

PARAFON Direct



Certification Number	0809-CPR-1013 / Eurofins Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland
Short Description	PARAFON Direct is an acoustic panel specially designed for the best sound absorption and function with direct installation using adhesive. The surface is covered with Classic coloured glass-fibre fabric and the straight edges are painted.
Application	For any interior environments where direct fixing is required.
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:		
40 mm	600 x 600 mm	4,0 kg/m ²
40 mm	600 x 1200 mm	4,0 kg/m ²

Packaging

Package Type	Carton
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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 Properties

Acoustic Absorption Index		
Property	Value	According to
Sound Absorption α_w , Direct Fixing	0.90	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
Property	Value	According to
Practical Sound Absorption Class	A	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

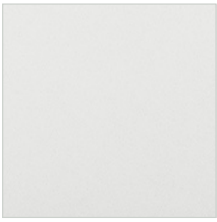
Durability

Durability of Reaction to Fire Against Heat, Weathering, The fire performance of mineral wool does not deteriorate with time. The Ageing/Degradation 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. (Classic). Backside: thin glass fiber tissue.
Gloss Factor	Approx. 2
Light Reflectance	Approx 83 %

Colours



White, NCS S 0500-N

Edges

Treatment of Edges

Fully painted edges

Edge Variations



A

Installation

Mounting directly to the substrate by gluing. Leave 4 mm gap between the tiles, that can be covered with T-profile or be left visible. If mounted in groups, U-profile can be used to cover the outer edges of 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

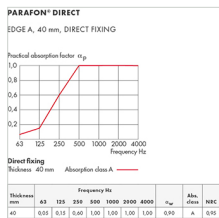
Maintenance

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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