

PARAFON Clinic



Certification Number

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

Short Description

PARAFON Clinic is a durable acoustic tile developed for suspended ceilings in medical, lab and similar environments with stringent requirements for good hygiene and cleaning. The surface is a white reinforced glass-fibre felt that is particularly scratch resistant and that tolerates frequent wiping and cleaning using disinfectants, but not rinsing.

Application

Hospitals, restaurants, bars, large kitchens and swimming halls.

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

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 Properties

Acoustic Absorption Index		
Property	Value	According to
Sound Absorption α_w , Construction Depth 200 mm	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

Particulate Cleanliness Class ISO 4 (ISO 14644-1:1999). Microbiological class M 10 (NF S 90-351:2013).

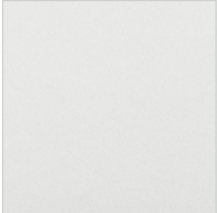
Durability

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 scratch resistant glass fiber surface layer. Backside: thin glass fiber tissue.
Gloss Factor	Approx. 2
Light Reflectance	Approx. 80 %

Colours

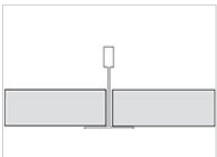


White, NCS S 0500-N

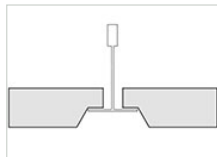
Edges

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



A



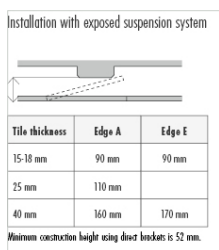
E24

Installation

Installation with Armstrong Prelude suspension system. In wet or high humidity environment must Prelude TLX corrosion resistant suspension system be used.

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 brackets is 52 mm.

Minimum suspension height for removal

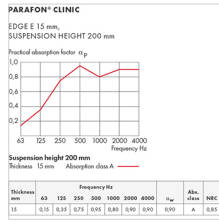
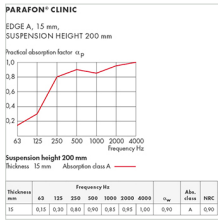
Maintenance

Dry cleaning using a soft brush or by vacuum cleaning. Wet cleaning by wiping with a damp or wet cloth or sponge. Can be washed with diluted disinfectants (like chlorine, ammonium or hydroperoxide solutions). Scratch resistant.

Disposal and Recycling

May be used as thermal insulation or taken to a dump. No restrictions.

Sound Absorption Curves



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