

MediCare range

MediCare

MediCare Plus

MediCare Ultra

The aesthetically pleasing MediCare range is resistant to MRSA and other ubiquitous micro organisms making it fully compliant with HTM 60 ceilings and HTM 08-01 acoustics for use in healthcare applications.

activeceilings®

ROCKWOOL
Rockfon®
ACTIVATE YOUR CEILING

MediCare

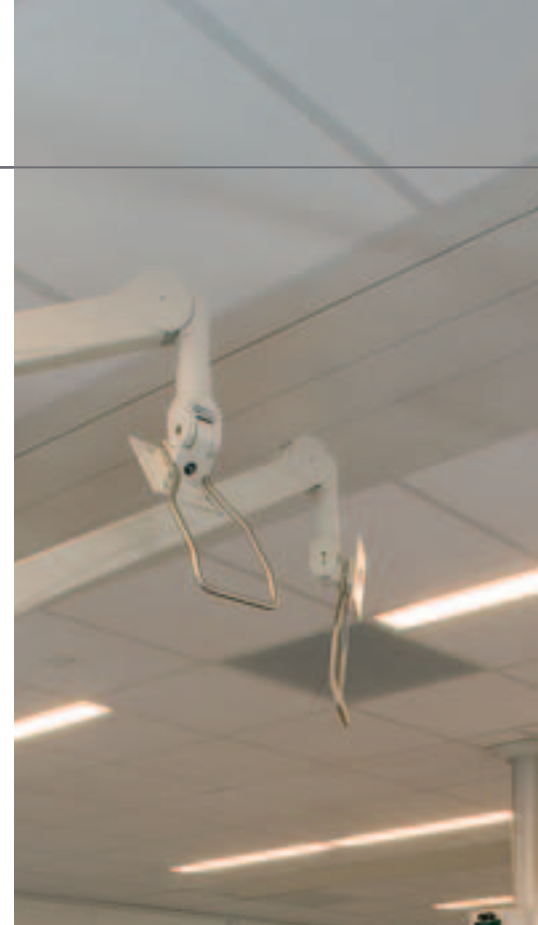
Aesthetically pleasing MediCare is resistant to MRSA and other ubiquitous micro organisms making it fully compliant with HTM 60 ceilings and HTM 08-01 acoustics for use in healthcare applications.

MediCare and MediCare Plus are HTM 60 compliant in categories 2, 3, 4, 5 and 6. MediCare Ultra is compliant in more specialist category 2 areas.




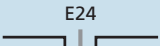
The MediCare range of tiles are all resistant to ubiquitous bacteria and fungi, in particular Staphylococcus aureus including its Methicillin resistant strain (MRSA). All MediCare tiles have smooth imperforate aesthetically pleasing surfaces. The surface of MediCare Plus is reinforced by a concealed mesh which provides enhanced impact resistance and durability.

MediCare Plus also benefits from enhanced strength and double coated edges, making it ideal for more regularly serviced areas such as corridors and streets. MediCare Ultra has a special surface that will withstand high pressure cleaning.

All MediCare products provide durable ceilings with a good whole life cost.



