

Parafon® Royal



Parafon Royal is a unique and exclusive acoustic tile for direct installation on ceilings using adhesive. All visible edges are covered with coloured glass-fibre felt, which gives a clean and elegant appearance and makes Parafon Royal useful for sound absorption even in aesthetically sensitive environments. Can be mounted whole covering, in a group or individually, and provide quick improvement of problematic acoustic environments such as e.g. stairwells, laundry rooms, assembly halls and canteens.

Product Description

Facing material: Pre painted glass fiber surface layer.

Backside: Thin glass fiber tissue.

Treatment of edges: Covered edges. Same coating as visible surface.

Edges & Dimensions



Thickness	Width x Length (modular size)	Weight kg/m ²	Min. suspension height for dismounting
Ar			
50	600 x 1200 mm	4,2	Not demountable

Product size = Modular size - 8 mm

Performances

Reaction to fire



A2-s1,d0

According to: EN 13964:2014 (EN 13501-1)

Fire resistance



The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of products is related to the organic content, which cannot increase with time.

Cleaning



May be cleaned using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

Humidity and sag resistance



May be used continuously in 95% relative humidity at a temperature of 30 °C, occasionally also at 100% and 40 °C.

Visual appearance



Gloss factor: ~2

Light reflectance



~83%

Colours



White, NCS S 0500-N

Colour codes show the nearest NCS value

Environment & sustainability



Fully recyclable stone wool

Indoor environment



M1, Danish Indoor Climate Labelling class 2.



Installation



Mounting directly to the substrate by gluing, recommended to leave a 8 mm gap between the tiles.

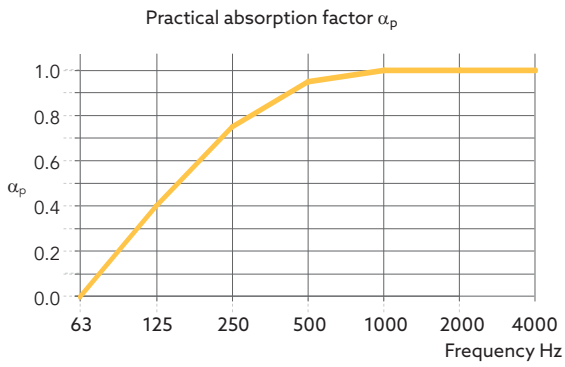
Sound absorption



The sound absorption has been measured according to ISO 354. The absorption values and classes are calculated according to ISO 11654. NRC according to ASTM C 423.

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Edge Ar: 50 mm.
Direct Fixing



Direct Fixing

Thickness: 50 mm Absorption Class: A —

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
50 mm	-	0.40	0.75	0.95	1.00	1.00	1.00	1.00	A	-

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www.parafon.com

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Parafon
(ROCKWOOL AB)

Reception:
Lillebovägen 2
541 91 Skövde

Delivery address:
Rydsdalsvägen 9
541 91 Skövde

E-mail: order@parafon.com
Tel.: +46 (0)500-10 11 00

