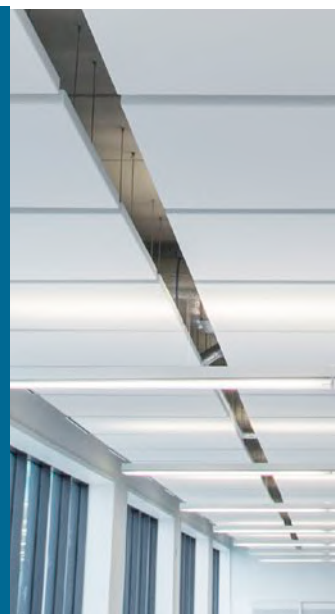




Rockfon Eclipse®

Rockfon Eclipse®

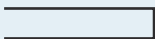



- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, deep-matt, and super white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Rockfon Eclipse is available in a variety of shaped formats with a clean minimalistic 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

ASSORTMENT

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	Recommended installation System
	Square 	1160 x 1160 x 40	9	-
	Rectangle 	1760 x 1160 x 40	13	
		2360 x 1160 x 40	17	
	Circle 	800 x 800 x 40	3	
		1160 x 1160 x 40	7	

All rectangle and square Rockfon Eclipse in custom colours are only available in a Be-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.

RETAIL

EDUCATION

OFFICE

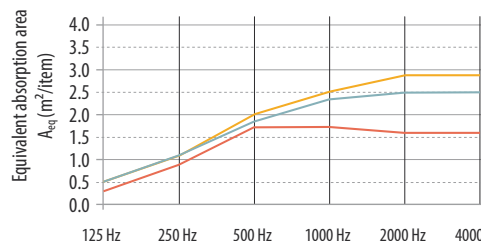
LEISURE

PERFORMANCES

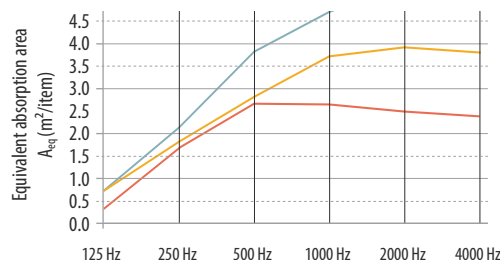


Sound absorption

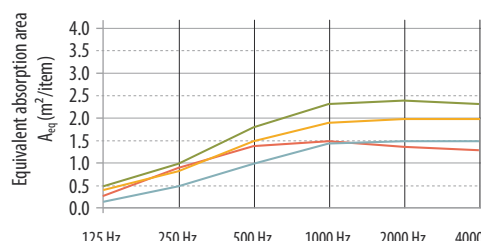
A_{eq} (m²/item)



	Square 1160 single item* (suspension height: 13 mm)	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: 13 mm)	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

* 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
Rockfon Eclipse is not suitable for
use in swimming pools or outdoors.
For more information, please
contact Rockfon.



Cleaning

- Vacuum
- Damp cloth
- 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.



Hygiene

Stone wool provides
no sustenance to
microorganisms



Surface durability

Enhanced durability and dirt
resistance.



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% at 85° angle

The gloss of the product is tested in
accordance with ISO 2813.



Environment

Fully recyclable



Indoor environment

A selection of Rockfon
products have been
awarded



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.

Understanding the unique performance of Rockfon stone wool products

Below is an explanation of ALL the performance icons and certification for our complete range of Rockfon stone wool products. For product specific performance, please refer to the information on the individual product datasheet.



Sound absorption

Sound absorption is measured in accordance with ISO 354. Sound absorption data α_p , α_w and absorption class are calculated in accordance with ISO 11654. Sound absorption properties of islands and baffles are quantified by the equivalent sound absorption area A_{eq} expressed as m^2 per item.



Room-to-room sound insulation

Room-to-room sound insulation $D_{n,f,w}$ ($C;C_{tr}$) is measured in accordance with ISO 10848-2.



Direct sound insulation

Sound reduction index R_w ($C;C_{tr}$) is measured in accordance with ISO 140-3.



Reaction to fire

Reaction to fire is classified in accordance with EN 13501-1.



Fire protection

The stone wool core of Rockfon products is non-combustible with a melting point of more than 1000°C and provides fire protection. Some Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms.



Light reflection

Light reflection expressed in % is measured in accordance with ISO 7724-2.



Humidity & sag resistance

Rockfon ceiling tiles are dimensionally stable even at humidity levels of up to 100% relative humidity and can be installed at all temperatures ranging from 0°C to 40°C. They can be installed during the very early stage of the build (when windows are not fully sealed). Their lightweight yet stable non-hygroscopic character minimises the final weight of the fully-installed ceiling. Rockfon ceiling tiles are predominantly classified as Class 1/C/0N in accordance with EN 13964. Certain module sizes (width above 700mm) are Class 2/C/0N.



Surface durability

The surface of some Rockfon products is specially treated to provide enhanced durability and dirt resistance.



Cleaning

Vacuum:

The surface can be vacuum cleaned with a soft brush attachment.

Damp cloth:

The surface can be cleaned using a damp cloth or sponge with a slightly alkaline detergent (pH between 7 and 9) without alcohol, ammonia or chlorine. This may render the surface slightly shinier, so we recommend cleaning the entire surface evenly.



Hygiene

Stone wool provides no sustenance to the following microorganisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96:

- Escherichia coli
- Staphylococcus aureus
- Methicillin-resistant staphylococcus aureus (MRSA)
- Stachybotrys chartarum
- Penicillium brevicompactum
- Alternaria tenuissima
- Aspergillus niger
- Sporobolomyces roseum
- Rhodotorula rubra



Clean room

Clean room classification is measured in accordance with ISO 14644-1.



Thermal insulation

The thermal conductivity of products with a thickness ≥ 30 mm is measured in accordance with EN 12667 and expressed in mW/mK . Thermal resistance is expressed in m^2K/W .

08.2017 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

Rockfon Shanghai

Room 1401, Summit Centre
1088, Yan'an West Rd,
Changning District
Shanghai, P.R.China (200052)
Tel. (+86) 21 6211 6725
Fax. (+86) 21 6211 3479
info@Rockfon.cn
www.cn.Rockfon.asia

Rockfon Shenzhen

No. 6 Industrial District
Tianliao Community
Guangming New Area
Shenzhen 518106 P.R.China
Tel. (+86) 755 2812 9517/
(+86) 755 2812 9518
Fax. (+86) 755 2812 9772
info@Rockfon.cn
www.cn.Rockfon.asia

Rockfon Hong Kong

Unit 2002-3, 20/F, Empress Plaza
17-19 Chatham Road South
Tsimshatsui, Kowloon,
Hong Kong
Tel. (+852) 2576 6117
Fax. (+852) 2576 6326
www.Rockfon.asia

Rockfon Malaysia

15, Jalan Gemilang 1
Taman Perindustrian
Cemerlang
81800 Ulu Tiram, Johor,
Malaysia
Tel. (+607) 8673 539
Fax. (+607) 8673 525
www.Rockfon.asia

Rockfon Singapore

No. 8, Tuas Avenue 2
Jurong Town
Singapore 639448
Tel. (+65) 6861 4722
www.Rockfon.asia