



Sonar® range

A comprehensive range of aesthetically pleasing durable tiles with a micro-textured surface, strong edges and excellent acoustics, available in a wide variety of sizes and edges which meet the highest fire safety and sound absorption regulations.



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The Rockfon Sonar range provides extensive design freedom. It is suited for a multitude of spaces such as offices, retail environments, classrooms and cleanrooms. Rockfon Sonar offers the unique combination of the highest fire safety, Fire Class A1, and acoustic comfort, Class A sound absorption, providing peace of mind as well as peace and quiet.


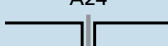



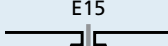
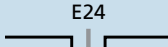

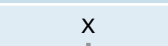
Sonar is available in many different module sizes and edge details, offering a large number of design options and installation solutions,

altogether providing more flexibility and much more scope for obtaining the ultimate from suspended ceiling solutions.

Sonar tiles are produced using a patented technology, ensuring razor-sharp looking edges that are not only elegant but strong and flexible for superior durability. The top lacquer used on the surface provides enhanced cleaning properties and resistance to scratches and marks.

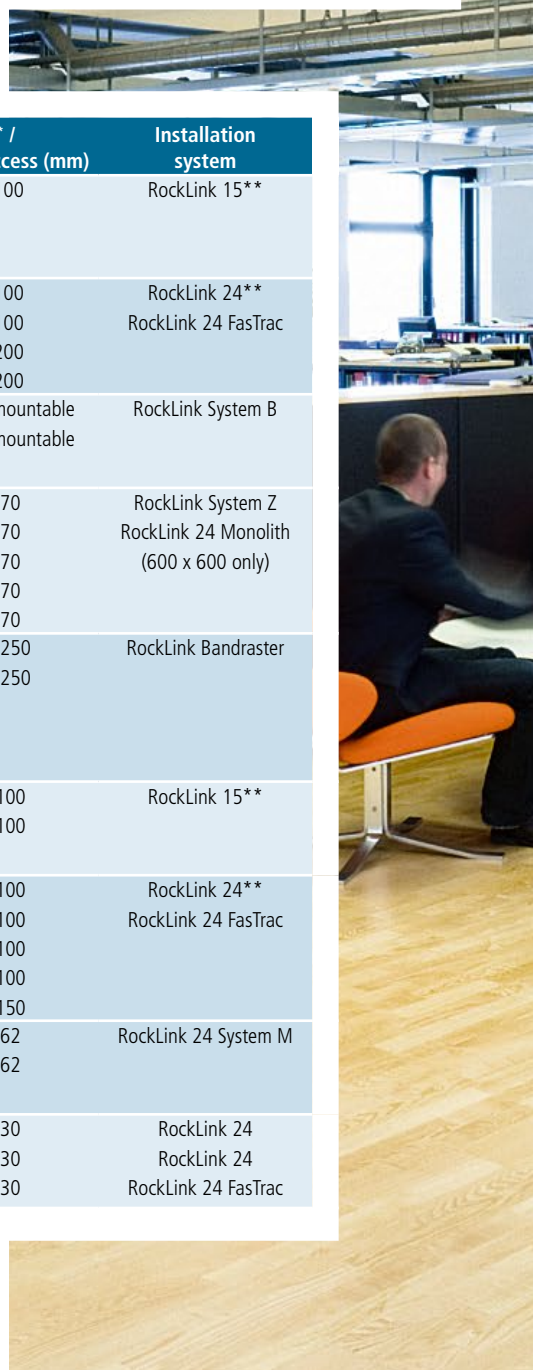
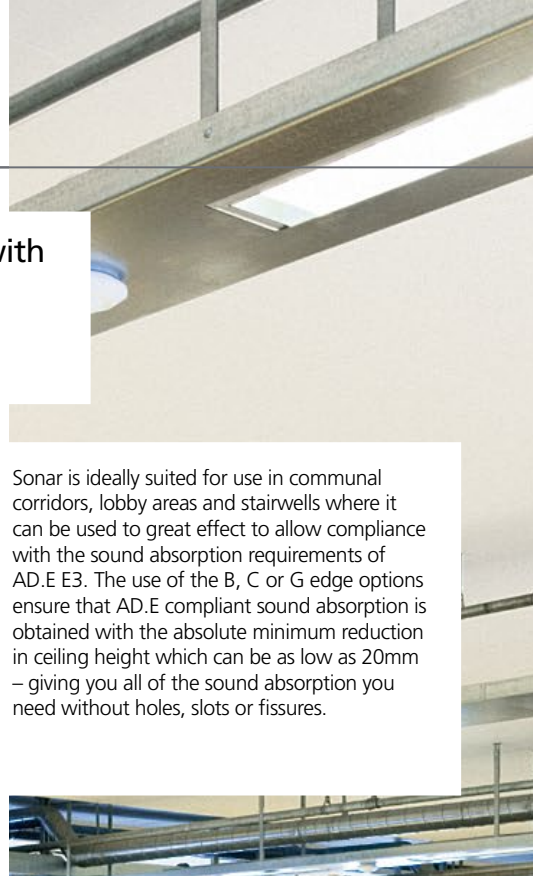
Sonar is ideally suited for use in communal corridors, lobby areas and stairwells where it can be used to great effect to allow compliance with the sound absorption requirements of AD.E E3. The use of the B, C or G edge options ensure that AD.E compliant sound absorption is obtained with the absolute minimum reduction in ceiling height which can be as low as 20mm – giving you all of the sound absorption you need without holes, slots or fissures.

