

PARAFON Hygiene



Certification Number

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

Short Description

PARAFON Hygiene is a highly durable acoustic tile developed for suspended ceilings in rooms with stringent requirements for good hygiene and cleaning. The surface is a white reinforced glass-fibre felt that is particularly scratch resistant and tolerates high and low-pressure washing and cleaning with disinfectants.

Application

Kitchens, food-industry production areas, restaurants, public baths, laboratories, hospitals and electronics industry.

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:		
18 mm	600 x 600 mm	1,4 kg/m ²
18 mm	600 x 1200 mm	1,4 kg/m ²
40 mm	600 x 600 mm	2,8 kg/m ²
40 mm	600 x 1200 mm	2,8 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 , Direct Fixing	18 mm: 0,45	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
.	40 mm: 0,95	
Sound Absorption α_w , Construction Depth 200 mm	18 mm: 0,95	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
.	40 mm: 0,95	

Property	Value	According to
Practical Sound Absorption Class	Up to class A, for details see tab Acoustics.	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.

Environmental Indicators

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

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

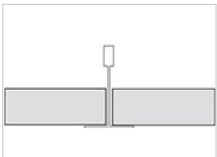


White, NCS S 0500-N

Edges

Treatment of Edges	Fully painted edges
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Edge Variations



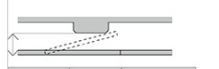
A

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 A with clips
18 mm	90 mm	250 mm
40 mm	160 mm	250 mm

Minimum construction height using direct brackets is 52 mm.

Minimum suspension height for removal

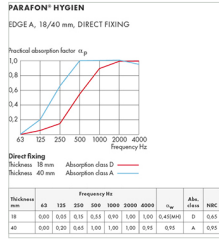
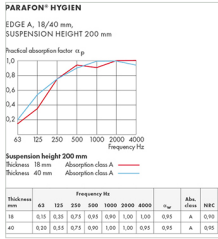
Maintenance

Using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge. Can be washed with high or low pressure 3-4 times a year (see instructions) and 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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