



MediCare range

The MediCare range comprises four solutions which are fully compliant with HBN 00-10 and Acoustics: TDM 4032:0.6 together with HTM60 ceilings for use in healthcare applications. MediCare ceilings are resistant to MRSA, easy to clean and disinfect, while being aesthetically pleasing and offering the inherent benefits of Rockfon stone wool ceilings.





Overview of the MediCare range

	Entrance halls, corridors and stairwells	Registration, Information areas and waiting rooms	Offices, consultation, treatment and examination rooms	Emergency rooms and operating theatres	Patient rooms and wards	High-risk patient rooms and wards, kitchens and cleanrooms	Food service, cafeteria and common areas	Toilets and wetrooms
MediCare Standard	•	•	•		•		•	•
MediCare Plus	•	•	•	•	•		•	•
MediCare Air				•	•			
MediCare Block				•		•		

	MediCare Standard	MediCare Plus	MediCare Air	MediCare Block
Dimensions (mm)	A15/A24 600 x 600 x 15 1200 x 600 x 15 E15/E24 600 x 600 x 15 1200 x 600 x 15	A24 600 x 600 x 20 1200 x 600 x 20 1800 x 600 x 20 2100 x 600 x 25 2400 x 600 x 25 E24 600 x 600 x 20 X 600 x 600 x 22	A24 600 x 600 x 25 1200 x 600 x 25	A24 600 x 600 x 25 1200 x 600 x 25
Edges	A, E	A, E, X	A	A
Edge treatment	Painted	Sealed	Sealed	Encased
Weight (kg/m²)	2.0 (A, 15 mm) 2.2 (E, 15 mm)	2.2 (A, 20 mm) 2.7 (A, 25 mm) 2.8 (E, 20 mm) 3.7 (X, 22 mm)	2.7	2.0
Sound absorption (α_w)	15 mm: 0.95/Class A	1.00/Class A	0.80/Class B	0.85/Class B
Reaction to fire	A1	A1	A1	B-s1,d0
Light reflection	86%	85%	85%	74%
Humidity resistance	Up to 100% RH	Up to 100% RH	Up to 100% RH	Up to 100% RH
Air pressure control	–	–	Can be used in areas with differential pressure	Can be used in areas with differential pressure
Hygiene	Bacteriological Class: B5 and B10	Bacteriological Class: B1	Bacteriological Class: B1 and B5	Bacteriological Class: B1 Encased within an inert air- and watertight film
Clean room classification	ISO Class 5	ISO Class 4	ISO Class 3	ISO Class 2
Cleaning	Vacuum cleaning Damp cloth	Vacuum cleaning Damp cloth Dry steam cleaning	Vacuum cleaning Damp cloth Dry steam cleaning	Vacuum cleaning Damp/wet cloth Dry steam cleaning
Disinfection	–	Ammonia Chlorine Quaternary ammonium Hydrogen peroxide Steam cleaning	Ammonia Chlorine Quaternary ammonium Hydrogen peroxide Steam cleaning	Many aggressive detergents and disinfectants, see "Chemical resistance" under MediCare Block later in this document

MediCare® Standard

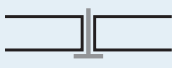



Aesthetic acoustic ceiling solution for areas with essential hygiene and cleaning requirements

MediCare Standard is HTM 60 compliant in categories 2, 3, 4, 5 and 6. MediCare Standard is a cost-effective solution for areas with essential hygiene and cleaning requirements such as wards, administration, waiting areas and nursing offices. It offers high sound absorption providing acoustic comfort to personnel, patients and visitors. MediCare Standard has obtained Bacteriological Class B5 and B10 which fulfils the requirements of the very high-risk zones defined in NF S 90-351. MediCare Standard does not contribute to the growth of MRSA. It has a low particle emission resulting in Clean Room Classification ISO Class 5. MediCare Standard can be easily cleaned with a dry or damp cloth.

Product description:

MediCare Standard is an acoustic ceiling made of a 15 mm thick stone wool panel. The visible surface is covered with a white painted fleece providing an aesthetically pleasing finish. The rear side of the panel is covered by a back fleece. The edges are painted.

