



Hygienic / Hygienic Plus

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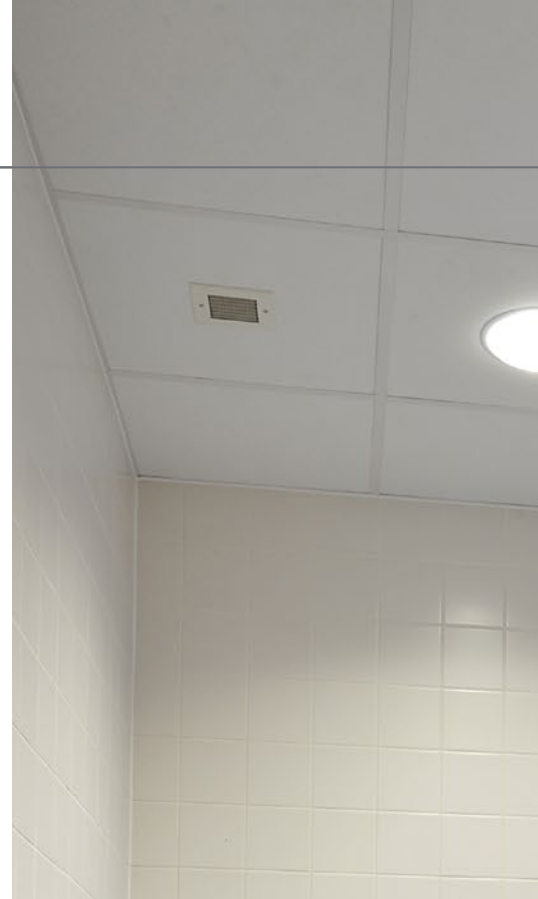
The ceiling tiles in the Hygienic range have been developed to meet the most stringent demands on hygiene and cleanability. Coupled with longevity, durability and high sound absorption, these high performance tiles are suitable for clean room type environments.

Hygienic products have a durable and special coated white surface providing high water-repellence and low dirt pick-up. Hygienic Plus has a low particle emission resulting in Clean Room Classification ISO Class 5.


Their 100 % stone wool core provides no sustenance to harmful micro-organisms.

All products in the Hygienic range will withstand frequent cleaning and will not continue dripping after the cleaning process has taken place, thus minimising downtime. Hygienic will withstand frequent low or high-pressure washing.

With its completely sealed edges, Hygienic Plus is suitable for environments with more severe cleaning exposure.



ASSORTMENT

Edge detail	Module size (mm)	Product code	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
	600 x 600 x 20	6481-0010	2.4	50 / 100	RockLink 24**
	1200 x 600 x 20	6481-0005	2.4	50 / 100	
	600 x 600 x 40	6481-0011	3.5	50 / 200	
	1200 x 600 x 40	6481-0002	3.5	50 / 200	

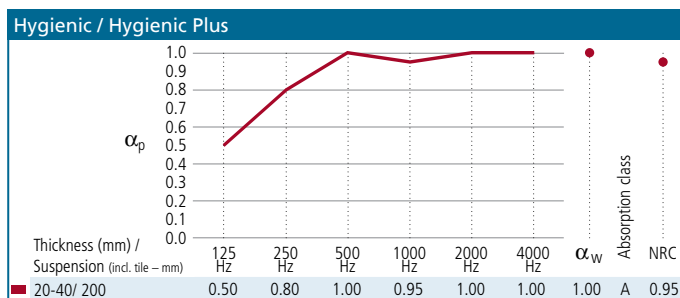
* MS - Minimum Suspension

** Also available in an Enhanced Corrosion Resistant (ECR) format for use in harsh environments e.g. swimming pool halls, kitchens etc.



SOUND ABSORPTION

Sound absorption 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 ceiling tiles 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.

Fire protection: The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes. Some sizes and edge details of Hygienic can be used with various RockLink grid systems to create a 60 minutes fire protecting ceiling in accordance with BS 476 Part 21 and Part 23. They can also be used to create a 30 minutes fire protecting membrane ceiling (integrity only) in accordance with BS 476 Part 22.





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HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon ceiling tiles 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.

Hygienic is predominantly classified as Class 1/C/0N in accordance with BS EN 13964. However, certain module sizes (width above 700mm) are Class 2/C/0N.



LIGHT REFLECTION

White, 85% 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.



CLEAN ROOM CLASSIFICATION

Particles emitted by building materials can interfere with manufacturing activities.

Due to its low particle emission, Hygienic Plus contribute positively to high level of air cleanliness required in clean room environments. Hygienic Plus is classified ISO Class 5 in accordance with ISO 14644-1, this corresponds with Class 100 of US Federal Standard 209E.



CLEANING

The surface of Hygienic / Hygienic Plus has enhanced resistance and is highly water repellent. It is treated to minimise dirt pick-up and finger marking.

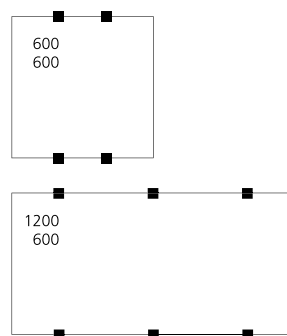
The surface can be vacuum cleaned with a soft brush attachment. It resists to detergents that do not contain organic solvents with a pH between 7 and 9. It can be disinfected with diluted solutions of chlorine, quaternary ammonium and hydrogen peroxide.

Cleaning with a sponge or damp cloth may render the surface slightly shinier and we therefore recommend cleaning the whole surface evenly for best results.

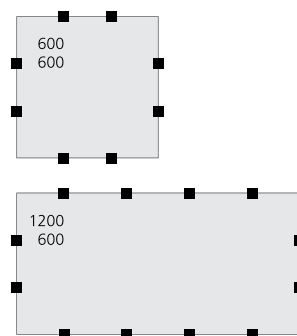
The surface can be foam cleaned at low pressure. Hygienic / Hygienic Plus can also be high pressure cleaned. Max pressure should be 80 bar at min. 1 meter distance and water should be spread at a 30 ° angle. Where high pressure cleaning is required the tiles should be clipped (see number of clips and placing overview) and sealed into the grid with a silicone sealant containing fungicide.

Hygienic / Hygienic Plus can also be cleaned and disinfected twice a year by steam cleaning following a protocol defined by experts and using an adapted surface mop.

Low stress: vacuum, low pressure, manual cleaning



High stress: high pressure cleaning



■ Clips



ENVIRONMENT

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

Hygienic / Hygienic Plus is recyclable.

We believe our acoustic ceiling and wall solutions are a fast and simple way to create beautiful, comfortable spaces. Easy to install and durable, they protect people from noise and the spread of fire while making a constructive contribution towards a sustainable future.

Create and protect is what we stand for. It's how we work. It puts people first and promotes good relations. It's about sharing success and maintaining trust.

It's our rock-solid promise to you. Because at Rockfon, create and protect is what we do – and it's inspired by you.

ROCKFON

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