ASSORTMENT

Edge detail	Module size (mm)	Product code	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A15	600 x 600 x 20	6011-0001	3.5	50 / 100	RockLink 15**
 A24	600 x 600 x 20	6011-0001	3.5	50 / 100	RockLink 24**
	1200 x 600 x 20	6011-0002	3.5	50 / 100	RockLink 24 FasTrac
	1800 x 600 x 20	6011-0003	3.5	50 / 200	
	2400 x 600 x 25	6011-0004	4.2	50 / 200	
 B	600 x 600 x 20	6063-0015	3.5	20 / not demountable	RockLink System B
	1200 x 600 x 20	6063-0017	3.5	20 / not demountable	
 D	600 x 600 x 20	6064-0028	3.5	70 / 70	RockLink System Z
	1200 x 600 x 20	6064-0029	3.5	70 / 70	RockLink 24 Monolith
	1800 x 600 x 20	6064-0004	3.5	70 / 70	(600 x 600 only)
	2400 x 600 x 25	6064-0003	4.2	70 / 70	
	1200 x 1200 x 25	6064-0012	4.2	70 / 70	
 D/AEX	1200 x 600 x 20	-	3.5	250 / 250	RockLink Bandraster
	1800 x 600 x 20	-	3.5	250 / 250	
 E15	600 x 600 x 20	6062-0041	3.5	60 / 100	RockLink 15**
	1200 x 600 x 20	6062-0008	3.5	60 / 100	
 E24	600 x 600 x 20	6062-0046	3.5	60 / 100	RockLink 24**
	1200 x 600 x 20	6062-0044	3.5	60 / 100	RockLink 24 FasTrac
	1800 x 600 x 20	6062-0042	3.5	60 / 100	
	2400 x 600 x 25	6062-0053	4.2	60 / 100	
	1200 x 1200 x 25	6062-0045	4.2	60 / 150	
 M	600 x 600 x 20	6064-0026	3.5	62 / 62	RockLink 24 System M
	1200 x 600 x 20	6064-0027	3.5	62 / 62	
 X	600 x 600 x 22	6067-1001	3.8	30 / 30	RockLink 24
	1200 x 600 x 22	6067-1002	3.8	30 / 30	RockLink 24
	1800 x 600 x 22	6067-1003	3.8	30 / 30	RockLink 24 FasTrac

