



Preferred Contracts Limited Acoustic and Design
Absorption Product:
Optic Range – Continuously Slotted Acoustic Panels



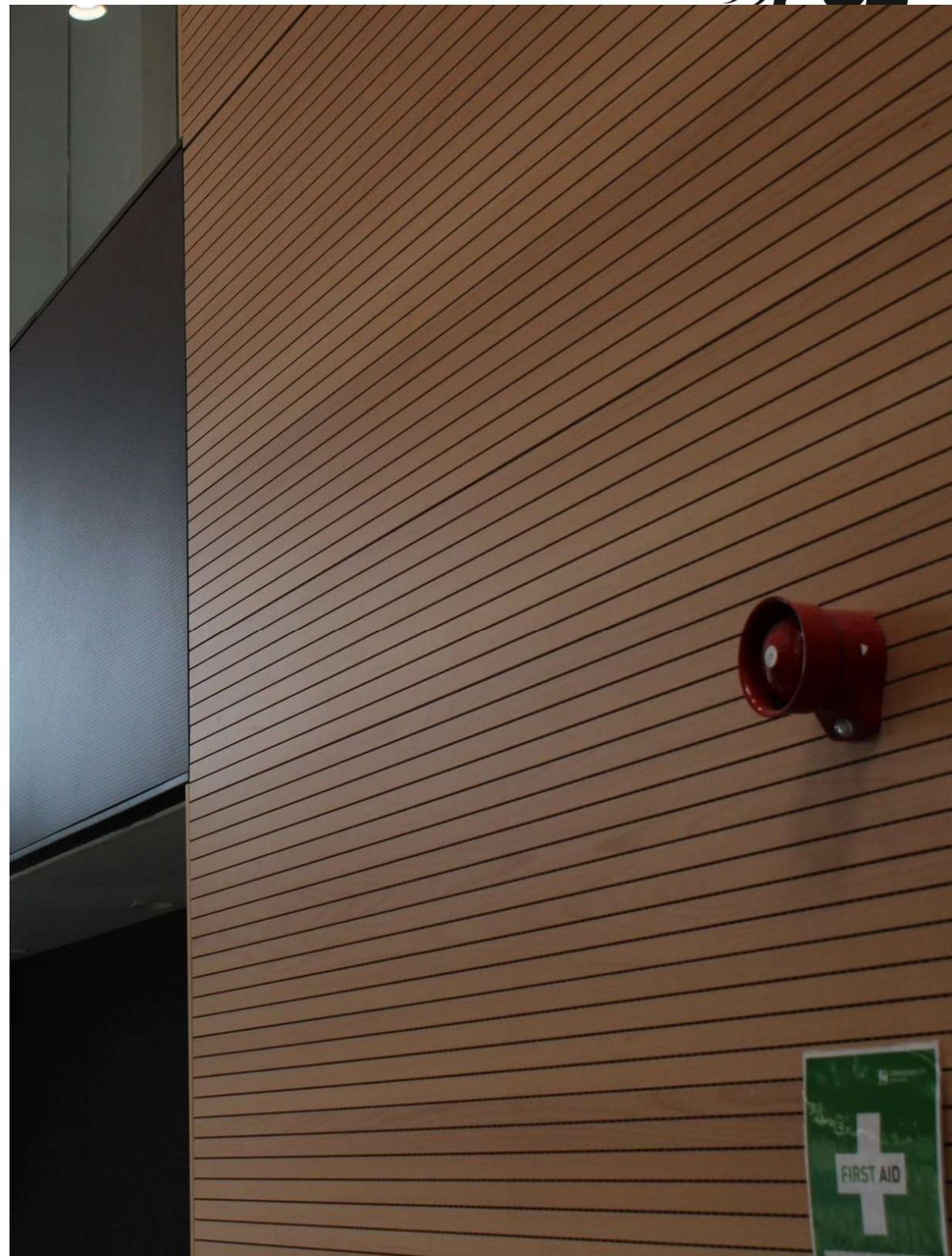
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01 Continuously Slotted Acoustic Panels

Our continuously slotted acoustic wall panels are an attractive sound control solution.

