

DATASHEET

Rockfon Eclipse®



Sounds Beautiful

Rockfon Eclipse®

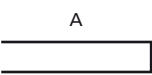







- Innovative and aesthetically pleasing frameless acoustic ceiling island, offering excellent sound absorption and supplied in a smooth, deep-matt, super white surface providing high light reflection, light diffusion and anti-static properties, extending its product lifetime
- Rockfon Eclipse is available 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)	Weight (kg/unit)	MS / MS easy access (mm)	Recommended installation System
	Square 	1160 x 1160 x 40	9	15 / 150	Rockfon® System Eclipse Island™
	Rectangle 	1760 x 1160 x 40	13	15 / 150	Rockfon® System Eclipse Island™
		2360 x 1160 x 40	17	15 / 150	Rockfon® System Eclipse Island™
	Circle 	800 x 800 x 40	3	15 / 150	Rockfon® System Eclipse Island™
	Triangle 	1160 x 1160 x 40	7	15 / 150	Rockfon® System Eclipse Island™
	Hexagon 		4	15 / 150	Rockfon® System Eclipse Island™
	Oval 	1760 x 1160 x 40	6	15 / 150	Rockfon® System Eclipse Island™
	Bespoke 		10	15 / 150	Rockfon® System Eclipse Island™
			9	15 / 150	Rockfon® System Eclipse Island™

MS = Minimum Suspension

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.



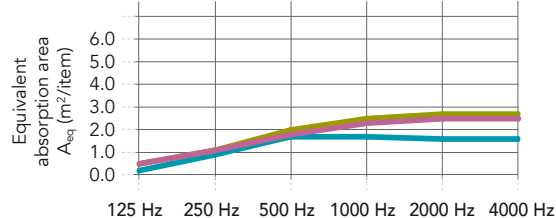
Performance



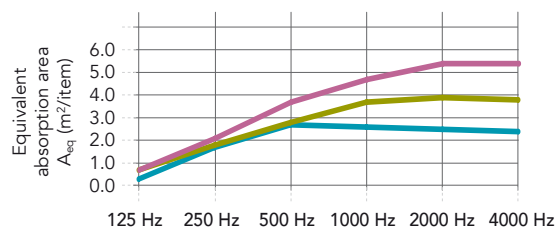
Sound absorption

A_{eq} (m²/item)

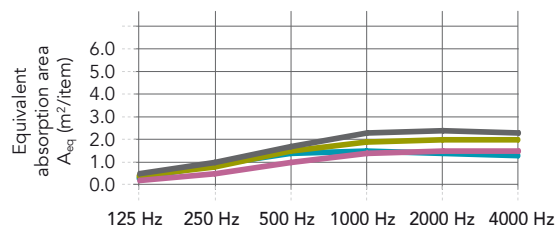
* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



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



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
Rectangle 2360 single item* (suspension height: 500mm)	0.7	2.1	3.7	4.7	5.4	5.4



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

Rockfon Eclipse Rectangle 2360: A2-s1,d0



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 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment

Fully recyclable stone wool

The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.

Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



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.



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