

SHAPE YOUR WORLD



ROCKFON® **MONO® ACOUSTIC**

MONO BY NAME, MULTIPLE BY NATURE

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BY NAME,
MULTIPLE
BY NATURE





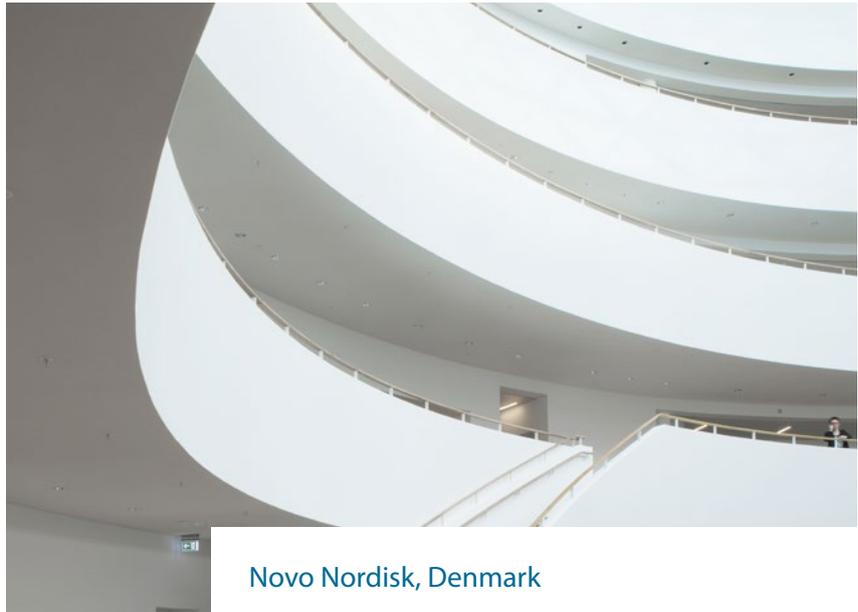
Modern monolithic architecture calls for undisturbed, expressive surfaces. Modern building design requires acoustics, convenience and flexibility. ROCKFON® Mono® Acoustic brings the two together with amazing results.

Flat or curved. White or custom color. Ceilings or walls. ROCKFON Mono Acoustic is more than a ceiling. It's a surface solution designed to enrich the beauty of your monolithic design while delivering a world of practical benefits. Beauty and brains.

All in one to shape your world.

WORLD OF DESIGN





Novo Nordisk, Denmark

Bring a crisp, clean monolithic aesthetic to the ceiling and walls of any space-new build or renovation-big project or small-with ROCKFON Mono Acoustic.

- **Smoother than ever.** Made with marble powder, the new render gives the surface a smooth and refined texture that perfectly complements any interior design.
- **Ideal for any space.** Bring monolithic surfaces to retail, offices, education and public areas.
- **Any size project.** ROCKFON Mono Acoustic is suitable for big and small projects because it can be installed as seamless spans, ceiling islands or walls.
- **Adapts to any use.** It allows for easy integration of lighting, air conditioning and ventilation systems.



