



Rockfon Eclipse™

*Acoustic islands: a whole new dimension.*

activeceilings®

ROCKWOOL  
**Rockfon**®  
ACTIVATE YOUR CEILING

# Rockfon Eclipse™

## Acoustic islands: a whole new dimension.

Rockfon Eclipse is an innovative acoustic island which offers new opportunities of correcting acoustics while bringing a whole new aesthetical dimension to the room. It can be used alone when a traditional suspended ceiling cannot be used (glass roof, historical buildings...) or as a complement to an existing ceiling for retrofitting purposes.

Trendy and stylish, Rockfon Eclipse is available in square or rectangular formats in order to bring a solution to any kind of room configuration. Frameless, it offers a minimalistic sharp edge underlined by a subtle and elegant bevel. Its smooth white surface is very long-lasting and ensures a perfect reflexion of light and heat (energy saving). Suspension accessories were also developed with design in mind. Modern and very sober they give the impression that the islands are floating in the air.

Just like every other Rockfon solution, Rockfon Eclipse offers the highest performance in sound absorption and contributes to reducing reverberation time and ambient sound level. Rockfon Eclipse therefore enables to reach the optimal level of acoustic comfort. Sound absorption is optimised thanks to the product absorbing on both sides.

Rockfon Eclipse is made of stone wool and therefore offers an excellent behaviour to fire and humidity resistance.

Rockfon Eclipse also enables to bring acoustic correction to premises using thermal mass by enabling the air to flow freely in the room. Thanks to its numerous qualities, Rockfon Eclipse fully complies with stringent requirements in terms of protection of the Environment. It is recyclable and is also stamped with the Danish Indoor Climate Label.

Fast and easy to install, Rockfon Eclipse is a very competitive island solution.


### Product description:

Rockfon Eclipse is an acoustic island made of a 40mm stone wool panel. The visible side is covered with a painted glass fleece which offers a nice smooth white surface. The back side of the island is covered with a white acoustical fleece providing excellent light and heat reflexion. The edges are painted.

### Installation:

The installation of Rockfon Eclipse acoustic islands can be done with Rockfon spiral anchors and Rockfon Eclipse suspension system. Please refer to Rockfon Eclipse installation guide for further information.

## ROCKFON ECLIPSE

Edge detail	Module size (mm)	Product code	Weight (kg/unit)	MS* / MS* easy access (mm)	Installation system
Be 	1200 x 1200 x 40	-	9	150	Spiral anchors + Rockfon Eclipse suspension system
	1800 x 1200 x 40	-	13	150	

\* MS – Minimum Suspension

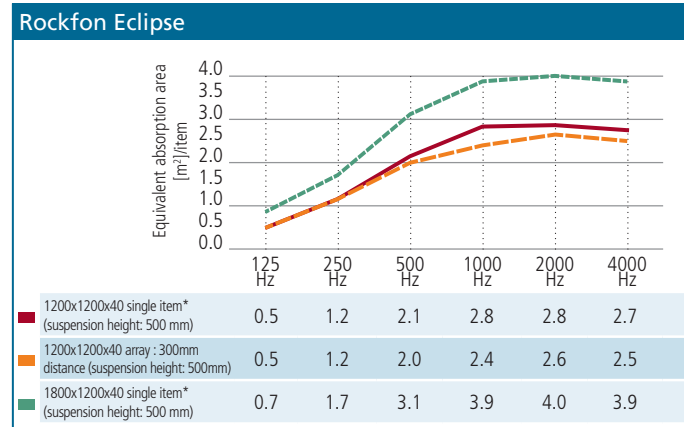
Contact us for special sizes, lead times and minimum quantities.





## SOUND ABSORPTION

Sound absorption has been measured in accordance with ISO 354. The sound absorption properties of items such as islands or baffles are quantified by the equivalent sound absorption area expressed as m<sup>2</sup> per item. This is the area of a 100% absorbing surface which would absorb the same amount of sound as the item in question.



\* distance between items superior or equal to 2 metres



## FIRE PERFORMANCE

**General:** Rockfon products have a core of stone wool. Stone wool is non-combustible with a melting point of more than 1000°C.

**Reaction to fire:** Class A1 in accordance with EN 13501-1.



## HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon Eclipse is dimensionally stable even at humidity levels of up to 100% RH and can be installed at all temperatures ranging from 0°C to 40°C. No acclimatisation is necessary.

Rockfon Eclipse is classified as class 2/C/0N in accordance with BS EN 13964.

**Corrosion resistance:** the spiral anchors used to fix Rockfon Eclipse islands consist of stainless steel type 1.4401 (grade 316) which offers an extra high resistance to corrosion under normal conditions and are suitable for application in class C3 areas (EN-ISO 12944-2). This type of stainless steel is typically used in food processing or brewery equipments, chemical and petrochemical industries, laboratory benches & equipment, medical implants. Rockfon Eclipse islands should not be used in swimming pools or outdoors.



## LIGHT REFLECTION

White: 86% diffuse light reflection in accordance with ISO 7724-2. The backside of the island is white in order to guarantee optimal light (79% in accordance with ISO 7724-2) and heat reflection.



## HYGIENE

Stone wool has no nutritional value and therefore it provides no sustenance to harmful micro-organisms.



## CLEANING

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



## ENVIRONMENT

A representative selection of Rockfon products have been awarded the Danish Indoor Climate Label and the Finnish Indoor Climate Label (M1).

Rockfon Eclipse is recyclable.