ASSORTMENT

Edge	Module size (mm)	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A15	600 x 600 x 15	2.0	50 / 100	RockLink 15**
	1200 x 600 x 15	2.0	50 / 100	
 A24	600 x 600 x 15	2.0	50 / 100	RockLink 24** RockLink 24 FasTrac
	1200 x 600 x 15	2.0	50 / 100	
 E15	600 x 600 x 15	2.2	58 / 100	RockLink 15**
	1200 x 600 x 15	2.2	58 / 100	
 E24	600 x 600 x 15	2.2	58 / 100	RockLink 24** RockLink 24 FasTrac
	1200 x 600 x 15	2.2	58 / 100	

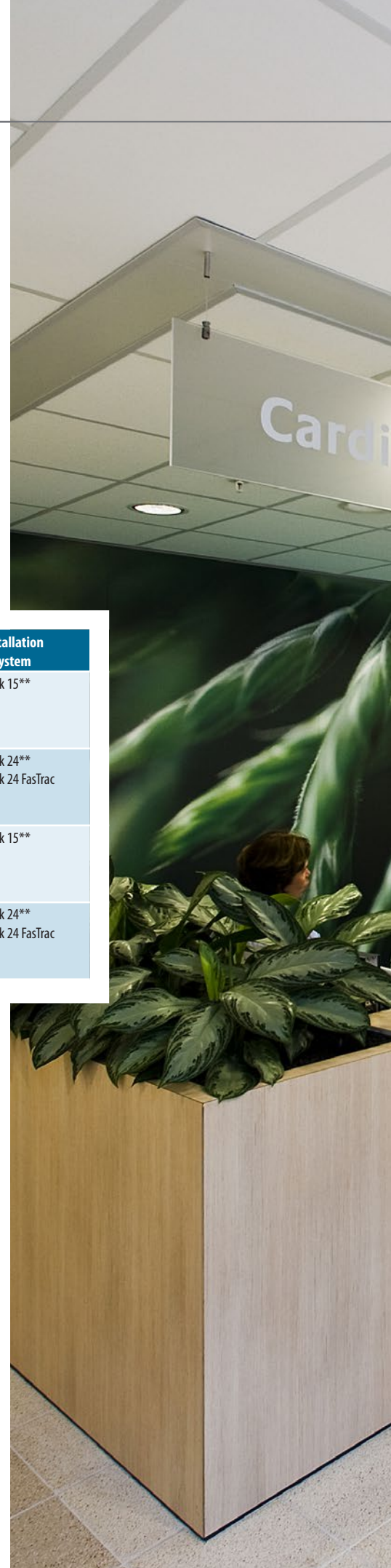
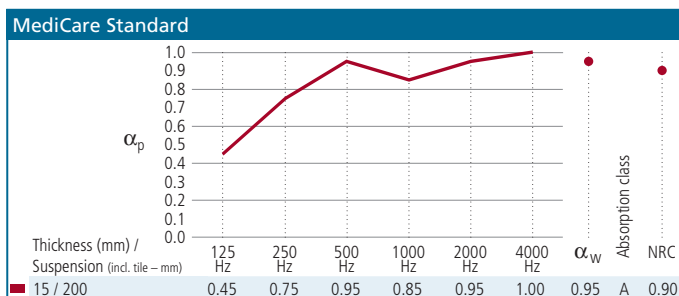
* MS - Minimum Suspension

** Also available in Enhanced Corrosion Resistant (ECR) format for use in harsh environments eg. 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.





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.

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 MediCare Standard can be used with various RockLink grid systems to create a 30 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.



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.

MediCare Standard 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 provides no sustenance to the following micro-organisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96:

- Eschericia coli
- Staphylococcus aureus
- Alternaria tenuissima
- Sporobolomyces roseum
- Methicillin-resistant staphylococcus aureus (MRSA)
- Stachybotrys chartarum
- Penicillium brevicompactum
- Aspergillus niger
- Rhodotorula rubra

MediCare Standard has been tested with the following micro-organisms and has obtained the bacteriological class B5 and B10, which fulfils the requirements of Zone 4 as defined in NF S 90-351:

- Methicillin-resistant staphylococcus aureus (MRSA): bacteria resistant to antibiotics and responsible for post-surgery infections and septicaemias.
- Candida albicans: yeast responsible for skin infections and pneumonias.
- Aspergillus niger: mould responsible for pneumonias.



