

PARAFON Nordic



Certification Number

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

Short Description

PARAFON Nordic is a removable acoustic tile for basic requirements and with a wide area of application in more and less sensitive environments it is available with edge configurations A and E for installation in a grid system.

Application

Offices, commercial premises, schools and nurseries

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:		
15 mm	600 x 600 mm	1,1 kg/m ²
15 mm	600 x 1200 mm	1,1 kg/m ²
30 mm	600 x 600 mm	2,1 kg/m ²
30 mm	600 x 1200 mm	2,1 kg/m ²
Edge E24:		
15 mm	600 x 600 mm	1,5 kg/m ²
15 mm	600 x 1200 mm	1,5 kg/m ²

Manufacturing module = -8 mm

Packaging

Package Type

Carton

Fire Properties

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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 a_w , Construction Depth 200 mm	Edge A:	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
.	15 mm: 0,90	
.	Edge E:	
.	15 mm: 0,90	

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

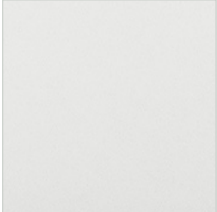
Durability

Durability of Reaction to Fire Against Heat, Weathering, The fire performance of mineral wool does not deteriorate with time. The Ageing/Degradation 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	Approx. 2
Light Reflectance	Approx. 83 %

Colours

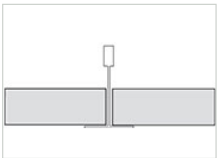


White, NCS S 1000-N

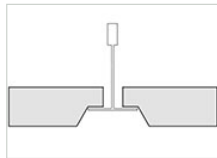
Edges

Treatment of Edges	Edge A are thin spray painted, Edge E painted.
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Edge Variations



A



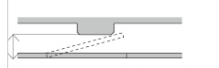
E24

Installation

Installation with Armstrong Prelude suspension system

Suspension Height

Installation with exposed suspension system



Tile thickness	Edge A	Edge E
15-18 mm	90 mm	90 mm
25 mm	110 mm	
40 mm	160 mm	170 mm

Minimum construction height using direct hooks is 52 mm.

Minimum suspension height for removal

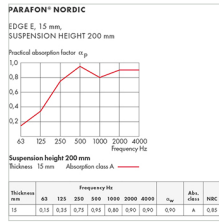
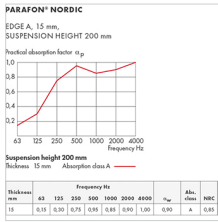
Maintenance

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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