

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 ²
40 mm	600 x 1500 mm	5,6 kg/m ²
40 mm	600 x 1800 mm	5,6 kg/m ²
40 mm	1200 x 1200 mm	5,6 kg/m ²
40 mm	1200 x 1500 mm	5,6 kg/m ²
40 mm	1200 x 1800 mm	5,6 kg/m ²
40 mm	1200 x 2400 mm	5,6 kg/m ²
.		
Circle/Diameter:		
40 mm	1000 mm	5,6 kg/m ²

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 (m² 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

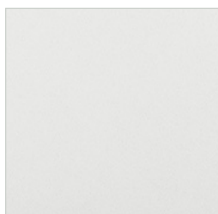
Durability

Durability of Reaction to Fire Against Heat, Weathering, The fire performance of mineral wool does not deteriorate with time. The 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.

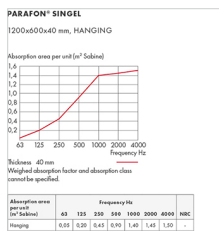
Maintenance

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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