CLEAN ROOM CLASSIFICATION

Particles emitted by building materials can increase the risk of infection spreading in Healthcare buildings. Due to its low particle emission, MediCare Standard meets stringent requirements for air cleanliness. MediCare Standard is classified ISO Class 5 in accordance with ISO 14644-1. The clean room classification of MediCare Standard fulfils the requirements of Zone 4 as defined in NF S 90-351.



CLEANING

The surface of MediCare Standard has enhanced resistance.

The surface can be vacuum cleaned with a soft brush attachment. It can also be cleaned using a damp cloth with cold or warm water (max. 40°C) with a slightly alkaline detergent (pH between 7 and 9) without alcohol, ammonia or chlorine. 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.



ENVIRONMENT

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

MediCare Standard is recyclable.



MediCare® Plus

Durable, acoustic ceiling solutions that fulfil stringent hygiene requirements in heavily serviced healthcare environments




MediCare Plus is HTM 60 compliant in categories 2, 3, 4, 5 and 6. MediCare Plus is recommended for areas with more stringent hygiene and cleaning/disinfection requirements, such as accident and emergency rooms, delivery rooms, small surgery, radiology, laboratories and corridors. It offers the highest sound absorption value in the market. MediCare Plus has obtained a Bacteriological Class B1, beyond the requirements of the very high risk zones as defined in NF S 90-351. MediCare Plus does not contribute to the growth of MRSA. It has a low particle emission resulting in Clean Room Classification ISO Class 4.

Medicare Plus offers design freedom to architects thanks to its exposed and concealed edges, available in a range of sizes to include up to 2.4m to span corridor widths. It has sealed edges and a water repellent surface that is resistant to the most common detergents and disinfectants, and can also be effectively disinfected by steam cleaning.

Product description:

MediCare Plus is an acoustic ceiling made of a 20-25 mm thick stone wool panel. The visible surface is covered with a white painted water-repellent fleece providing an aesthetically pleasing finish and ease of cleaning. The rear side of the panel is covered by a back fleece. The edges are sealed.

ASSORTMENT

Edge	Module size (mm)	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A24	600 x 600 x 20	2.2	50 / 100	RockLink 24**
	1200 x 600 x 20	2.2	50 / 100	RockLink 24 FasTrac
	1800 x 600 x 20	2.2	50 / 100	Rockfon System MaxiSpan
	2100 x 600 x 25	2.7	50 / 100	
	2400 x 600 x 25	2.7	50 / 100	
 E24	600 x 600 x 20	2.8	60 / 100	RockLink 24**
 X	600 x 600 x 22	3.7	31 / 31	RockLink 24** RockLink 24 FasTrac Rockfon System X

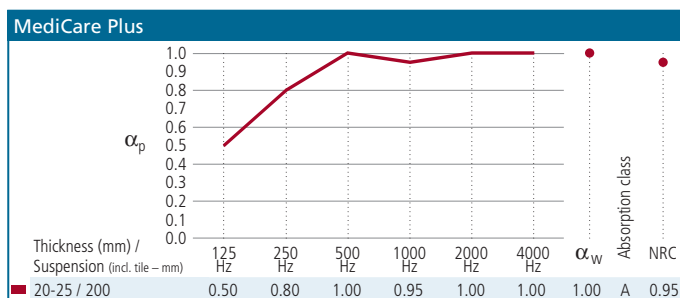
* MS - Minimum Suspension

** Also available in Enhanced Corrosion Resistant (ECR) format for use in harsh environments eg. 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.





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.

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 MediCare Plus 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.



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.

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, 85% diffuse light reflection in accordance with ISO 7724-2.



HYGIENE

Stone wool provides no sustenance to the following micro-organisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96:

- Escherichia coli
- Staphylococcus aureus
- Alternaria tenuissima
- Sporobolomyces roseum
- Methicillin-resistant staphylococcus aureus (MRSA)
- Stachybotrys chartarum
- Penicillium brevicompactum
- Aspergillus niger
- Rhodotorula rubra

MediCare Standard has been tested with the following micro-organisms and has obtained the bacteriological class B1, which fulfils the requirements of Zone 4 as defined in NF S 90-351:

- Methicillin-resistant staphylococcus aureus (MRSA): bacteria resistant to antibiotics and responsible for post-surgery infections and septicaemias.
- Candida albicans: yeast responsible for skin infections and pneumonias.
- Aspergillus niger: mould responsible for pneumonias.

