

VertiQ®

Attractive yet strong and impact resistant,
highly sound absorbent acoustic wall panels



Attractive yet strong and impact resistant, highly sound absorbent acoustic wall panels

With an attractive, modern woven surface, VertiQ is an elegant wall panel that complements the room architecture and fits well with the range of Rockfon ceiling solutions. Its strong woven surface is available in four colours, white, light grey, grey and black. The woven surface ensures excellent impact resistance and durability making it ideal for use in classrooms, sport activity areas, offices, etc.

VertiQ is an extremely flexible solution, as the panels can be installed vertically or horizontally providing numerous design opportunities. VertiQ is mounted in a specially designed system, which makes installation quick and easy. By using VertiQ's special demounting tool, the panels can be demounted individually and safely.

VertiQ provides the highest performance in sound absorption and contributes to reducing reverberation time, meets desired regulation and creates excellent room acoustics. VertiQ is made of stone wool and provides excellent performances in terms of fire safety and humidity resistance.

Product description:

VertiQ is an acoustic wall solution made of a 40mm 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 is finished with a mineral glass fleece. The edges of VertiQ C are painted.

Installation:

The installation of VertiQ A wall panels can be achieved with:

1. System T (for standard impact resistance):

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

2. System HAT (for high impact resistance):

1mm thick HAT profiles as perimeter and intermediate profiles.

The installation of VertiQ C wall panels can be achieved with:

1. System Q:

Aluminium perimeter profiles fastened to the wall with fixing brackets supporting panels along the bottom, aluminium corners and connection plates.

Please refer to the VertiQ system description for further information.



ASSORTMENT

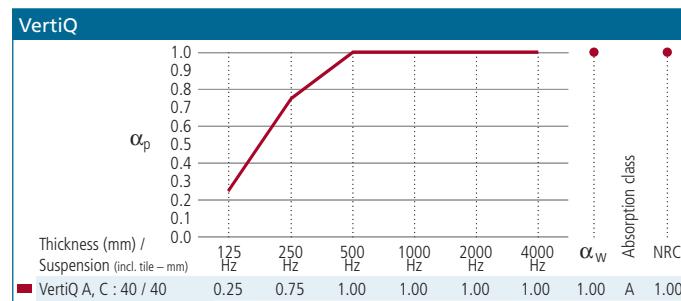
| Edge detail | Module size (mm) | Product code | Weight (kg/m ²) | Max. system thickness (mm) | Installation system |
|-------------|-------------------------------|--------------|-----------------------------|----------------------------|---------------------|
| A24 | 1200 x 1200 x 40 (white) | | 4.8 | 43 | System T |
| | 2700 x 1200 x 40 (white) | | 4.8 | 43 | |
| | 1200 x 1200 x 40 (light grey) | | 4.8 | 43 | |
| | 2700 x 1200 x 40 (light grey) | | 4.8 | 43 | |
| | 1200 x 1200 x 40 (grey) | | 4.8 | 43 | |
| | 2700 x 1200 x 40 (grey) | | 4.8 | 43 | |
| | 1200 x 1200 x 40 (black) | | 4.8 | 43 | |
| | 2700 x 1200 x 40 (black) | | 4.8 | 43 | |
| A HAT | 1200 x 1200 x 40 (white) | | 4.8 | 43 | System HAT |
| | 2700 x 1200 x 40 (white) | | 4.8 | 43 | |
| | 1200 x 1200 x 40 (light grey) | | 4.8 | 43 | |
| | 2700 x 1200 x 40 (light grey) | | 4.8 | 43 | |
| | 1200 x 1200 x 40 (grey) | | 4.8 | 43 | |
| | 2700 x 1200 x 40 (grey) | | 4.8 | 43 | |
| | 1200 x 1200 x 40 (black) | | 4.8 | 43 | |
| | 2700 x 1200 x 40 (black) | | 4.8 | 43 | |
| C | 2400 x 600 x 40 (white) | | 6.4 | 43 | System Q |
| | 2400 x 600 x 40 (light grey) | | 6.4 | 43 | |
| | 2400 x 600 x 40 (grey) | | 6.4 | 43 | |
| | 2400 x 600 x 40 (black) | | 6.4 | 43 | |





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.



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 A has been tested for mechanical impact resistance when directly mounted in System HAT. This system configuration meets the requirements of 'high impact resistance' in accordance with DIN 18032 Part 3 confirming the system's durability.

VertiQ A 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 12mm 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 A and C 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 C in System Q can be used in swimming pools provided it is not exposed to condensation, splashing water or water droplets. For further details, please contact ROCKFON.



LIGHT REFLECTION

White 72%
Light grey 61%
Grey 33%
Black 5%
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.

We believe our acoustic stone wool and metal solutions for ceilings and walls are a fast and simple way to create beautiful, comfortable and safe spaces.

Easy to install and durable, they protect people from noise and the spread of fire. They are our way of making a constructive contribution towards a sustainable future.

Create and Protect is what drives us. It means putting people first, sharing success and maintaining trust.

It's our rock-solid promise to you. At ROCKFON, Create and Protect is what we do - and it's inspired by you.

ROCKFON

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

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

Local ROCKFON dealer