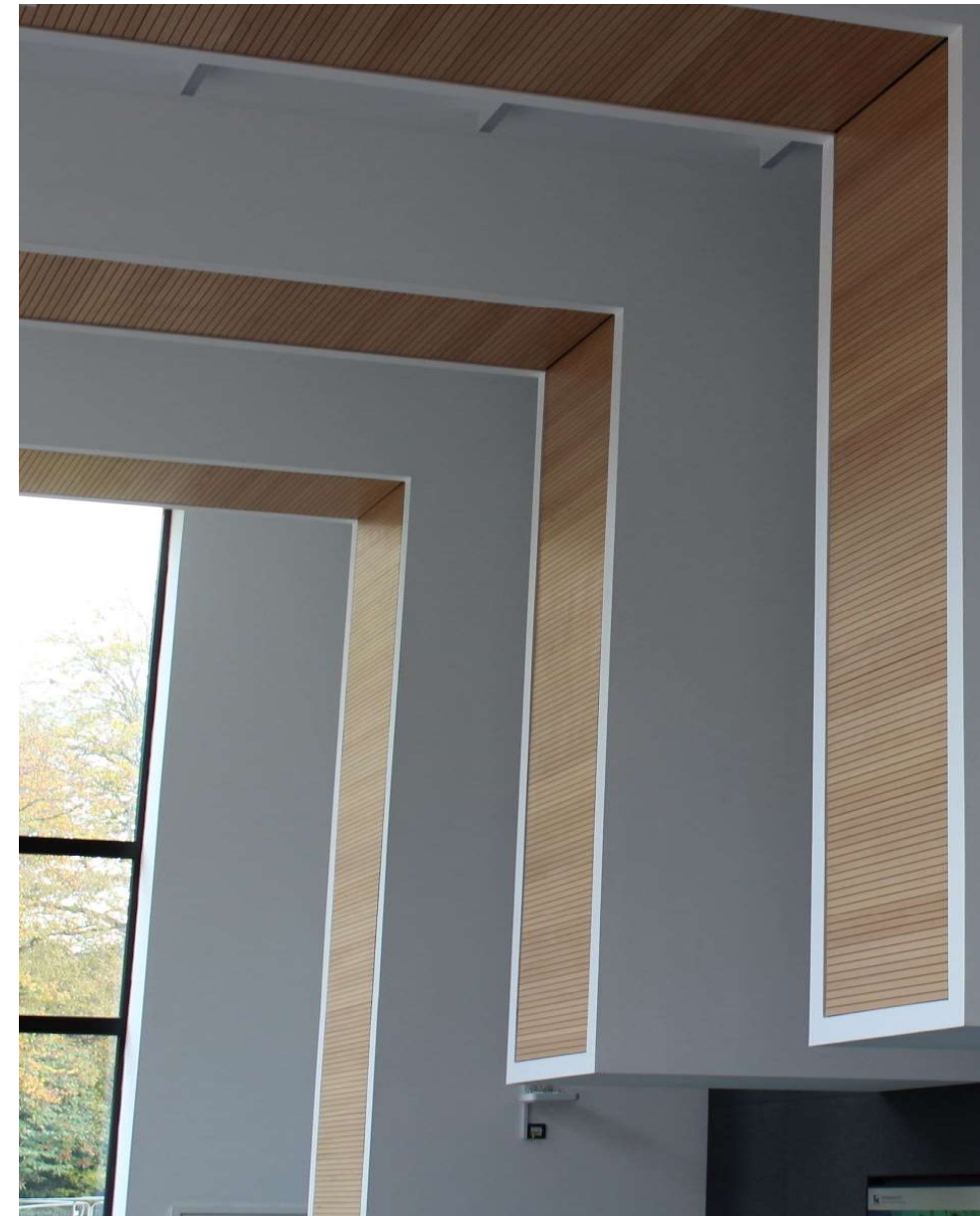
- Continuously slotted absorption panels offer a versatile solution for the control of reverberation where true flexibility, aesthetic appeal and of course, acoustic performance is required.
- This is available in planked and complete panels.
- This product enables the creation of a seamless appearance with clean lines to greatly improve the ambiance of any room.



