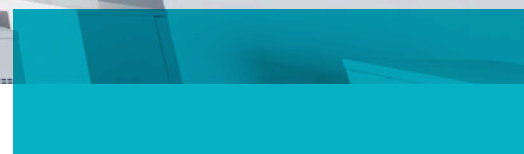
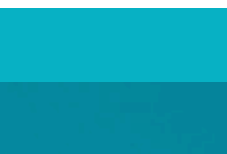


# Rockfon Eclipse<sup>®</sup>

Datasheet



**Sounds Beautiful**

# Rockfon Eclipse®

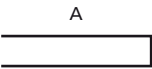





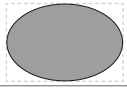

- Innovative and aesthetically pleasing frameless acoustic ceiling island, offering excellent sound absorption and supplied in a smooth, deep-matt, super white surface providing high light reflection, light diffusion and anti-static properties, extending its product lifetime
- Rockfon Eclipse is available 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

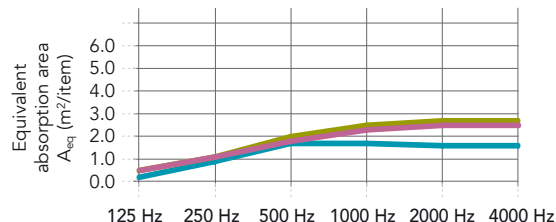
Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	MS / MS easy access (mm)	Recommended installation System
	Square 	1160 x 1160 x 40	9	15 / 150	Rockfon® System Eclipse Island™
	Rectangle 	1760 x 1160 x 40	13	15 / 150	Rockfon® System Eclipse Island™
		2360 x 1160 x 40	17	15 / 150	Rockfon® System Eclipse 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™
			4	15 / 150	Rockfon® System Eclipse Island™
			6	15 / 150	Rockfon® System Eclipse Island™
	Hexagon 	1760 x 1160 x 40	10	15 / 150	Rockfon® System Eclipse Island™
Ovoid 	9		15 / 150	Rockfon® System Eclipse Island™	
Freeform 			15 / 150	Rockfon® System Eclipse Island™	

MS = Minimum Suspension

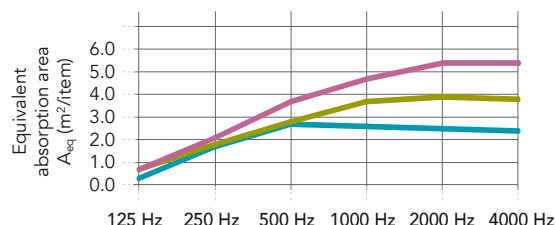
Rectangular and square Rockfon Eclipse in custom colours are only available in a Be-edge (bevelled edge)

Size 2360 x 1160 x 40 is only available in custom colours on one side

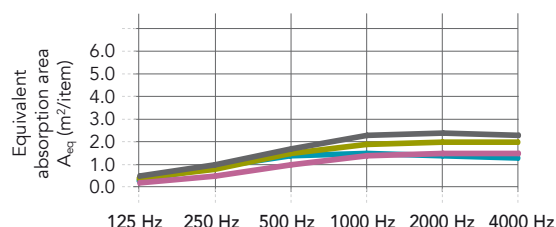
Contact us for special shapes, colours, sizes, lead times and minimum quantities.



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



	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

## Performance



### Sound absorption

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

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



### 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: Wet-scrub resistance:

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1 is 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 CO<sub>2</sub> 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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## Sounds Beautiful

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