MediCare Plus can be effectively disinfected by steam cleaning. The bactericidal and fungicidal effect of steam cleaning on MediCare Plus has been tested. It meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



CLEAN ROOM CLASSIFICATION

Particles emitted by building materials can increase the risk of infection spreading in healthcare buildings. Due to its low particle emission, MediCare Plus meets stringent requirements for air cleanliness.

The MediCare Plus surface is classified ISO Class 4 in accordance with ISO 14644-1. The clean room classification of MediCare Plus fulfils the requirements of Zone 4 as defined in NF S 90-351.



CLEANING

The surface of MediCare Plus has enhanced resistance and is highly water-repellent. It is treated to minimise dirt pick-up and finger marking – this being essential for ease of installation and frequent demounting for access to services.

The surface can be vacuum cleaned with a soft brush attachment and it resists diluted solutions of the following: ammonia, 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. MediCare 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.



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® Air

A ceiling solution specifically developed for use in pressurised healthcare areas

MediCare Air is suitable for high-risk areas where air pressure is controlled to prevent the spread of infections such as operating theatres, recovery rooms and intensive care. It has Bacteriological Class B1 and B5, beyond the requirements of the very high-risk zones defined in NF S 90-351. MediCare Air does not contribute to the growth of MRSA. It has a low particle emission resulting in Clean Room Classification ISO Class 3. MediCare Air has an air-tight backing membrane and sealed edges which, when combined with MediCare clips, provides an airtight ceiling system. It features a water-repellent surface and can also be effectively disinfected by steam cleaning.

Product description:

MediCare Air is an acoustic ceiling made of a 25 mm thick stone wool panel. The visible surface is covered with a white painted water-repellent fleece which provides an aesthetically pleasing finish and ease of cleaning. The rear side of the panel is covered by an airtight high-performance membrane. The edges are sealed.

ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A24	600 x 600 x 25	2.7	50 / 100	RockLink 24**
	1200 x 600 x 25	2.7	50 / 100	RockLink 24 FasTrac

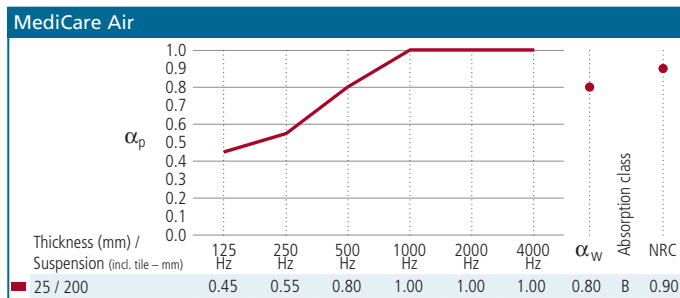
* MS - Minimum Suspension

** Also available in Enhanced Corrosion Resistant (ECR) format for use in harsh environments eg. 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.



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.

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 MediCare can be used with various RockLink grid systems to create a 30 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.





AIR PRESSURE CONTROL

MediCare Air can be used in areas where differential pressure is required to prevent infections spreading. Due to its airtight high performance membrane on the back and its sealed edges, MediCare Air, in combination with MediCare clips (8 fixing points per 600x600 tile), provides the airtightness needed to maintain air pressure at a given level. MediCare Air has been tested under a pressure range of 5 to 40 Pa and achieved an air leakage rate of less than 0,5 m³/h/m²/Pa. ROCKFON recommends the addition of closed cell neoprene foam tape on the grid system to improve performance in areas where air pressure requirements are more stringent. For more details, please contact ROCKFON.



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.

MediCare Air 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, 85% diffuse light reflection in accordance with ISO 7724-2.



HYGIENE

Stone wool provides no sustenance to the following micro-organisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96:

- Escherichia coli
- Staphylococcus aureus
- Alternaria tenuissima
- Sporobolomyces roseum
- Methicillin-resistant staphylococcus aureus (MRSA)
- Stachybotrys chartarum
- Penicillium brevicompactum
- Aspergillus niger
- Rhodotorula rubra

MediCare Air has been tested with the following micro-organisms and has obtained the bacteriological class B1 and B5, which fulfils the requirements of Zone 4 as defined in NF S 90-351:

- Methicillin-resistant staphylococcus aureus (MRSA): bacteria resistant to antibiotics and responsible for post-surgery infections and septicaemias.
- Candida albicans: yeast responsible for skin infections and pneumonias.
- Aspergillus niger: mould responsible for pneumonias.

