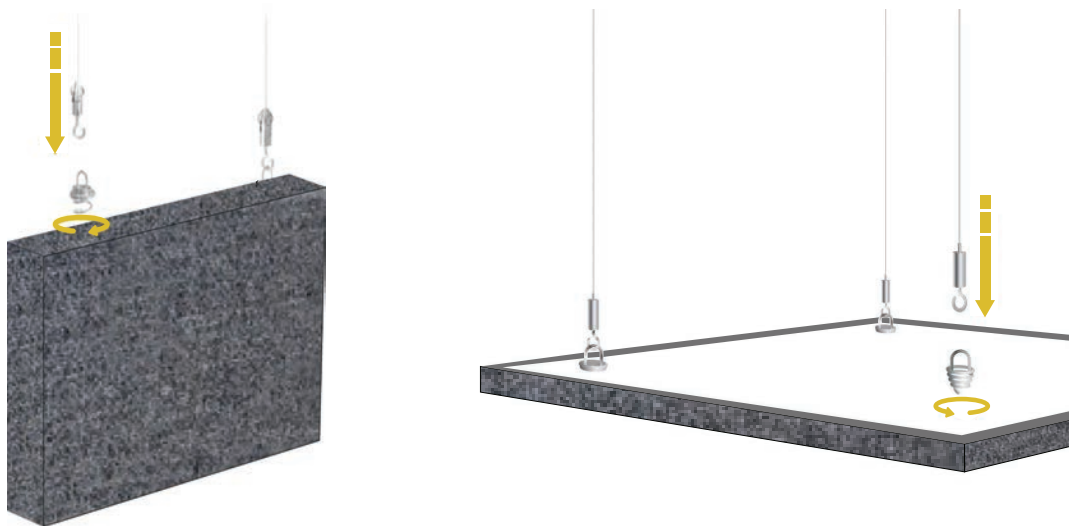
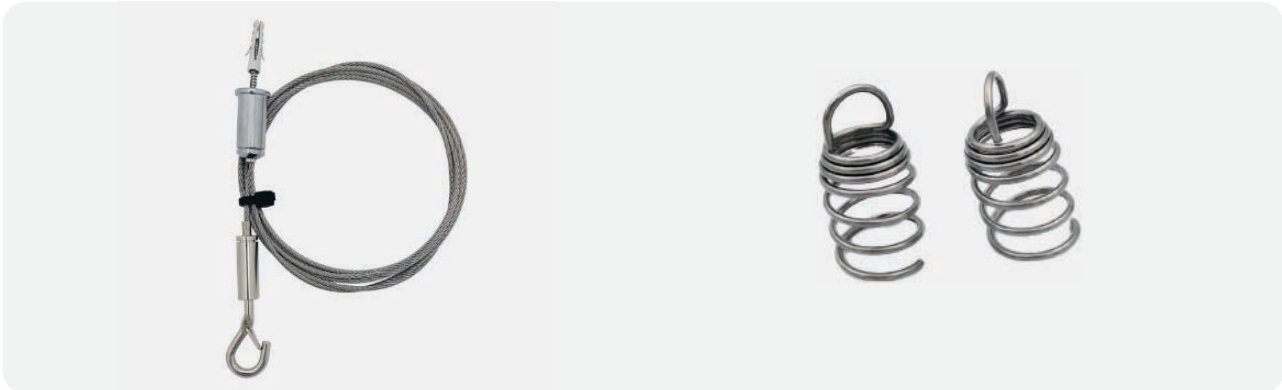
PCL Phonic Range ceiling rafts and baffles come in 25mm, 40mm and 50mm composite sound absorbing core and is wrapped fabric.



Installation

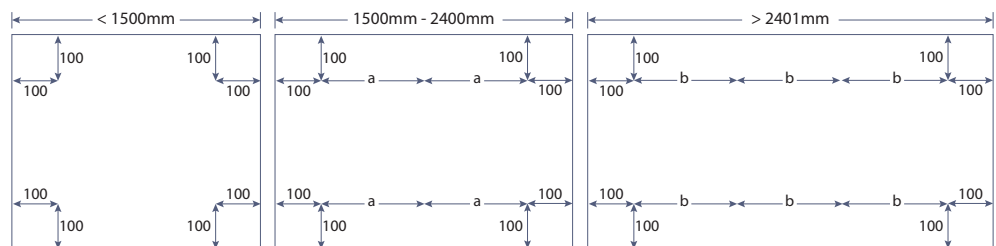
There is a simple yet effective process to follow when installing the PCL Phonic Range fabric wrapped ceiling rafts and baffles. The following steps across both options should be followed:

<p>Suspension Kits with Cork Screw</p>	<ul style="list-style-type: none"> • Suitable for both ceiling rafts and baffles of all sizes • For ceilings, an efficient installation methodology, easy to follow to allow expedient installation.
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RECOMMENDED PANEL FIXING POINTS

We recommend using the following number of impaling clips for the appropriate panel sizes.



Fabric Colours

Whatever your décor - Whatever your style we are sure to have you covered with our extensive range of fabric colours.