MediCare

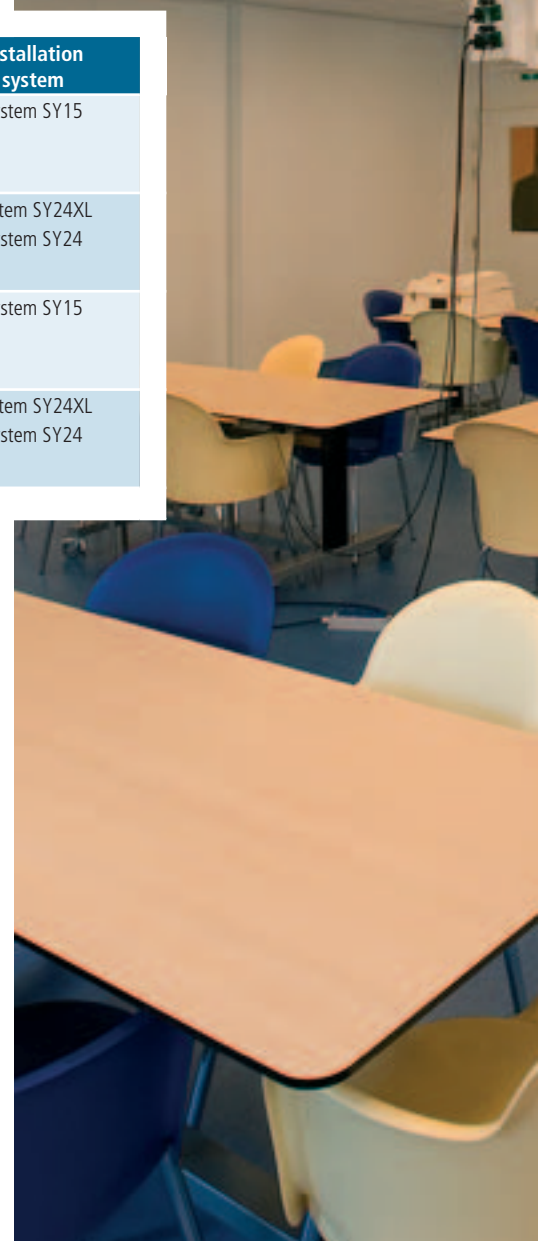
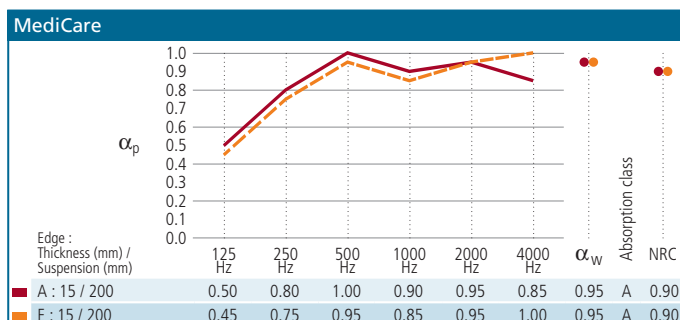
Edge detail	Module size (mm)	Weight (kg/m ²)	MS* easy access (mm)	Installation system
 A15	600 x 600 x 15	1.9	100	System SY15
 A24	600 x 600 x 15 1200 x 600 x 15	1.9 1.9	100 100	System SY24XL System SY24
 E15	600 x 600 x 15	2.5	100	System SY15
 E24	600 x 600 x 15 1200 x 600 x 15	2.5 2.5	100 100	System SY24XL System SY24

* MS - Minimum Suspension



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.



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.

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



LIGHT REFLECTION

White, 86% 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.

In general Rockfon products have been tested for resistance to micro-organisms. They were inoculated with food bouillon containing pathogenic germs and fungi, and the antibacterial effect was monitored. The tests confirmed that Rockfon products do not support the microbiological growth of the following bacteria and fungi:

- Staphylococcus aureus
- Escherichia coli
- Pseudomonas aeruginosa
- Candida albicans
- Aspergillus fumigatus



CLEAN ROOM CLASSIFICATION

MediCare is classified as Class 5 in accordance with ISO 14644-1.



CLEANING

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

The surface can also be cleaned once a week using a sponge or cloth and warm water (max. 40°C) with a slightly alkaline detergent (max. pH 10) without alcohol, ammonia or chlorine.

Cleaning with a damp sponge or 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 once a week. Spray foam onto the surface at low pressure. Let it work for 5 minutes and then sluice or wipe clean. Soap solutions should be 1:100.

The surface can be high pressure cleaned once a week. Max pressure should be 65 bar at 1 metre distance, and water should be spread at a 30° angle. Soap solutions should be 1:100. Where high pressure cleaning is required the tiles can be clipped and sealed into the grid with a silicone sealant containing fungicide.



AFTERCARE

The tiles can be treated with Rockfon finishing paint, PVA water-based special paint with safety code 00-1, applied in the correct amount with an airless spray with good capacity. The surface of the tiles must be clean and dry and the existing paint surface must be firmly adhered to the tile prior to refinishing.

Heavily discoloured tiles should be replaced.

The painting of acoustic tiles reduces the sound absorption by approximately 10%.



ENVIRONMENT

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

MediCare is recyclable.

MediCare Plus

MediCare Plus benefits from all the properties of MediCare, with specially coated edges resulting in enhanced durability and impact resistance, making it suitable for more frequent removal and reinstallation.

