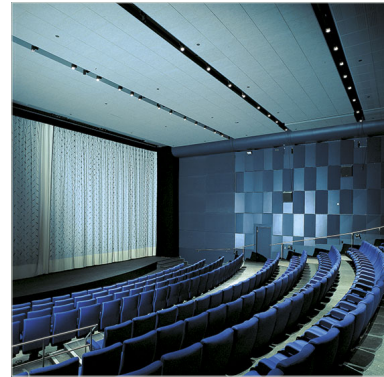


PARAFON Reflex



| | |
|----------------------|---|
| Certification Number | 0809-CPR-1013 / Eurofins Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland |
| Short Description | PARAFON Reflex is a sound-reflecting suspended ceiling panel and can be used as part of a suspended ceiling when audibility and speech intelligibility needs to be improved, such as in lecture halls, classrooms or music rooms. |
| Application | Classrooms, auditoriums |
| 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 | 1,6 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 | 0.25 | EN 13964:2014 (EN ISO 354 / EN ISO 11654) |

| Property | Value | According to |
|----------------------------------|-------|---|
| Practical Sound Absorption Class | E | EN 13964:2014 (EN ISO 354 / EN ISO 11654) |

Sound reflecting, low sound absorption.

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 |

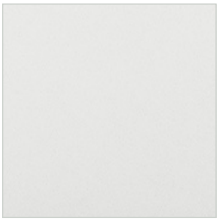
Durability

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. (Classic). Backside: thin glass fiber tissue. |
| Gloss Factor | Approx. 2 |
| Light Reflectance | Approx. 83 % |

Colours



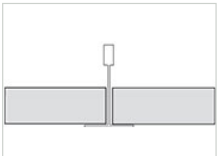
White, NCS S 0500-N

Edges

Treatment of Edges

Thin spray painted

Edge Variations



A

Installation

Installation with Armstrong Prelude suspension system, as a part of a sound absorbing ceiling as Parafon Classic. Reflex tiles shall be placed over the area from where the sound will be distributed.

Suspension Height

Installation with exposed suspension system and removable
 For other installation alternatives, please see separate installation instructions

| Tile thickness | Edge A |
|----------------|--------|
| 30 mm | 120 mm |
| 50 mm | 170 mm |
| 100 mm | 250 mm |

Minimum construction height using direct hangers is 52 mm.

Minimum suspension height for removal

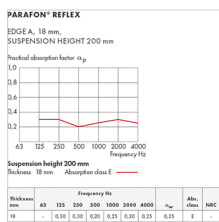
Maintenance

Dry cleaning using a soft brush or by vacuum cleaning. Wet cleaning by wiping with a damp cloth or sponge.

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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