

PARAFON Prime



Certification Number

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

Short Description

PARAFON Prime is a particularly durable acoustic panel developed for rooms with very stringent requirements for frequent and abrasive cleaning. The surface is a white extra reinforced glass-fibre felt that is very scratch resistant and tolerates high and low-pressure washing and cleaning with disinfectants.

Application

Areas where cleaning on a regular basis is demanded such as in food 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: 0,55 | EN 13964:2014 (EN ISO 354 / EN ISO 11654) |
| | 40 mm: 0,65 | |
| Sound Absorption α_w , Construction Depth 200 mm | 18 mm: 0,45 | EN 13964:2014 (EN ISO 354 / EN ISO 11654) |
| | 40 mm: 0,65 | |

| Property | Value | According to |
|----------------------------------|----------|---|
| Practical Sound Absorption Class | 18 mm: D | EN 13964:2014 (EN ISO 354 / EN ISO 11654) |
| . | 40 mm: C | |

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

Colours

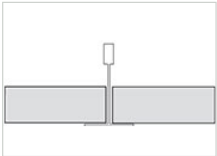


White, NCS S 0500-N

Edges

| | |
|--------------------|---------------------|
| Treatment of Edges | Fully painted edges |
|--------------------|---------------------|

Edge Variations

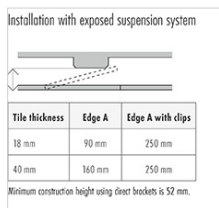


A

Installation

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

Suspension Height



Minimum suspension height for removal

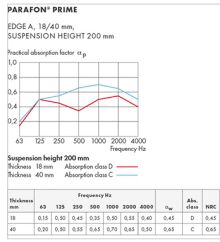
Maintenance

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 high pressure once a month (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



Head Office: PAROC GROUP, P.O. Box 240 (Energiakuja 3), FI-00181 Helsinki Finland, Tel. +358 46 876 8000, www.paroc.com

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