MediCare Air can be effectively disinfected by steam cleaning. The bactericidal and fungicidal effect of steam cleaning on MediCare Air has been tested. It meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



CLEAN ROOM CLASSIFICATION

Particles emitted by building materials can increase the risk of infection spreading in healthcare buildings. Due to its low particle emission, MediCare Air meets stringent requirements for air cleanliness.

The MediCare Air surface is classified ISO Class 3 in accordance with ISO 14644-1. The clean room classification of MediCare Air fulfills the requirements of Zone 4 as defined in NF S 90-351.



CLEANING

The surface of MediCare Air has enhanced resistance and is highly water-repellent. It is treated to minimise dirt pick-up and finger marking – this being essential for ease of installation and frequent demounting for access to services.

The surface can be vacuum cleaned with a soft brush attachment, and it resists diluted solutions of the following: ammonia, 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. MediCare Air can also be cleaned and disinfected twice a year by steam cleaning following a protocol defined by experts and using an adapted surface mop.



ENVIRONMENT

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

MediCare Air is recyclable.

MediCare® Block

A ceiling tile with very good cleanability properties, developed for use in high-risk areas

MediCare Block is suitable for high-risk areas where air pressure is controlled to prevent the spread of infections and where high cleanability standards are required such as operating theatres, emergency rooms, washing facilities and intensive care. MediCare Block has Bacteriological Class B1, beyond the requirements of the very high-risk zones defined in NF S 90-351. It has very low particle emission resulting in Clean Room Classification ISO Class 2. Clean rooms in classes 1-4 have per definition a high number of air filters; as a consequence, suspended ceilings are seldom used for these areas.

MediCare Block is fully encapsulated with an air and watertight inert film which, when combined with demountable MediCare clips, provides an airtight ceiling system. It has chemical resistance classification 'Excellent' according to VDI 2083 Part 17 on several aggressive detergents and disinfectants which are used in cleanrooms.

Product description:

MediCare Block is an acoustic ceiling comprising a fully encapsulated 25 mm thick mineral wool core. The tile is encapsulated with an air and watertight inert film, providing an aesthetically pleasing finish and ensuring ease of cleaning.

ASSORTMENT

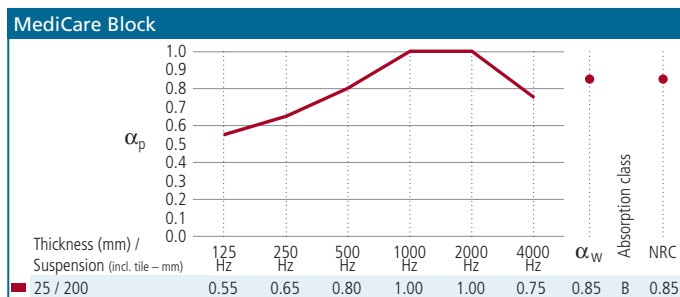
Edge detail	Module size (mm)	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
A24	600 x 600 x 25 1200 x 600 x 25	2.0 2.0	50 / 100 50 / 100	RockLink 24 ECR RockLink 24 ECR FasTrac

* 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.



FIRE PERFORMANCE

Reaction to fire: Class B-s1,d0 in accordance with EN 13501-1.





AIR PRESSURE CONTROL

MediCare Block can be used in areas where differential pressure is required to prevent infections spreading. Due to its airtight high performance film, MediCare Block, in combination with MediCare clips (8 fixing points per 600x600 tile), provides the airtightness needed to maintain air pressure at a given level. MediCare Block has been tested under a pressure range of 5 to 40 Pa and achieved an air leakage rate of less than 0,5 m³/h/m²/Pa. For more details, please contact ROCKFON.



HUMIDITY RESISTANCE

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.



LIGHT REFLECTION

White, 74% diffuse light reflection in accordance with ISO 7724-2.



