

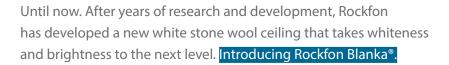
Part of the ROCKWOOL Group

Rockfon Blanka®



SOME WHITES ARE BRIGHTER THAN OTHERS

Pure white. Snow white. Bright white. Bone white. There are dozens of hues of white. And each person perceives whiteness differently, depending on the surroundings. This makes the perfectly white ceiling the unicorn of interior architecture: mythically rare and almost unattainable.





Project: Ceres Byen, Aarhus, Denmark Architect: KPF Arkitekter, Aalborg Installer: HTM Byg, Hovedgård Ceiling: Rockfon Blanka X edge 1200 x 600mm

"WE WANTED TO CREATE AN ATMOSPHERE THAT WAS LIGHT AND MATT"

Architect Lionel Salley chose the incredible whiteness of Rockfon Blanka to create a sense of space in the office renovation of the upper floors of the Art Deco Transatlantic Terminal Building in Cherbourg.

See Lionel and other architects discuss their bright ideas on the Rockfon Blanka website.



A VISIBLY WHITER CEILING

When they were developing Rockfon Blanka[®], our engineers were on a mission: to develop the whitest stone wool ceiling tile ever. Smooth whiteness is what architects want from a ceiling. Its uniform surface perfectly showcases the details and nuances of interior architecture. It sends a message of **purity and elegance** and immediately makes occupants feel like they've walked into a special place.

Independent testing shows that Rockfon Blanka is our whitest ceiling tile available with an L value of 94.5. The secret lies in the special ultra-white coating that delivers an incredibly smooth matt surface. And Rockfon Blanka delivers all this along with the same outstanding acoustics and fire safety performance known from the Rockfon product range.





BRIGHT IDEA #2

LET THERE BE LIGHT

The whiteness of Rockfon Blanka[®] offers more than just aesthetic benefits. It also improves the **light reflection** and **light diffusion** of the ceiling. With a light reflection index independently tested above 87%, Rockfon Blanka can contribute to energy savings by using the most economical source of light: the sun.

A ceiling with the right combination of high light reflection and good light diffusion leads to a uniform and regular spread of natural light in a room and can minimise the need for artificial light. Light comfort is important for personal well-being and performance at work.



"WE CHOSE ROCKFON BLANKA BECAUSE OF ITS ACOUSTIC PROPERTIES, LIGHT REFLECTION, AND MILKY WHITE SURFACE"

Architect Morten Lovén chose the outstanding light reflection of the Rockfon Blanka ceiling for the LE34 office renovation to optimise the indoor environment and draw natural light as far into the building as possible.

See Morten and other architects discuss their bright ideas on the Rockfon Blanka website.

Project: LE34, Aarhus, Denmark Architect: Vision Arkitekter Aps Installer: Murer/tømrer & Snedkerfirma Lars Mønsted Christiansen ApS Ceiling: Rockfon Blanka Z edge 1200 x 600mm



BRIGHT IDEA #3

PERFORM A PERFECT INSTALLATION

Installers will love Rockfon Blanka[®]. Once again, the reason is the unique super white smooth surface of the tiles which is perfectly non-directional with no pattern. Rockfon Blanka tiles can be installed in any direction, saving installation time and reducing waste.

Rockfon Blanka is also "installer resistant". The tiles can withstand exposure to site dust thanks to the anti-static properties of the coating. Rockfon Blanka also resists up to 100% relative humidity (RH) without sagging or bending.



Project: Debdon Army Reserve Centre, Newcastle upon Tyne, England Architects: Dixon Dawson Installer: Decke (Newcastle) Ltd Ceiling: Rockfon Blanka dB42 A edge 600 x 600mm and 1200 x 600mm

"A TILE THAT'S FACING THE WRONG WAY ROUND CAN MAKE THE CEILING LOOK 'OFF'"

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Architect Kristin Gausdal chose Rockfon Blanka for the new headquarters of a major telecoms company in Stockholm because of the panel's whiteness, its ability to remain white and for the non-directional fleece.

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See architects and others discuss their bright ideas on the Rockfon Blanka website.

"I WAS IMMEDIATELY ATTRACTED TO THE TILE'S ABILITY TO WITHSTAND DIRT"

Architect Toke Peelen chose Rockfon Blanka for the Volvo Mobility Centre showroom renovation in Rotterdam because of the panel's ability to withstand the wear and tear of a busy car dealership.

See architects and others discuss their bright ideas on the Rockfon Blanka website.



