

# Rockfon Eclipse



Rockfon Eclipse Panels can be suspended from almost any substrate, and give the appearance of effortlessly floating in any room. An almost unlimited colour range is available to designers as well as a large range of shapes and custom sizes. They are quick to install and have a high dimensional stability for demanding environments.

## Physical Description

- Stone wool raft / panel
- Visible side: Smooth, deep matt, super white fleece
- Rear side: White backing fleece
- Painted edges
- *Custom colour range available on request*

## Application Areas

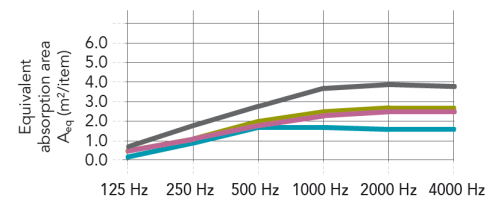
- Education
- Office
- Retail and Hospitality
- Retrofit

## Acoustic Properties

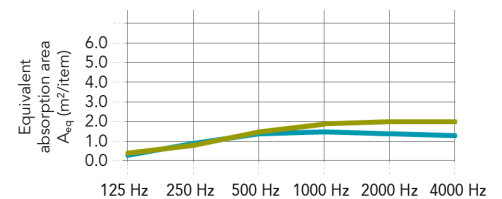


$A_{eq}$  (m<sup>2</sup>/item)

\*Distance between items greater or equal to 2000mm. Further acoustic data available. Contact Modern Supplies for technical support



Configuration	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
Rectangle 1760 single item* (suspension height: 500mm)	0.7	1.8	2.8	3.7	3.9	3.8



Configuration	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

## What is Rockfon?

All Rockfon products comprise a non-combustible stone wool core that is non-hygroscopic and provides no sustenance for mould and microbes. The use of a backing fleece improves product performance and resilience, ensuring panels remain free from fractures and site-damage where panels are subject to frequent demounting. Products will maintain dimensional stability in environments with fluctuating humidity up to RH100. All Rockfon Materials are warranted against manufacturing defects for 15-Years and have a declared service life of not less than 50-Years

## Material Properties



Stone wool is non-hygroscopic and provides no sustenance for microbes



Up to RH100 - No visible deflection to EN 13964  
No on-site acclimatisation required  
Not suitable for use over indoor swimming pools



Vacuum and damp cloth clean.



Light Reflectance 87% (rear side 79%). Greater than 99% light diffusion to ISO 7724-2



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



44% Recycled Content to ISO-14021. Recyclable at end-of-life



Non-combustible to AS1530.1  
Group 1 to AS5637.1:2015



LEED v4.0 Certification. Low emission



Enhanced durability and dirt resistance.  
Wet-scrub resistance: Class 1  
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



Up to 15-years warranty against manufacturing faults  
Refer to warranty and installation guidelines

## Rockfon Eclipse

### Example Specification Wording

#### AP-01 Acoustic Panel

Material: Rockfon Eclipse

Format: **1160 x 1160mm Square Panel** with A edge installed on proprietary hanging system

Finish: Smooth deep matt **white** acoustically transparent fleece to front, white backing fleece

Light Reflectance: 87% to ISO 7724-2

Moisture: RH100 sag-resistant non-hygroscopic antimicrobial stone wool core

Fire: Non-Combustible to AS1530.1 & Group 1 to AS5637.1:2015

Warranty: Up to 15-Years against manufacturing defects and visible sag

Lead Time: Custom item—Allow 14-weeks for project quantities

Sustainability: LEED v4.0 Certification

### Example Image



### Format Options\*

Edge detail	Shapes	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System
	Circle	800 x 800 x 40	3	-
		1160 x 1160 x 40	7	-
	Square		9	-
	Hexagon	6	Rockfon® System Eclipse Island™	
	Rectangle	1760 x 1160 x 40	13	-

Supplied by



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