HYGIENE

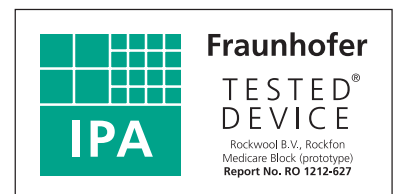
MediCare Block has been tested with the following micro-organisms and has obtained the bacteriological class B1, which is beyond the requirements of Zone 4 as defined in NF S 90-351:

- Methicillin-resistant staphylococcus aureus (MRSA): bacteria resistant to antibiotics and responsible for post-surgery infections and septicaemias.
- Candida albicans: yeast responsible for skin infections and pneumonias.
- Aspergillus niger: mould responsible for pneumonias.



CLEAN ROOM CLASSIFICATION

Particles emitted by building materials can increase the risk of infection spreading in Healthcare buildings. Due to its low particle emission, MediCare Block meets stringent requirements for air cleanliness. MediCare Block is classified ISO Class 2 in accordance with ISO 14644-1. The clean room classification of MediCare Block fulfils the requirements of Zone 4 as defined in NF S 90-351.



CLEANING

The surface of MediCare Block has enhanced resistance and is highly water-repellent.

The surface can be cleaned daily using dry steam cleaning or by using a damp/wet cloth.



Chemical resistance

Tests were carried out in accordance with ISO 2812-1 ("Determination of resistance to liquids - Part 1: Immersion in liquids other than water") and classification in accordance with VDI 2083 Part 17. Results are classified as 'Excellent' with the following detergents and disinfectants:

- | | |
|---------------------------|-----------------------------|
| – Formalin (37%) | – Ammoniac (25%) |
| – Hydrogen peroxide (30%) | – Sulfuric acid (5%) |
| – Phosphoric acid (30%) | – Peracetic acid (15%) |
| – Hydrochloric acid (5%) | – Isopropanol (100%) |
| – Sodium hydroxide (5%) | – Sodium hypochlorite (15%) |



ENVIRONMENT

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

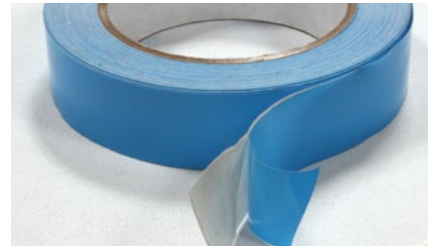
Substantial portions of MediCare Block are recyclable.

MediCare® accessories

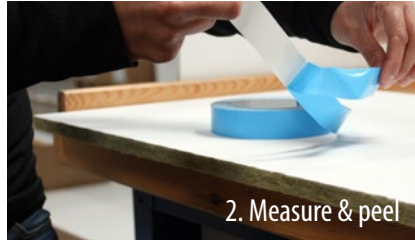
Sealing tape for MediCare Air

To seal custom-cut tiles, ROCKFON provides a white glass fibre cloth acrylic adhesive tape with PE liner. It has good adhesion on stone wool and eliminates fibre emission and dust which is essential in healthcare environments where particle emission must be avoided. It is quick and easy to use. The

sealing tape is air-tight as well as abrasion and humidity resistant. It is 38 mm wide and supplied in 33 m rolls.



1. Cut



2. Measure & peel



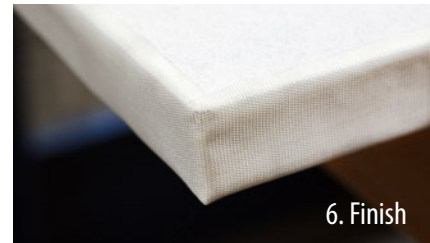
3. Align centred



4. Press



5. Form-fold corner

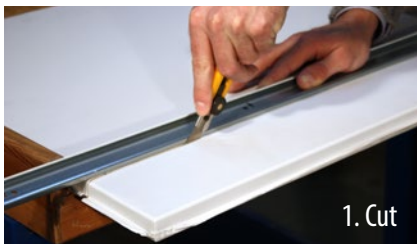
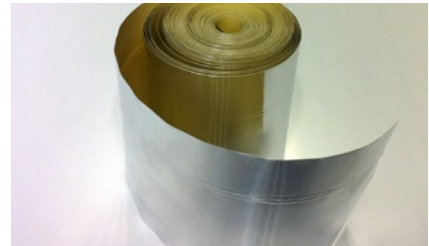