Project: Volvo Mobility Centre, Vlaardingen, Holland Architect: Peelen Interieur B.V. Installer: Bovero B.V. Ceiling: Rockfon Blanka D edge 600 x 600mm

BRIGHT IDEA #4

BUILT TO LAST

Once installed, a Rockfon Blanka[®] ceiling is a dream to own. Thanks to their outstanding level of **dirt** and **stain resistance** the tiles can put up with everyday wear and tear, ensuring building owners a long product lifecycle and a 15 year warranty. The anti-static coating resists dust and dirt which can be wiped off with a damp cloth - no special detergents are required. Rockfon Blanka has been tested for surface durability and comes out top of its class offering customers high durability and a long product lifecycle.

All Rockfon Blanka panels are made to the high environmental standards that have enabled a representative selection of Rockfon products to receive the Danish Indoor Climate Label and the Finnish Indoor Climate Label (M1). The stone wool tiles are made from up to 42% recycled materials and are fully recyclable.



- Rockfon Blanka has a smooth, deep matt, super white surface with high light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment.
- Rockfon Blanka's non-directional surface reduces installation time and the anti-static surface withstands exposure to site dust.
- The enhanced surface durability makes Rockfon Blanka more resistant to dirt and everyday wear and tear, extending the product lifetime.

Product Description

- Stone wool tile
- Visible side: smooth, deep matt, super white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

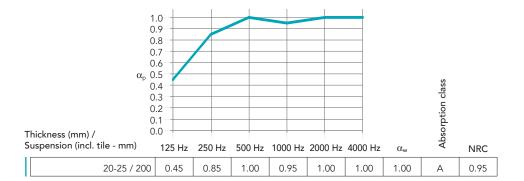
- Office
- Education
- Retail
- Leisure
- Healthcare

Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
A15		2.3	50 / 100	Rockfon® System T15 A™
	600 x 600 x 20	2.3	50 / 100	Rockfon [®] System T15 A, E ECR™
		2.3	50 / 100	Rockfon [®] System T24 A [™]
	600 x 600 x 20	2.3	50 / 100	Rockfon [®] System T24 A, E ECR™
		2.3	50 / 100	Rockfon [®] System XL T24 A [™]
A24	1200 (00 20	2.3	50 / 100	Rockfon [®] System T24 A™
A24	1200 x 600 x 20	2.3	50 / 100	Rockfon [®] System T24 A, E ECR™
		2.3	50 / 200	Rockfon [®] System T24 A™
	1800 x 600 x 20	2.3	50 / 200	Rockfon [®] System T24 A, E ECR™
		2.3	50 / 200	Rockfon [®] System XL T24 A [™]
	2400 x 600 x 20	2.3	50 / 200	Rockfon® System T24 A™
	2400 x 800 x 20	2.3	50 / 200	Rockfon [®] System T24 A, E ECR™
В	600 x 600 x 20	3.4	20 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 20	3.4	20 / not demountable	Rockfon [®] System B Adhesive™
D	600 x 600 x 20	3.4	70 / 70	Rockfon [®] System XL T24 D™
	1200 x 600 x 20	3.4	70 / 70	Rockfon® System T24 Stepped Z D™
	1800 x 600 x 20	3.4	70 / 70	Rockfon® System T24 Stepped Z D™
	1200 x 1200 x 25	4.1	70 / 70	Rockfon® System T24 Stepped Z D™
		2.8	60 / 100	Rockfon [®] System T15 E [™]
E15	600 x 600 x 20	2.8	60 / 100	Rockfon® System T15 A, E ECR™
		2.8	100 / 100	Rockfon® System Ultraline E™
Fluis		2.8	60 / 100	Rockfon [®] System T15 E [™]
	1200 x 600 x 20	2.8	60 / 100	Rockfon [®] System T15 A, E ECR™
		2.8	?	Rockfon® System Ultraline E™
	600 x 600 x 20	2.8	60 / 100	Rockfon [®] System T24 E [™]
		2.8	60 / 100	Rockfon® System T24 A, E ECR™
		2.8	60 / 100	Rockfon® System XL T24 E™
E24	1200 x 600 x 20	2.8	60 / 100	Rockfon [®] System T24 E [™]
	1200 x 000 x 20	2.8	60 / 100	Rockfon® System T24 A, E ECR™
		2.8	60 / 100	Rockfon [®] System T24 E [™]
	1800 x 600 x 20	2.8	60 / 100	Rockfon [®] System T24 A, E ECR™
		2.8	60 / 100	Rockfon® System XL T24 E™
	1200 x 1200 x 25	3.4	60 / 150	Rockfon [®] System T24 E [™]
		3.4	60 / 150	Rockfon® System T24 A, E ECR™
M	600 x 600 x 20	3.4	62 / 62	Rockfon [®] System T24 M [™]
	1200 x 600 x 20	3.4	62 / 62	Rockfon [®] System T24 M [™]
	600 x 600 x 22	3.7	30 / 30	Rockfon [®] System T24 X [™]
		3.7	30 / 30	Rockfon [®] System T24 X DLC™
	1200 x 600 x 22	3.7	30 / 30	Rockfon® System T24 X™
x		3.7	30 / 30	Rockfon [®] System T24 X DLC™
	1800 x 600 x 22	3.7	30 / 30	Rockfon® System T24 X™
		3.7	30 / 30	Rockfon [®] System T24 X DLC™
	2100 x 600 x 25	4.1	30 / 30	Rockfon [®] System T24 X [™]
		4.1	30 / 30	Rockfon® System T24 X DLC™
	2400 x 600 x 25	4.1	30 / 30	Rockfon [®] System T24 X [™]
		4.1	30 / 30	Rockfon [®] System T24 X DLC™
Z	600 x 600 x 20	3.4	64 / 64	Rockfon® System T24 Z [™]
	1200 x 600 x 20	3.4	64 / 64	Rockfon [®] System T24 Z [™]
	1800 x 600 x 20	3.4	64 / 64	Rockfon® System T24 Z™

