

PARAFON Royal



Certification Number

0809-CPR-1013 / Eurofins Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland

Short Description

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. The core consists of non-combustible mineral wool and the surface is coloured glass-fibre felt and available in the colours White and Cement. The variant PARAFON Royal Extra has a particularly durable woven glass-fibre layer and is suitable for more exposed areas and locations.

Usage Conditions

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

Dimensions

Dimensions		
Thickness	Width x Length	Weight
Edge A, White:		
30 mm	600 x 600 mm	2,6 kg/m ²
30 mm	600 x 900 mm	2,6 kg/m ²
30 mm	600 x 1200 mm	2,6 kg/m ²
30 mm	600 x 1500 mm	2,6 kg/m ²

Property	Value	According to
Practical Sound Absorption Class	Up to class A , for details see tab Acoustics.	EN 13964:2014 (EN ISO 354 / EN ISO 11654)

Mechanical Properties

Tensile/Flexural Strength		
Property	Value	According to
Flexural Tensile Strength	NPD	EN 13964:2014

Other Mechanical Properties		
Property	Value	According to
Shatter Properties	NPD	EN 13964:2014

Emissions

Property	Value	According to
Emission Indoor Climate	M1	Finnish Classification

Release of Dangerous Substances to the Indoor Environment		
Property	Value	According to
Release of Formaldehyde	E1	EN 13964:2014
Release of Asbestos	No content of asbestos	EN 13964:2014

Durability

Durability of Reaction to Fire Against Heat, Weathering, Ageing/Degradation. The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.

Facings

Facing Material: White and Cement: Pre painted glass fiber surface layer. Extra: White high quality glass fiber woven surface layer. Backside: thin glass fiber tissue.

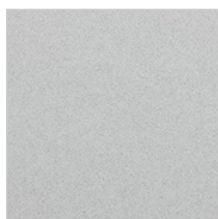
Gloss Factor: White: 2, Cement: 1, Extra: 3

Light Reflectance: White: 83 %, Cement: 54 %

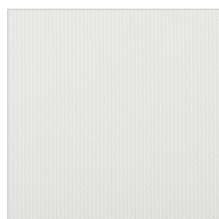
Colours



White, NCS S 0500-N



Cement, NCS S 2002-B



Extra, NCS S 0502-R50B

Treatment of Edges

Covered edges. Same coating as visible surface.

Edge Variations



A

Installation

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

Suspension Height

Direct fixing	
Tile thickness	Edge A
30 mm	32 mm
40 mm	42 mm
50 mm	52 mm

Minimum suspension height for not removeable

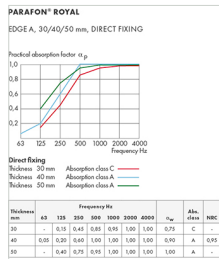
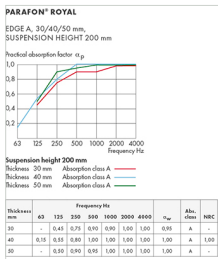
Maintenance

Using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

Disposal and Recycling

May be used as thermal insulation or taken to a dump. No restrictions.

Sound Absorption Curves



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