6. Finish

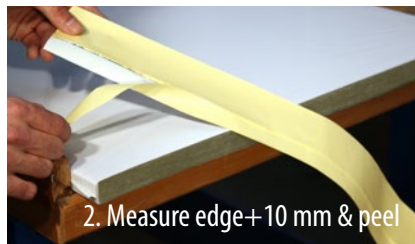
Sealing tape for MediCare Block

To seal custom-cut tiles, ROCKFON provides an aluminium foil adhesive tape. It has good adhesion on the panel and eliminates fibre emission and dust which is essential in healthcare environments where particle

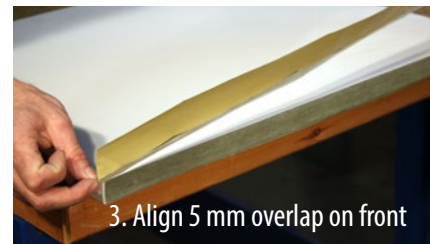
emissions must be avoided. It is quick and easy to use. The sealing tape is air-tight as well as abrasion and humidity resistant. It is 75 mm wide and supplied in 50 m rolls.



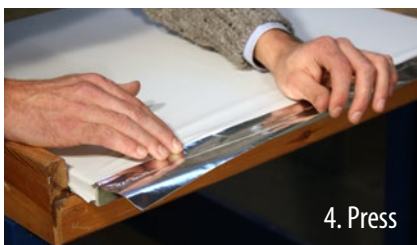
1. Cut



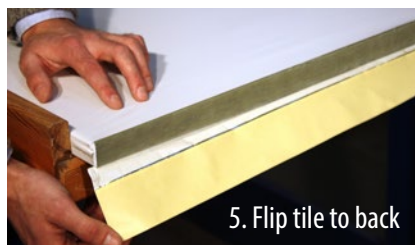
2. Measure edge+10 mm & peel



3. Align 5 mm overlap on front



4. Press



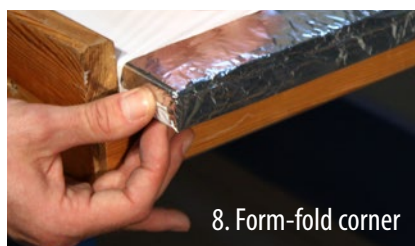
5. Flip tile to back



6. Peel



7. Fold up & press



8. Form-fold corner



9. Flip tile to front & finish

Clips

It may be necessary to secure MediCare ceiling tiles on the grid system for some specific applications such as mechanical cleaning/disinfection of the tiles or in pressurized areas where air-tightness is required. ROCKFON recommends placing clips 150 mm from the corners, spacing additional clips evenly between them: 8 fixing points for 600 x 600 mm panels and 12 fixing points for 1200 x 600 mm. The air-tightness of MediCare Air and MediCare Block has been documented.

ROCKFON recommends the use of MediCare clips. Three types of clips are available:

