

DATASHEET

Rockfon® Eclipse wall panel



Sounds Beautiful

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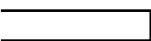


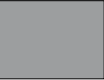



- Aesthetic, frameless acoustic wall panel suitable for offices, reception areas etc. where extra absorption combined with nice design is needed
- A smooth, deep-matt, and super-white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Available in a variety of shaped formats with a clean minimalistic A-edge and an unlimited custom colour range using NCS
- Quick and easy to install with the special wall fixing kit. The fixing kit allows for the absorber to be installed in different distances from the wall creating interesting patterns

Product Description

- Stone wool panel
- Visible side: smooth, deep matt, super-white painted fleece
- Rear side: white backing fleece
- Durable painted edges

Application Areas

- Office
- Leisure
- Retail

| Edge detail | Shapes | Module size (mm) | Approximate weight (kg/unit) | Recommended installation System | Recycled content | Cradle to Cradle Certified® | A1-A3 Production stage impact (kg CO ₂ eq/m ²)* | A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)* |
|---|--|------------------|------------------------------|---------------------------------|------------------|---|--|---|
|  | Square  | 1160 x 1160 x 40 | 9 | Rockfon® System Eclipse Wall™ | 38% |  | 6.46 | 8.37 |
| | Rectangle  | 1760 x 1160 x 40 | 13 | Rockfon® System Eclipse Wall™ | | | | |
| | Circle  | 800 x 800 x 40 | 3 | Rockfon® System Eclipse Wall™ | | | | |
| | | 1160 x 1160 x 40 | 7 | Rockfon® System Eclipse Wall™ | | | | |
| | Triangle  | 1160 x 1005 x 40 | 4 | Rockfon® System Eclipse Wall™ | | | | |
| | Hexagon  | 1160 x 1006 x 40 | 6 | Rockfon® System Eclipse Wall™ | | | | |

Contact us for the fixation of free-form Rockfon Eclipse.
 Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.
 Contact us for special shapes, colours, sizes, lead times and minimum quantities.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



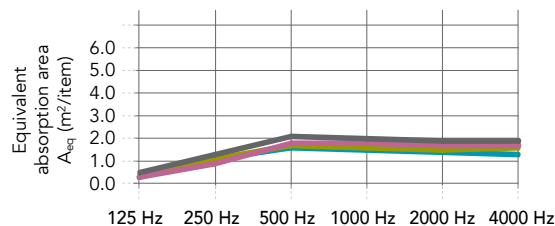
Performance



Sound absorption

A_{eq} (m²/item)

Further acoustic data available;
contact your local Rockfon technical support



| | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
|--|--------|--------|--------|---------|---------|---------|
| Circle 1160mm, Direct Fixing Bracket (15 mm) | 0.3 | 1.1 | 1.6 | 1.5 | 1.4 | 1.3 |
| Circle 1160mm, Stepped Fixing Bracket (65 mm) | 0.3 | 1.1 | 1.7 | 1.6 | 1.5 | 1.6 |
| Square 1160x1160mm, Direct Fixing Bracket (15 mm) | 0.3 | 0.9 | 1.8 | 1.8 | 1.7 | 1.7 |
| Square 1160x1160mm, Stepped Fixing Bracket (65 mm) | 0.5 | 1.3 | 2.1 | 2.0 | 1.9 | 1.9 |



Reaction to fire

A1



Light reflection and light diffusion

87% light reflection (rear side: 79%)
>99% light diffusion



Humidity and sag resistance

Up to 90% RH. There will always be some dust/dirt on the panels after some time, and with regular exposure to high humidity this could lead to fungi growth. Please avoid condensation on the panel. Rockfon Eclipse is not suitable for use in swimming pools or outdoors. For more information, please contact Rockfon.



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Visual appearance

Super-white surface
L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

All performance properties presented in the datasheet are based uniquely on the Rockfon Blanka surface. All colours can influence product performances.

Please contact Rockfon customer service for more information.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

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