ERA COLOUR RANGE



Transition CSE30



Futurist CSE01



Allowance CSE38



Youth CSE39



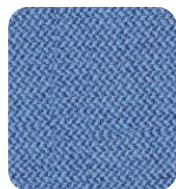
Aeon CSE20



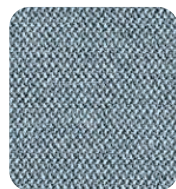
Maturity CSE40



Stage CSE15



Chapter CSE08



Late CSE43



Range CSE42



Everlasting CSE10



Perennial CSE12



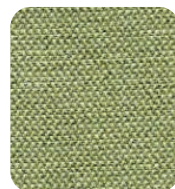
Analogue CSE33



Period CSE07



Event CSE18



Endurance CSE34



Timelapse CSE16



Signature CSE35



Notation CSE36



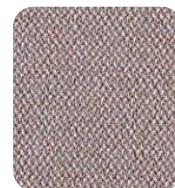
Rest CSE37



Prime CSE09



Quota CSE41



Occurrence CSE23



Present CSE13



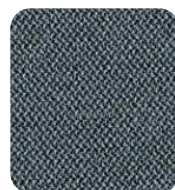
Generation CSE02



History CSE21



Memo CSE46



Elapse CSE44



Forecast CSE11



Splitsecond CSE31



Calendar CSE19



Sequence CSE25



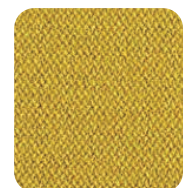
Prompt CSE45



Measure CSE27



Lifetime CSE03

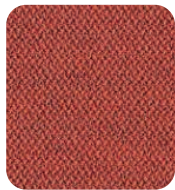


Occasion CSE32

Fabric Colours



Span CSE05



Experience CSE29



Cycle CSE06



Extent CSE28



Turn CSE26



Phase CSE17



Date CSE24

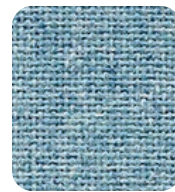


Forward CSE14

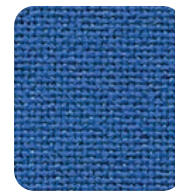
CARA COLOUR RANGE



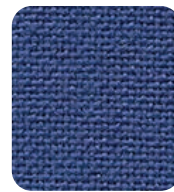
Glass EJ004



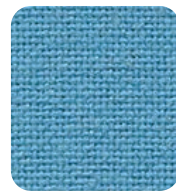
Dolphin EJ105



Galilee EJ125



Adriatic EJ154



Inverness EJ175



Lead EJ104



Spray EJ033



Lomond EJ192



Austen EJ173



Beltane EJ193



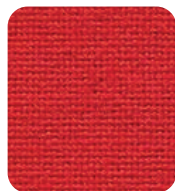
Shetland EJ191



Lossie EJ197



Tummel EJ038



Pitlochry EJ076



Maree EJ195



Fair Isle EJ186



Staffa EJ185



Lora EJ187



Ronay EJ189



Easdale EJ188



Walten EJ011



Portland EJ016



Merrick EJ048



Chaucer EJ172

Fabric Colours



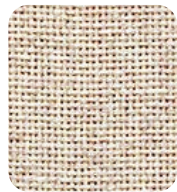
Hillswick EJ190



Denny EJ196



Black EJ138



Clan EJ169



Carron EJ015

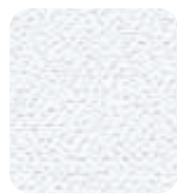


Lerwick EJ194

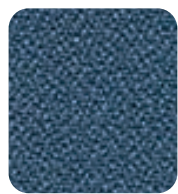


Cluanie EJ180

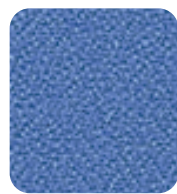
LUCIA COLOUR RANGE



Adobo YB165



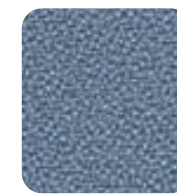
Martinique YB004



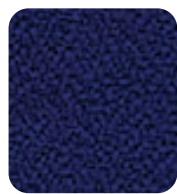
Bluebell YB097



Marianna YB157



Steel YB095



Ocean YB100



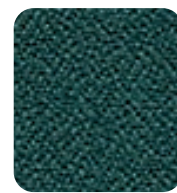
Campeche YB301



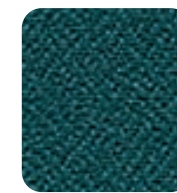
Madura YB156



Apple YB096



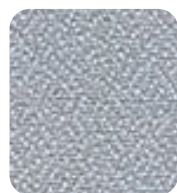
Windjammer YB047



Montserrat YB011



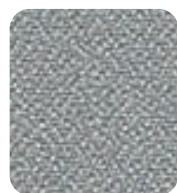
Paseo YB019



Rum YB086



Aruba YB093



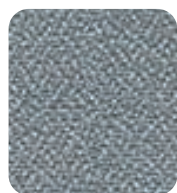
Slip YB094



Oyster YB107



Blizzard YB108



Buru YB170



Solano YB088



Calypso YB106



Lobster YB087



Tortuga YB168



Belize YB105



Bridgetown YB102

Fabric Colours



Sombrero YB046



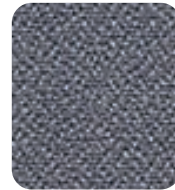
Tarot YB090



Havana YB009



Sandstorm YB302



Tequila YB038



Scuba YB089



Costa YB026

▲ Please note that the above colors are representative of the actual colours which may vary in shade or texture. We are able to provide actual fabric colour card upon request.



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