MS = Minimum Suspension Other dimensions are available on request. Please contact Rockfon.

Performance







Reaction to fire Α1

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Cleaning - Vacuum

- Damp cloth

Light reflection and light diffusion

87% light reflection >99% light diffusion



Hygiene R

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance. Wet-scrub resistance: Class 1

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1 is best.



Environment

Fully recyclable



Indoor environment

A selection of Rockfon products have been awarded



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Impact resistance

Class 3A (Fastening clip) Impact resistance of Rockfon Blanka with edge Z or M mounted with fastening clip has been tested in accordance with EN13964 - Annex D and approved as Class 3A.

Up to 100% RH.

Humidity and sag resistance

No visible deflection in high humidity C/0N



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Visual appearance

Super white surface L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.

Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
A24	600 x 600 x 25	3.4	50 / 100	Rockfon [®] System dB™
	1200 x 600 x 25	3.4	50 / 100	Rockfon [®] System dB™
E15	600 x 600 x 25	3.4	60 / 100	Rockfon® System dB™
	1200 x 600 x 25	3.4	60 / 100	Rockfon [®] System dB™
E24	600 x 600 x 25	3.4	60 / 100	Rockfon [®] System dB™
	1200 x 600 x 25	3.4	60 / 100	Rockfon [®] System dB™

MS = Minimum Suspension

Performance



Sound absorption α_w: 0.80 (Class B)

Direct sound insulation 2 3 $R_w = 19 \text{ dB}$

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1		

Room to room sound insulation

 $D_{n.f.w} = 35 dB$ $D_{n,f,w}$ with Rockfon Acoustimass =47* dB $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 50* dB

The sound insulation properties (R_w, D_{n,f,w}) presented in the datasheet represent A-edge tiles.

*) Values obtained on the basis of theoretical analysis.

Reaction to fire A2-s1,d0

Cleaning

Vacuum

- Damp cloth

	Lig
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ht reflection and light diffusion

% light reflection >99% light diffusion

Stone wool provides no

Surface durability

sustenance to microorganisms

Enhanced durability and dirt

Wet-scrub resistance: Class 1

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007,

rated on a scale from 1 to 5, where 1

Hygiene

resistance.

is best.



Humidity and sag resistance

Up to 100% RH. No visible deflection in high humidity C/0N



Visual appearance

Super white surface L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle The gloss of the product is tested in

accordance with ISO 2813.





Fully recyclable



Indoor environment

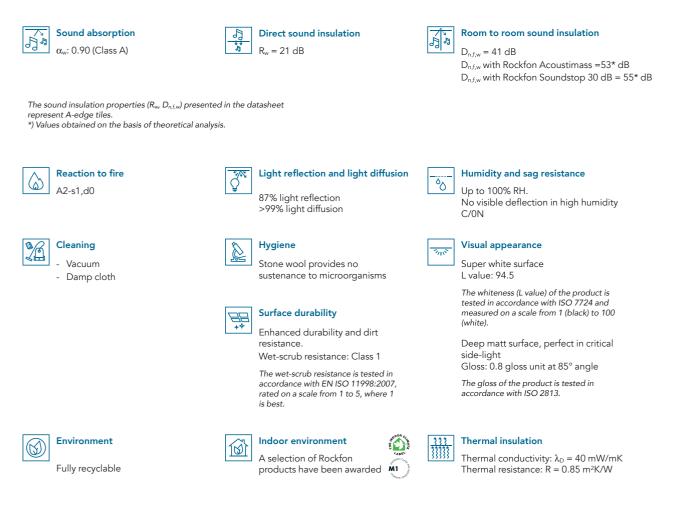
A selection of Rockfon products have been awarded



Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
A24	600 x 600 x 35	5.6	50 / 200	Rockfon [®] System dB™
	1200 x 600 x 35	5.6	50 / 200	Rockfon [®] System dB™
D	600 x 600 x 35	5.6	112 / 112	Rockfon [®] System dB™
	1200 x 600 x 35	5.6	112/112	Rockfon [®] System dB™
E15	600 x 600 x 35	5.6	60 / 200	Rockfon® System dB™
	1200 x 600 x 35	5.6	60 / 200	Rockfon [®] System dB™
E24	600 x 600 x 35	5.6	60 / 200	Rockfon® System dB™
	1200 x 600 x 35	5.6	60 / 200	Rockfon [®] System dB™

MS = Minimum Suspension

Performance



Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
A24	600 x 600 x 40	7.0	50 / 200	Rockfon [®] System dB™
	1200 x 600 x 40	7.0	50 / 200	Rockfon [®] System dB™
	600 x 600 x 40	7.0	112 / 112	Rockfon® System dB™
E15	600 x 600 x 40	7.0	60 / 200	Rockfon [®] System dB™
	1200 x 600 x 40	7.0	60 / 200	Rockfon® System dB™
E24	600 x 600 x 40	7.0	60 / 200	Rockfon [®] System dB™
	1200 x 600 x 40	7.0	60 / 200	Rockfon® System dB™

MS = Minimum Suspension

Performance

Sound absorption α_{w} : 0.90 (Class A)	Direct sound insulation R _w = 22 dB	Room to room sound insulation $D_{n,f,w} = 43 \text{ dB}$ $D_{n,f,w}$ with Rockfon Acoustimass =55* dB $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 56* dB
The sound insulation properties (R _w D _{n,f,w}) presente represent A-edge tiles. *) Values obtained on the basis of theoretical analys		
Reaction to fire A2-s1,d0	Light reflection and light diffusion 87% light reflection >99% light diffusion	Humidity and sag resistance Up to 100% RH. No visible deflection in high humidity C/0N
Cleaning - Vacuum - Damp cloth	Wigene Stone wool provides no sustenance to microorganisms Surface durability Enhanced durability and dirt resistance. Wet-scrub resistance: Class 1 The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1 is best.	Visual appearance Super white surface L value: 94.5 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white). Deep matt surface, perfect in critical side-light Gloss: 0.8 gloss unit at 85° angle The gloss of the product is tested in accordance with ISO 2813.
Environment Fully recyclable	A selection of Rockfon products have been awarded	Thermal insulationThermal conductivity: $\lambda_0 = 40 \text{ mW/mK}$ Thermal resistance: R = 1.00 m²K/W

Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
A24	600 x 600 x 50	7.9	80 / 200	Rockfon [®] System dB™
	1200 x 600 x 50	7.9	80 / 200	Rockfon [®] System dB™
	600 x 600 x 50	7.9	112 / 112	Rockfon [®] System dB™
E15	600 x 600 x 50	7.9	90 / 200	Rockfon [®] System dB™
	1200 x 600 x 50	7.9	90 / 200	Rockfon [®] System dB™
E24	600 x 600 x 50	7.9	90 / 200	Rockfon [®] System dB™
	1200 x 600 x 50	7.9	90 / 200	Rockfon® System dB™

MS = Minimum Suspension

Performance

Sound absorption $\alpha_{w}: 0.95 \text{ (Class A)}$	Direct sound insulation $R_w = 25 \text{ dB}$	Room to room sound insulation $D_{n,f,w} = 46 \text{ dB}$ $D_{n,f,w}$ with Rockfon Acoustimass =56* dB $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 58* dB
The sound insulation properties (R _w , D _{n,f,w}) preser represent A-edge tiles. *) Values obtained on the basis of theoretical ana		
Reaction to fire A2-s1,d0	Light reflection and light diffusion 87% light reflection >99% light diffusion	Humidity and sag resistance Up to 100% RH. No visible deflection in high humidity C/0N
Cleaning - Vacuum - Damp cloth	Hygiene Stone wool provides no sustenance to microorganisms Surface durability Enhanced durability and dirt resistance. Wet-scrub resistance: Class 1 The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1	Visual appearance Super white surface L value: 94.5 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white). Deep matt surface, perfect in critical side-light Gloss: 0.8 gloss unit at 85° angle The gloss of the product is tested in accordance with ISO 2813.
Environment The stone wool core is recyclable	is best. Indoor environment A selection of Rockfon products have been awarded	Thermal insulation Thermal conductivity: $\lambda_D = 40 \text{ mW/mK}$ Thermal resistance: R = 1.25 m ² K/W

