

DATASHEET

Rockfon® Eclipse



Sounds Beautiful

Rockfon® Eclipse




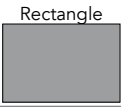
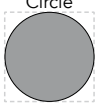


- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, deep-matt, and super white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Rockfon Eclipse is available in a variety of shaped formats with a clean minimalistic A-edge and an unlimited custom colour range using NCS
- Quick and easy to install, Rockfon Eclipse can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

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

Application Areas

- Retail
- Education
- Office
- Leisure

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 Island™	39%		6.46	8.37
	Rectangle 	1760 x 1160 x 40	13	Rockfon® System Eclipse Island™				
	Circle 	800 x 800 x 40	3	Rockfon® System Eclipse Island™				
		1160 x 1160 x 40	7	Rockfon® System Eclipse Island™				
	Triangle 	1160 x 1005 x 40	4	Rockfon® System Eclipse Island™				
	Hexagon 	1160 x 1006 x 40	6	Rockfon® System Eclipse Island™				

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/apac-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



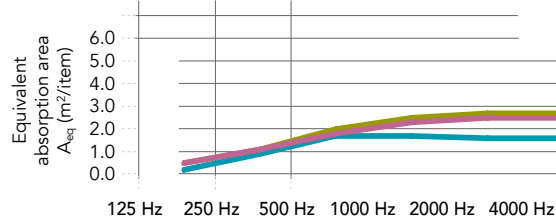
Performance



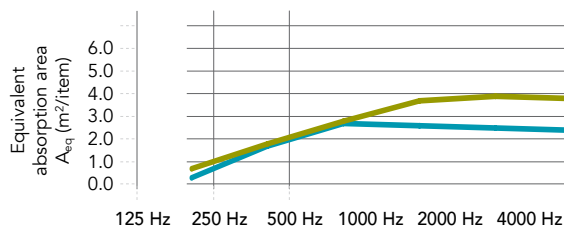
Sound absorption

A_{eq} (m²/item)

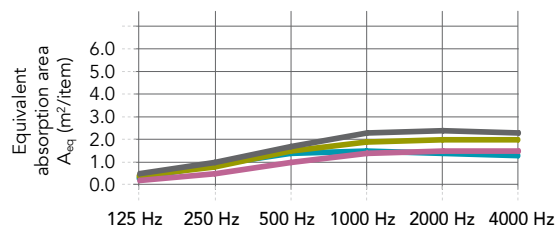
* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Square 1160 single item* (suspension height: 13mm)	0.2	0.9	1.7	1.7	1.6	1.6
Square 1160 single item* (suspension height: 500mm)	0.5	1.1	2.0	2.5	2.7	2.7
Square 1160 array of 5 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.8	2.3	2.5	2.5



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Rectangle 1760 single item* (suspension height: 13mm)	0.3	1.7	2.7	2.6	2.5	2.4
Rectangle 1760 single item* (suspension height: 500mm)	0.7	1.8	2.8	3.7	3.9	3.8



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Circle 1160 single item* (suspension height: 13 mm)	0.3	0.9	1.4	1.5	1.4	1.3
Circle 1160 single item* (suspension height: 500 mm)	0.4	0.8	1.5	1.9	2.0	2.0
Triangle 1160 single item* (suspension height: 500 mm)	0.2	0.5	1.0	1.4	1.5	1.5
Hexagon 1160 single item* (suspension height: 500 mm)	0.5	1.0	1.7	2.3	2.4	2.3



Reaction to fire

A1



Light reflection and light diffusion

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



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity
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.



Recyclability

Fully recyclable stone wool



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.



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 list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an 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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