* MS - Minimum Suspension

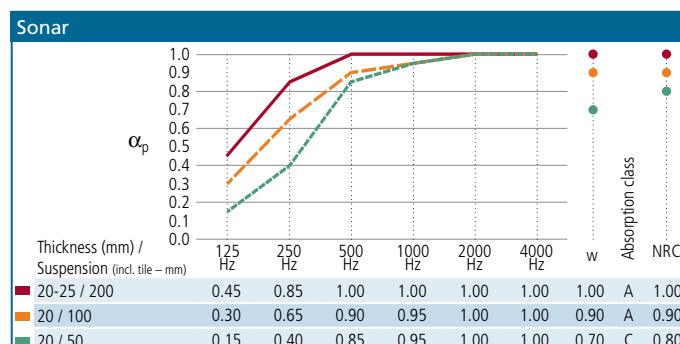
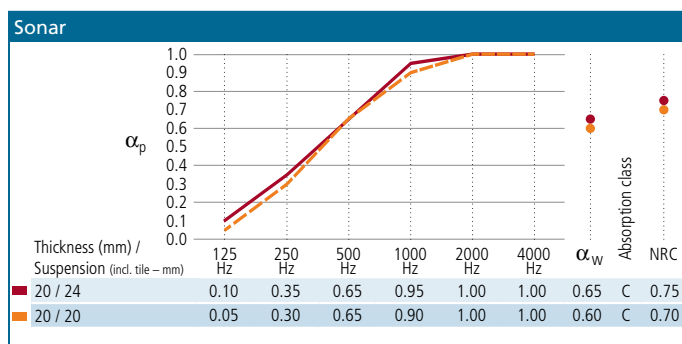
** Also available in an Enhanced Corrosion Resistant (ECR) format for use in harsh environments e.g. swimming pool halls, kitchens etc.





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.



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 Sonar 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 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.

Sonar is predominantly classified as Class 1/C/ON in accordance with BS 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.



CLEAN ROOM CLASSIFICATION

Sonar 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 post factory treated with a re-finishing paint, e.g. a PVA water based latex paint. The paint should be applied with an airless spray in a low amount (no brushing or rolling). Rockfon advises the use of the smallest amount of paint in order to minimise reduction in sound absorption. The surface of the tiles must be clean and dry and the existing paint surface must be firmly adhered to the tile prior to re-finishing. Heavily discoloured tiles should be replaced.

Disclaimer: The application of re-finishing paint will influence acoustic properties and fire safety performance. Rockfon takes no responsibility for these properties after treatment.



ENVIRONMENT

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


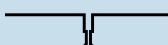

Sonar[®] Activity

Sonar Activity is designed for classrooms and open plan offices where speech intelligibility is crucial and noise and activity levels are very high.

The 40mm thickness and the high degree of sound absorption provided by Sonar Activity makes direct installation onto soffits possible –

maximising ceiling height whilst still achieving Class A sound absorption.

ASSORTMENT

Edge detail	Module size (mm)	Product code	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A24	600 x 600 x 40	6012-0001	7.0	50 / 200	RockLink 24**
	1200 x 600 x 40	6012-0002	7.0	50 / 200	
 B	600 x 600 x 40	6064-0234	7.0	40 / not demountable	RockLink System B
	1200 x 600 x 40	6064-0235	7.0	40 / not demountable	
 E24	600 x 600 x 40	6064-0231	7.0	60 / 200	RockLink 24**
	1200 x 600 x 40	6064-0233	7.0	60 / 200	

* MS - Minimum Suspension

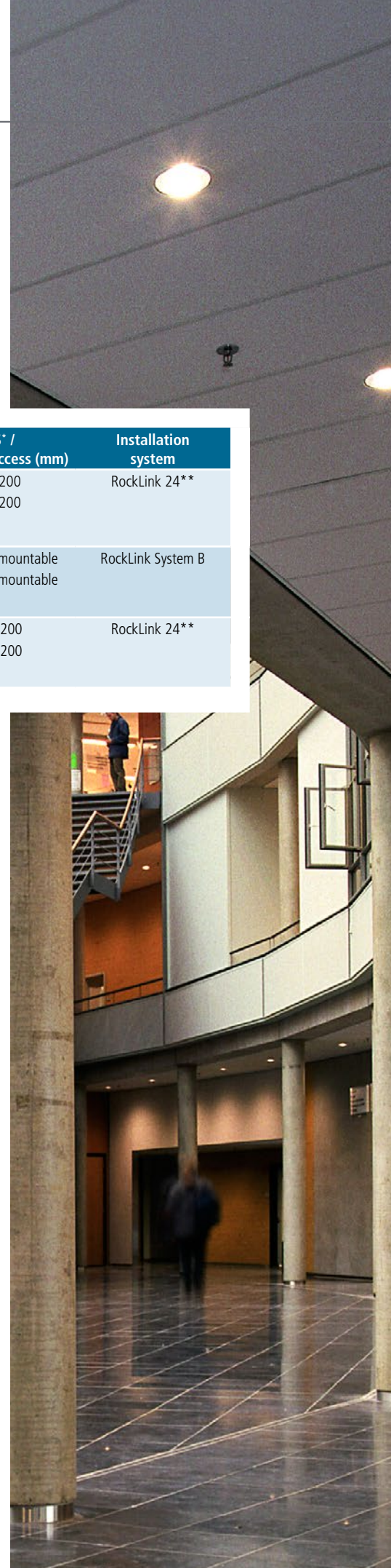
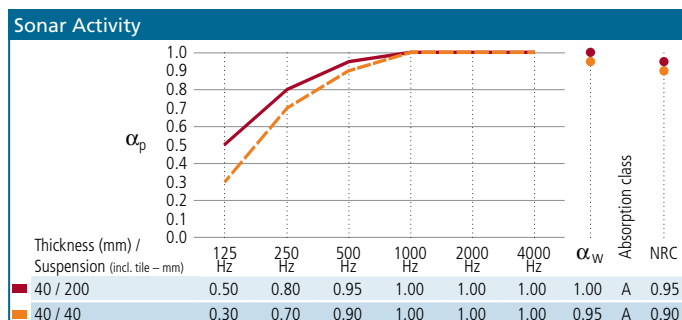
** Also available in an Enhanced Corrosion Resistant (ECR) format for use in harsh environments e.g. swimming pool halls, kitchens etc.



