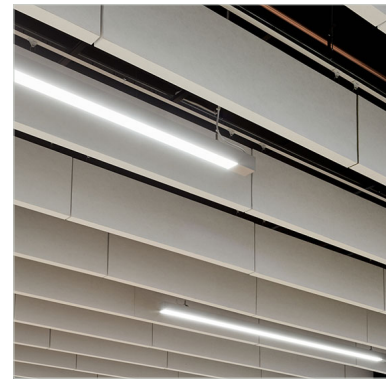


## PARAFON Royal Baffle



Certification Number

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

Short Description

PARAFON Royal Baffle is a vertical hanging acoustic board of non-combustible stone wool with all surfaces and edges covered with glass fiber surface layer. PARAFON Royal Baffles are useful in environments where it is not possible to cover the roof surface, eg because of sprinkler systems. Baffles can also be used as a complement to acoustic suspended ceilings and their effect is then to prevent the sound propagation over large areas, eg in open offices.

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:		
50 mm	300 x 1200 mm	1,5 kg/pc
50 mm	600 x 1200 mm	3,0 kg/pc

### Packaging

Package Type

Carton

### Fire Properties

Reaction to Fire		
Property	Value	According to
Reaction to Fire, Euroclass	A2 - s1, d0	EN 13964:2014 (EN 13501-1)

Other Fire Properties		
Property	Value	According to
Combustibility	Base product non-combustible	EN ISO 1182

Sound absorption is measured as absorption surface/baffle (m<sup>2</sup> Sabine), see tab Acoustics.

## 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

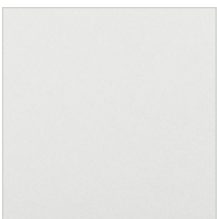
Durability of Reaction to Fire Against Heat, Weathering, The fire performance of mineral wool does not deteriorate with time. The Ageing/Degradation Euroclass classification of product is related to the organic content, which cannot increase with time.

## Facings

Facing Material	White or natural grey pre painted glass fiber surface layer.
Gloss Factor	White: 2
Light Reflectance	White: 83 %, Nature: 60 %

## Colours

Natural grey, NCS s 2005-G80Y



White, NCS S 0500-N

## Edges

Treatment of Edges

Covered edges. Same coating all sides. 300 mm Baffle have one edge uncovered and sealed.

## Installation

Baffles can be installed in line underneath the grid system using decoration clips or suspended from appropriate cables. Coil springs are used for securing to the baffle. Royal baffles can also be used as individual absorbers and be hung horizontally as so called "islands".

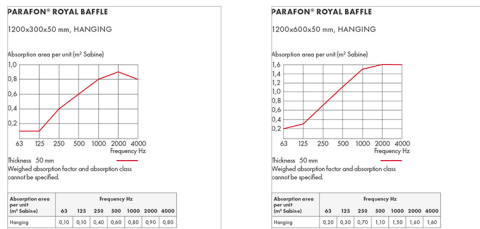
## Maintenance

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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