

## 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 <sup>2</sup>
18 mm	600 x 1200 mm	1,4 kg/m <sup>2</sup>
40 mm	600 x 600 mm	2,8 kg/m <sup>2</sup>
40 mm	600 x 1200 mm	2,8 kg/m <sup>2</sup>

### 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 $\alpha_w$ , Direct Fixing	18 mm: 0,45	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
.	40 mm: 0,95	
Sound Absorption $\alpha_w$ , 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

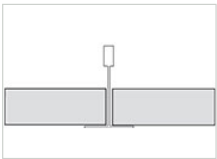


White, NCS S 0500-N

## Edges

Treatment of Edges	Fully painted edges
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## Edge Variations



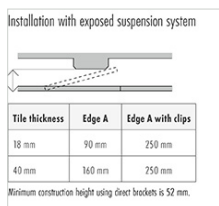
A

## 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

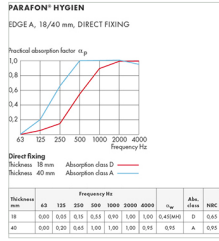
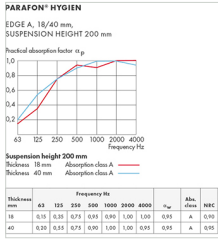
## Maintenance

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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