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.





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 Sonar Activity 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 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.

Sonar Activity 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.



THERMAL CONDUCTIVITY

Sonar Activity with a thickness equal to and exceeding 30mm has been measured in accordance with EN 12667 and has obtained the following value: $\lambda_D = 40$ mW/mK.

Thermal resistance: $R = 1.00$ m² K/W.



HYGIENE

Stone wool has no nutritional value and therefore it provides no sustenance to harmful micro-organisms.



CLEAN ROOM CLASSIFICATION

Sonar Activity 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 post factory treated with a re-finishing paint, e.g. a PVA water based latex paint. The paint should be applied with an airless spray in a low amount (no brushing or rolling). Rockfon advises the use of the smallest amount of paint in order to minimise reduction in sound absorption. 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.

Disclaimer: The application of refinishing paint will influence acoustic properties and fire safety performance. Rockfon takes no responsibility for these properties after treatment.



ENVIRONMENT

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

Sonar Activity is recyclable.





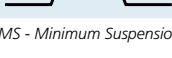
Sonar® Alto

For areas where greater levels of sound reflection are required, e.g. in auditoriums and conference rooms.

Sonar Alto is Sonar with a special surface – providing higher sound absorption at lower frequencies and lower sound absorption at

higher frequencies. Sonar Alto is suitable for installation together with Sonar in lecture and concert halls for optimum acoustics.

ASSORTMENT

Edge detail	Module size (mm)	Product code	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A15	600 x 600 x 20	6014-0001	3.5	50 / 100	RockLink 15
	1200 x 600 x 20	6014-0001	3.5	50 / 100	
 A24	600 x 600 x 20	6014-0001	3.5	50 / 100	RockLink 24
	1200 x 600 x 20	6014-0001	3.5	50 / 100	RockLink 24 FasTrac
 D	600 x 600 x 20	6064-0041	3.5	69 / 69	RockLink 24 Monolith RockLink System Z
 E15	600 x 600 x 20	6063-0016	3.5	60 / 100	RockLink 15
	1200 x 600 x 20	6063-0117	3.5	60 / 100	
 E24	600 x 600 x 20	6063-0016	3.5	60 / 100	RockLink 24
	1200 x 600 x 20	6063-0117	3.5	60 / 100	RockLink 24 FasTrac

* MS - Minimum Suspension

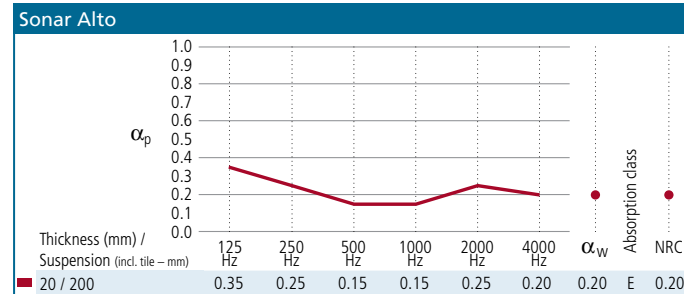




SOUND ABSORPTION

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

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 Sonar Alto 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 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.

Sonar Alto 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, 87% 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.

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.

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AFTERCARE

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ENVIRONMENT

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