MediCare Plus

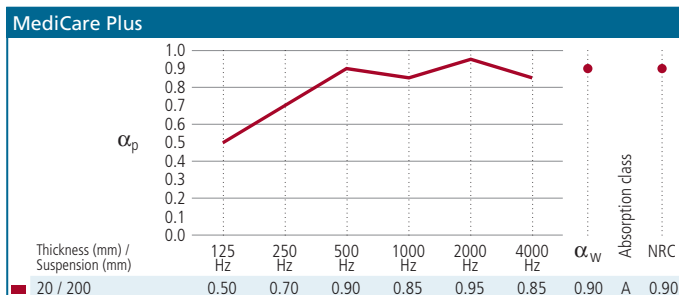
Edge detail	Module size (mm)	Weight (kg/m ²)	MS* easy access (mm)	Installation system
 A24	600 x 600 x 20	2.4	100	System SY24XL
	1200 x 600 x 20	2.4	100	System SY24

* MS - Minimum Suspension



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 All 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.



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.

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



LIGHT REFLECTION

White, 86% 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.

In general Rockfon products have been tested for resistance to micro-organisms. They were inoculated with food bouillon containing pathogenic germs and fungi, and the antibacterial effect was monitored. The tests confirmed that Rockfon products do not support the microbiological growth of the following bacteria and fungi:

- Staphylococcus aureus
- Escherichia coli
- Pseudomonas aeruginosa
- Candida albicans
- Aspergillus fumigatus



CLEAN ROOM CLASSIFICATION

MediCare Plus is classified as Class 5 in accordance with ISO 14644-1.



CLEANING

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

The surface can also be cleaned once a week using a sponge or cloth and warm water (max. 40°C) with a slightly alkaline detergent (max. pH 10) without alcohol, ammonia or chlorine. Cleaning with a damp sponge or cloth may render the surface slightly shinier and we therefore recommend cleaning the whole surface evenly for best results.



AFTERCARE

The tiles can be treated with Rockfon finishing paint, PVA water-based special paint with safety code 00-1, applied in the correct amount with an airless spray with good capacity. The surface of the tiles must be clean and dry and the existing paint surface must be firmly adhered to the tile prior to refinishing.

Heavily discoloured tiles should be replaced.

The painting of acoustic tiles reduces the sound absorption by approximately 10%.



ENVIRONMENT


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

MediCare Plus is recyclable.

MediCare Ultra

The ultimate tile in the MediCare range, MediCare Ultra has an enhanced surface which will withstand high pressure cleaning.

MediCare Ultra

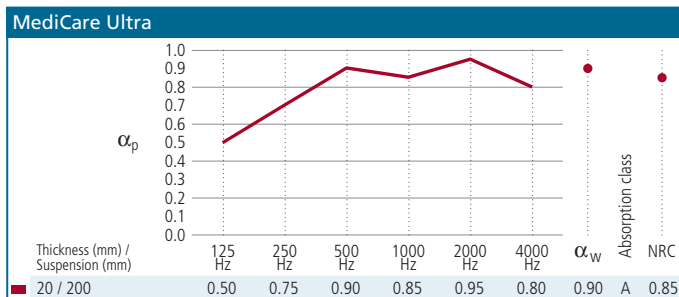
Edge detail	Module size (mm)	Weight (kg/m ²)	MS* easy access (mm)	Installation system
 A24	600 x 600 x 20	2.4	100	System SY24XL
	1200 x 600 x 20	2.4	100	System SY24

* MS - Minimum Suspension



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 A2-s1,d0 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.





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.

MediCare Ultra is predominantly classified as Class 1/C/ON in accordance with EN 13964. However, certain module sizes (width above 700mm) are Class 2/C/ON.



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.

In general Rockfon products have been tested for resistance to micro-organisms. They were inoculated with food bouillon containing pathogenic germs and fungi, and the antibacterial effect was monitored. The tests confirmed that Rockfon products do not support the microbiological growth of the following bacteria and fungi:

- Staphylococcus aureus
- Escherichia coli
- Pseudomonas aeruginosa
- Candida albicans
- Aspergillus fumigatus

MediCare Ultra products have also been tested for both bacterial and fungal resistance in accordance with BS 3900 Part G6. The tests confirmed that the products do not support the growth of the following ubiquitous bacteria and fungi:

- Streptomyces rubrircetuli
- Streptoverticillium reticulum
- Phoma herbarum
- Aspergillus niger
- Penicillium chrysogenum
- Aspergillus versicolor
- Aureobasidium pullulans
- Penicillium funiculosum



CLEAN ROOM CLASSIFICATION

MediCare Ultra is classified as Class 5 in accordance with ISO 14644-1.



CLEANING

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

The surface can also be cleaned once a week using a sponge or cloth and warm water (max. 40°C) with a slightly alkaline detergent (max. pH 10) without alcohol, ammonia or chlorine.

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

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ENVIRONMENT

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

MediCare Ultra 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".

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