

## PARAFON Singel



Certification Number

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

Short Description

PARAFON Singel is a suspended, sound absorbing acoustic tile made from non-combustible mineral wool with the Classic surface layer of high quality and painted edges.

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 (Singel):		
40 mm	600 x 1200 mm	5,6 kg/m <sup>2</sup>
40 mm	600 x 1500 mm	5,6 kg/m <sup>2</sup>
40 mm	600 x 1800 mm	5,6 kg/m <sup>2</sup>
40 mm	1200 x 1200 mm	5,6 kg/m <sup>2</sup>
40 mm	1200 x 1500 mm	5,6 kg/m <sup>2</sup>
40 mm	1200 x 1800 mm	5,6 kg/m <sup>2</sup>
40 mm	1200 x 2400 mm	5,6 kg/m <sup>2</sup>
.		
Circle/Diameter:		
40 mm	1000 mm	5,6 kg/m <sup>2</sup>

### Packaging

Package Type

Carton

### Fire Properties

Reaction to Fire		
Property	Value	According to
Reaction to Fire, Euroclass	A1	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 pre painted glass fiber surface layer. Backside thin glass fiber tissue.
Gloss Factor	White: 2
Light Reflectance	White: 83 %, Nature: 60 %

## Colours



White, NCS S 0500-N

Treatment of Edges

Painted edges

## Installation

Fitted with a suitable wire attached to the Single panel with a short pig tail coil spring.

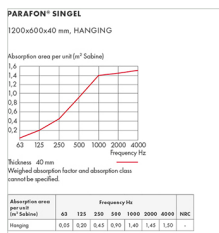
## Maintenance

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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