

DATASHEET

# Rockfon® Eclipse wall panel



**Sounds Beautiful**

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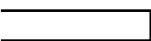


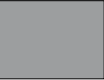



- Aesthetic, frameless acoustic wall panel suitable for offices, reception areas etc. where extra absorption combined with nice design is needed
- A smooth, deep-matt, and super-white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Available 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 <sub>2</sub> eq/m <sup>2</sup> )*	A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*
	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](https://rockfon.link/int-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



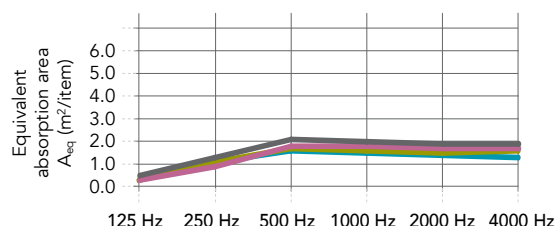
## Performance



### Sound absorption

$A_{eq}$  (m<sup>2</sup>/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 4

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.

04.2024 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

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