02 Product Specification

NBS REF: K13 PCL Optic Continuously Slotted Acoustic Panels

Product:	PCL Optic Continuously Slotted Acoustic Panels
Manufacturer:	Preferred Contracts Limited Acoustics and Design
Web:	www.preferredacoustics.com
E-Mail:	info@preferredcontracts.com
Tel:	Tel +44 (0) 1992 893375
Address:	Preferred Contracts Limited Acoustics and Design Belfry House, Bell Lane, Hertford, Herts, SG14 1BP
Standard Size:	3600mm x 192mm x 16mm (further sizes available on application)
Groove Dimensions:	14/2, 28/4, 13/3 & 9/3 (custom measurements on application)
Thickness:	16mm
Long Edges:	1 edge tongue & 1 edge grooved
Ends:	Cut straight
Face Finishes:	Melamine, painted to RAL or BS colour, veneer
Backing:	Black acoustically transparent acoustic tissue
Construction:	16mm panel thickness with continuous slots (grooves) to the face and reverse with the boards being drilled from edge to edge through the core to create acoustic cavities which absorb sound.
Core Board:	Euro Class D MDF or Fire rated MDF
Fire Performance:	European Classification B.s3.do – Euro Class B
Wall Mounting:	Pinning to batons or via metal clip installation system
Sound Absorption Class:	Up to class B (dependent on insulation and depth of cavity behind panels)
Acoustic Performance:	Weighted Sound Absorption Value α_w -Ranging on air gap / cavity depth with insulation
Mechanical Properties:	No live load is permitted
Accessibility:	Demountable via mechanical fixing or secured via adhesive
Cleaning:	Wet wiping
Installation:	In accordance with standard details / project specific specification
Sound Insulation:	Not applicable



Rockwool Insulation	Application	QW	NCR	Euro Class for sound Absorption
Without	Wall	0.35	0.50	D
	Ceiling	0.50	0.65	C
20mm Rock Wool	Wall	0.55	0.65	C
	Ceiling	0.60	0.75	B
50mm Rock Wool	Wall	0.70	0.80	B
100mm Rock Wool	Ceiling	0.65	0.75	B

03 Fixing Method – Split Battens/Modular System

Panels are prefabricated and secretly fixed on site using a split battens system or a modular system depending on site conditions. The split batten thickness will vary depending on the thickness of the insulation (Absorption class rating).

This system offers an accurate and high-quality seamless finish.



04 Face Finishes

Wood (WD)

01. Rovere naturale



02. Faggio fiammato



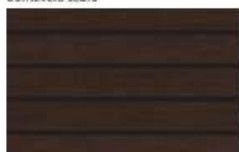
03. Palissandro fiammato



04. Noce canaletto



05. Rovere scuro



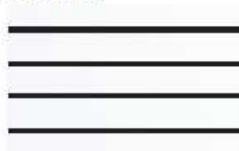
06. Ebano



sample veneers available

Lacquered (LQ)

21. Bianco ottico



22. Bianco



23. Corda



24. Mastice



25. Tortora



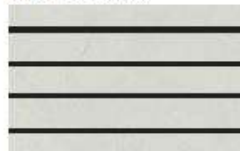
26. Piombo



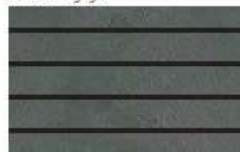
available in all RAL or NCS colors

Laminate (LA)

41. Malta - bianco totale



42. Malta - grigio



43. Fiammato



44. Nodi



45. Primofiore - beige



46. Primofiore - grigio



sample available



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