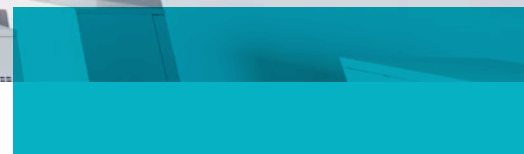


Rockfon Eclipse[®]

Datasheet



Sounds Beautiful

Rockfon Eclipse®

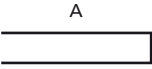
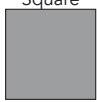
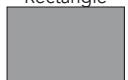
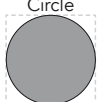


- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, deep-matt, and super white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Rockfon Eclipse is available in a variety of shaped formats with a clean minimalistic 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
	Square 	1160 x 1160 x 40	9	Rockfon® System Eclipse Island™
	Rectangle 	1760 x 1160 x 40	13	Rockfon® System Eclipse Island™
	Circle 	800 x 800 x 40	3	Rockfon® System Eclipse Island™
	Triangle 	1160 x 1160 x 40	7	Rockfon® System Eclipse Island™
	Hexagon 		4	Rockfon® System Eclipse Island™
			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.

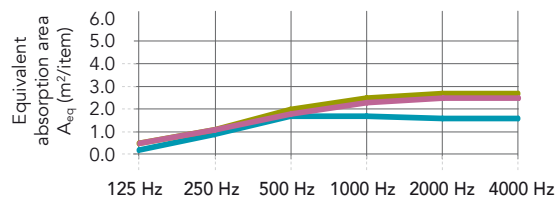


Performance

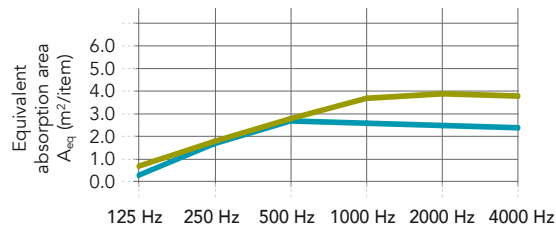


Sound absorption A_{eq} (m²/item)

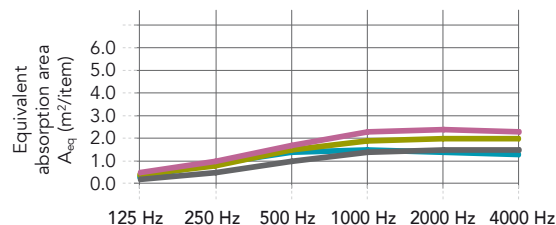
* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



	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
Hexagon 1160 single item* (suspension height: 500 mm)	0.5	1.0	1.7	2.3	2.4	2.3
Triangle 1160 single item* (suspension height: 500 mm)	0.2	0.5	1.0	1.4	1.5	1.5



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. 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 11998:2007 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 6.12 kg of CO₂ eq. (cradle to gate based on 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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