Rockfon Blanka® Activity

Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
A24	600 x 600 x 40	6.4	50 / 200	Rockfon® System T24 A™
		6.4	50 / 200	Rockfon [®] System T24 A, E ECR™
	1200 x 600 x 40	6.4	50 / 200	Rockfon [®] System T24 A™
		6.4	50 / 200	Rockfon [®] System T24 A, E ECR™
В	600 x 600 x 40	6.4	40 / not demountable	Rockfon [®] System B Adhesive™
	1200 x 600 x 40	6.4	40 / not demountable	Rockfon [®] System B Adhesive™
	600 x 600 x 40	6.4	40 / not demountable	Rockfon® System C direct™
	1200 x 600 x 40	6.4	40 / not demountable	Rockfon® System C direct™
	2400 x 600 x 40	6.4	40 / not demountable	Rockfon [®] System C direct [™]
	600 x 600 x 40	6.4	60 / 200	Rockfon® System T24 E™
		6.4	60 / 200	Rockfon® System T24 A, E ECR™
	1200 x 600 x 40	6.4	60 / 200	Rockfon® System T24 E™
		6.4	60 / 200	Rockfon [®] System T24 A, E ECR™
	1800 x 600 x 40	6.4	60 / 200	Rockfon® System T24 E™
		6.4	60 / 200	Rockfon [®] System T24 A, E ECR™

Performance



Sound absorption α_w: 1.00 (Class A)

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A1

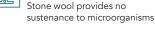
Cleaning



Vacuum

Reaction to fire





Hygiene

161

Surface durability

Indoor environment

87% light reflection

>99% light diffusion

Enhanced durability and dirt resistance.

Light reflection and light diffusion

Wet-scrub resistance: Class 1

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1 is best.



Environment

Fully recyclable



<u>***</u> Thermal insulation

Thermal conductivity: $\lambda_D = 40 \text{ mW/mK}$ Thermal resistance: $\hat{R} = 1.00 \text{ m}^2\text{K/W}$



Humidity and sag resistance

Up to 100% RH. No visible deflection in high humidity C/0N



Visual appearance

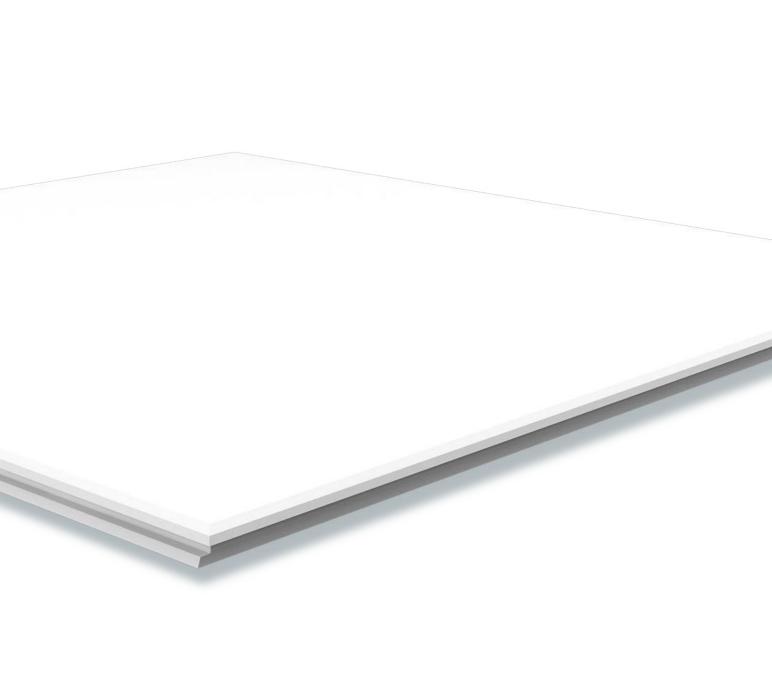
Super white surface L value: 94.5

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Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Rockfon[®] is a registered trademark of the ROCKWOOL Group.

Rockfon



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