

VertiQ®

*Aesthetically pleasing, durable
and highly sound absorbent
acoustic wall panels*

activeceilings®

ROCKWOOL
Rockfon®
ACTIVATE YOUR CEILING

Aesthetically pleasing, durable and highly sound absorbent acoustic wall panels

VertiQ is an aesthetically pleasing and durable acoustic wall panel with the highest sound absorption qualities. VertiQ wall panels can improve and enhance room acoustics, when optimum acoustics cannot be provided by the ceiling itself or when the performance of the ceiling is insufficient to meet the desired regulations or performance levels.

Aesthetically pleasing and modern, VertiQ is an elegant wall panel that compliments the room architecture and fits well with the range of Rockfon ceiling solutions. It has a woven surface available in three colours, white, light grey and grey. The woven surface ensures excellent impact resistance and durability making it ideal for use in classrooms, sport activity areas, etc.

VertiQ is a flexible solution, as the panels can be installed vertically or horizontally, with no limits to wall dimensions, providing numerous design opportunities. The unique fixing bracket developed for VertiQ makes installation quick and easy and enables demounting of the panels.

VertiQ provides the highest performance in sound absorption and contributes to reducing reverberation time and creating excellent room acoustics.

VertiQ is made of stone wool and provides excellent performances in terms of fire reaction and humidity resistance.

Product description:

VertiQ is an acoustic wall solution made of a 40 mm stone wool panel. The visible surface is covered with a woven fleece, which provides an aesthetically pleasing finish with an appealing moiré structure. The rear side of the panel is covered by a back fleece. The sides are standard A-edge.

Installation:

The installation of VertiQ wall panels can be achieved with:

1. System T (impact-resistant):

T24 38 mm deep tees as intermediate profiles, J channels as perimeter trims supporting brackets and T fixing brackets for mounting direct to the wall.


2. System HAT (high impact-resistant):

1 mm thick HAT profiles as intermediate profiles and perimeter trims (alternative 1 mm thick J channels).

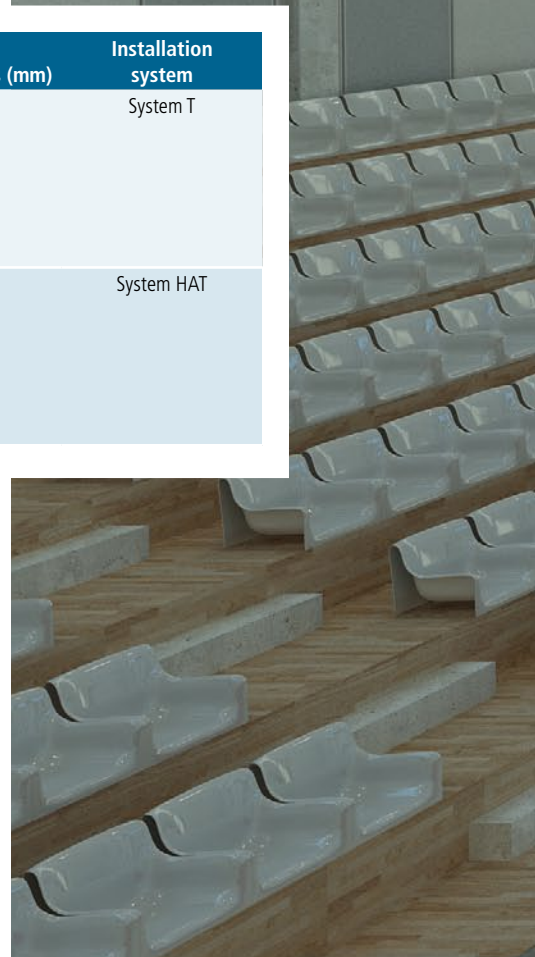
Please refer to the VertiQ system description for further information.



ASSORTMENT

Edge detail	Module size (mm)	Product code	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A24	1200 x 1200 x 40 (white)		4,8	40 / 40	System T
	2700 x 1200 x 40 (white)		4,8	40 / 40	
	1200 x 1200 x 40 (light grey)		4,8	40 / 40	
	2700 x 1200 x 40 (light grey)		4,8	40 / 40	
	1200 x 1200 x 40 (dark grey)		4,8	40 / 40	
	2700 x 1200 x 40 (dark grey)		4,8	40 / 40	
 A HAT	1200 x 1200 x 40 (white)		4,8	40 / 40	System HAT
	2700 x 1200 x 40 (white)		4,8	40 / 40	
	1200 x 1200 x 40 (light grey)		4,8	40 / 40	
	2700 x 1200 x 40 (light grey)		4,8	40 / 40	
	1200 x 1200 x 40 (dark grey)		4,8	40 / 40	
	2700 x 1200 x 40 (dark grey)		4,8	40 / 40	

* MS - Minimum Suspension





SOUND ABSORPTION

Sound absorption data has been measured in accordance with ISO 354. Sound absorption data α_p , α_w and absorption class are calculated in accordance with ISO 11654. Noise Reduction Coefficient (NRC) is calculated in accordance with ASTM C423.



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 A2-s1,d0 in accordance with EN 13501-1.



IMPACT RESISTANCE

VertiQ has been tested for mechanical impact resistance when directly mounted in System HAT. This system configuration meets the requirements of 'high impact resistant' in accordance with DIN 18032 Part 3 confirming the system's durability, functionality and safety during multiple impacts from a handball at a speed of 85 km/h and a hockey ball at a speed of 65 km/h.

VertiQ panels have also been tested for resistance to perforation and mechanical impact resistance in accordance with the NFP 08-301 standard. These tests concluded that small objects of diameter larger than 12 mm and different types of sports balls did not cause any significant visible damage, and the visual appearance was not degraded.

The impact resistance of VertiQ is high, however, it is not recommended for use in areas which are likely to be subjected to continuous high levels of impact.



HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon products are 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.

Corrosion resistance:

VertiQ panels installed in System T or System HAT should not be used in swimming pools or outdoors.



LIGHT REFLECTION

White 72%
Light grey 61%
Dark grey 33%
Diffuse light reflection in accordance with ISO 7724-2.



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).

VertiQ is recyclable.

ACTIVATE YOUR CEILING

Rockfon® develop intelligent ceiling solutions which actively address a number of important issues in modern buildings and renovation projects.

Rockfon products are known for their design, aesthetics and ease of installation; coupled with the key performance features of superior fire resistance and acoustics.

This ensures that our ceiling solutions are among the highest performing, most cost effective and time efficient in today's interiors market.

The comprehensive ceiling solution portfolio from Rockfon ensures that our customers are able to actively add value to the construction process, by ultimately creating superior interior environments.

That is why we say "ACTIVATE YOUR CEILING".

All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on licence from NCS Colour AB, Stockholm 2010.

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Rockfon

(Rockwool A/S)
Hovedgaden 501
DK-2640 Hedehusene
Denmark

Tlf: (+45) 46 56 85 45
Fax: (+45) 46 56 40 30
www.rockfon.com
export@rockfon.com

Local Rockfon dealer