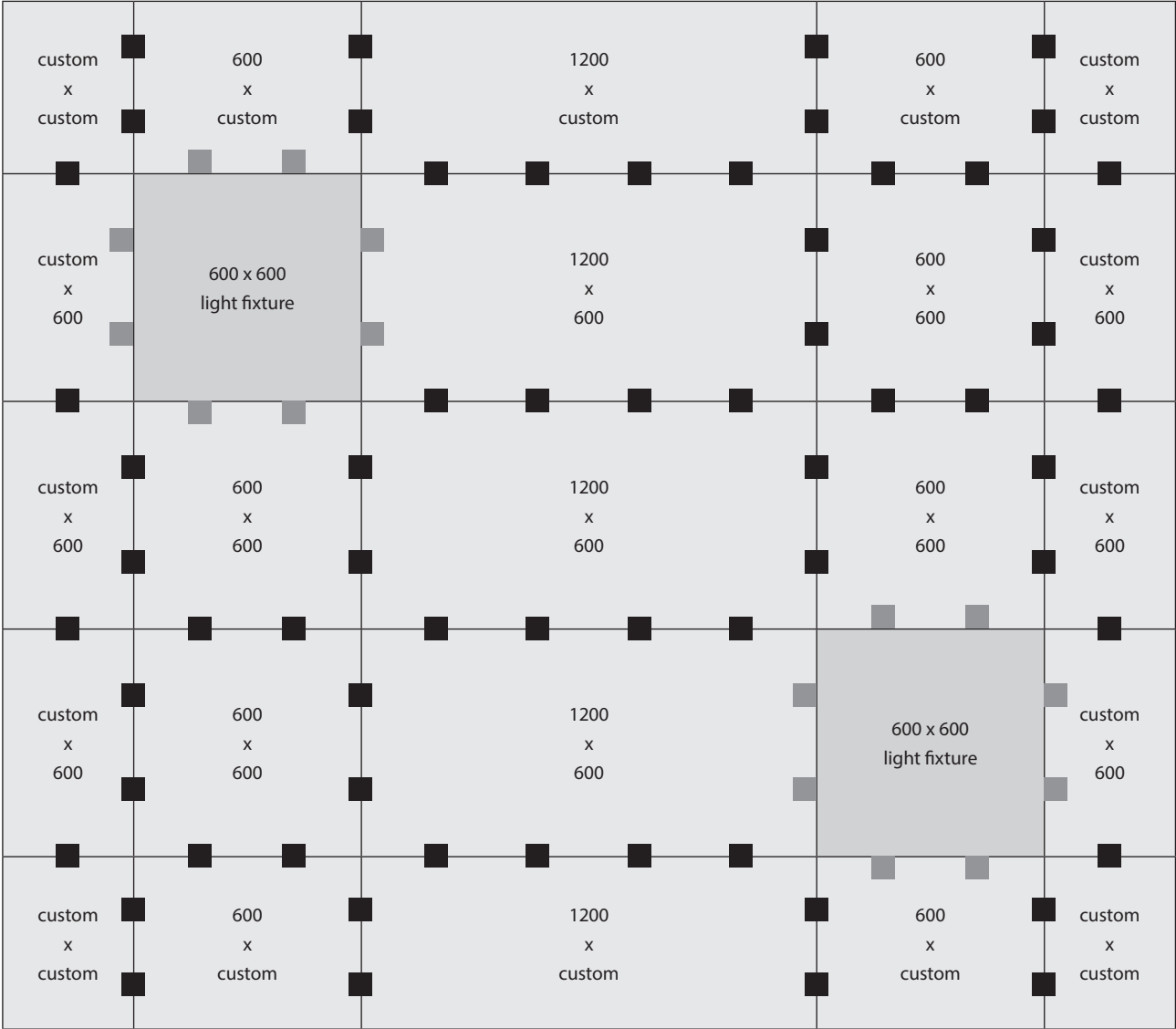
1. MediCare plastic clips
2. MediCare stainless steel clips (Single)
3. MediCare stainless steel clips (Double)

MediCare plastic clips can be used with 20-25 mm thick panels on grids with a height of 32 mm and 38 mm and can be manually altered to function as single clips.

MediCare steel clips are available in single or double versions. They can be used with 25 mm thick panels on grids with a height of 32 mm and 38 mm. When using steel clips on 32 mm grid, extra care must be taken pressing the clips down.

ROCKFON recommends affixing custom-cut panels along the perimeter trim with an appropriate silicone sealant.

Recommended clip layout



Single steel clip (used where tiles meet fixtures)



Double steel (used where tiles meet tiles)



Plastic clip (used where tiles meet tiles)

MediCare® accessories

Air-tight inspection hatch

ROCKFON has developed an air-tight inspection hatch in which a ROCKFON ceiling tile (MediCare Plus / MediCare Air surface) is glued into the hatch for a more uniform ceiling surface and better acoustics.

The hatch is made of galvanised steel powder-coated white. It is fitted with 2 locking mechanisms and is suitable for RockLink 24 exposed grid, lay-in ceilings. It is available in 600 x 600 mm.

A polyester gasket seal ensures air-tightness between the hatch's frame and door.

The frame of the hatch sits behind the T-grid. Although it is fairly light (5.25 kg including tile), additional hangers on the grid may be necessary to improve stability depending on the installation system. The access hatch should be independently

supported and braced to prevent the panel's additional weight, and operating forces exerted on it during installation and operation, being transferred to the lightweight ceiling system.

If damaged, the ceiling panel can easily be replaced with a new panel by demounting the locks.

Air-tightness of the inspection hatch in combination with MediCare Air is documented. The use of neoprene foam tape on the grid or grid with pre-applied gasket seal is recommended to improve air-tightness performance of the entire ceiling / hatch system.

A summary of the results is available upon request. For further information, please contact ROCKFON.



Uniform ceiling surface and easy opening



Easy access to services

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

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