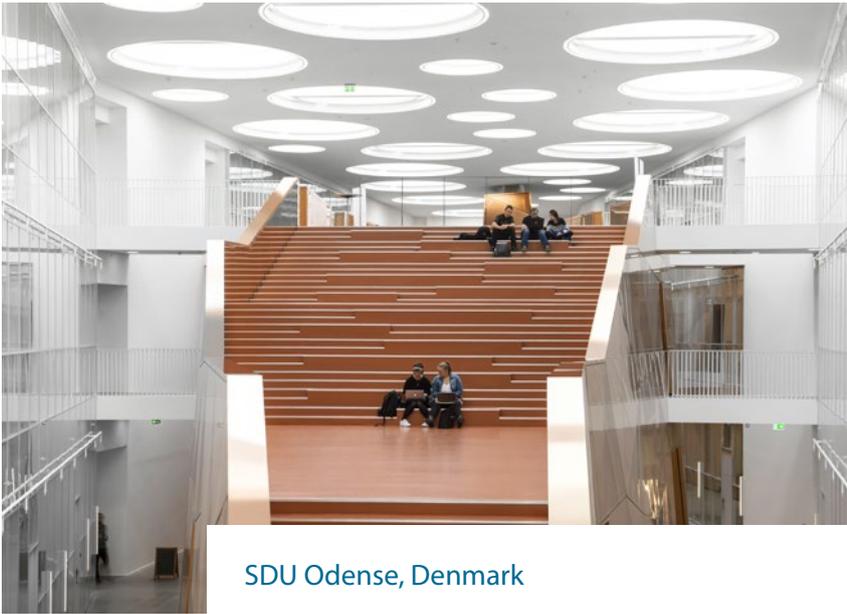
Puerto Venecia, Spain

ROCKFON Mono Acoustic lets you shape and curve its surface, enabling you to give the space the signature look you're trying to achieve with your design.

- **Shape it.** It can be installed sloping, flat or curved, in a suspension grid or directly mounted.
- **More than a ceiling.** ROCKFON Mono Acoustic isn't restricted to horizontal grid installation. It can be directly mounted on existing ceilings and walls. When used vertically, it can remove the need for wall absorbers.
- **White or custom color.** The color of the ceiling is determined by the render. The standard white surface is extremely bright, offering a 99% light diffusion, which creates a comfortable work environment and can reduce the need for artificial lighting. You can also customize the color to meet your needs.

WORLD OF CONTOURS





SDU Odense, Denmark

Due to its sharp angles and flat surfaces, monolithic architecture can be an acoustical challenge, and traditional monolithic surfaces do not provide sufficient acoustical control. With ROCKFON Mono Acoustic, monolithic rhymes with great acoustics.

The new render of ROCKFON Mono Acoustic provides a smooth, elegant texture while simultaneously letting the sound propagate through the surface and be absorbed by the backing. You always benefit from:

- **Class A** (α_w : 0.90-1.00) sound absorption, eliminating the need for other sound absorbing materials and keeping your monolithic design as pure as possible.

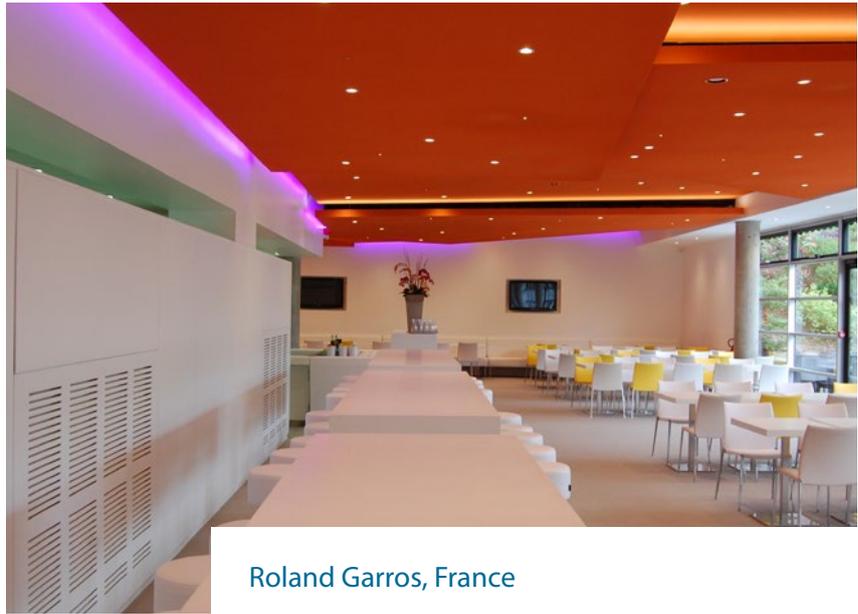


WORLD OF QUIET



WORLD OF SIMPLICITY





Roland Garros, France

ROCKFON Mono Acoustic is designed to deliver value for money along with monolithic design and acoustic performance.

- **Installation peace-of-mind.** By using our network of certified installers you benefit from end-to-end service and we also provide on-site technical support. Our installation is faster than ever thanks to the formulation of the new spray-on render.
- **Hidden access.** Inspection hatches can be sprayed with render and thus integrated into the surface without disrupting the seamless surface.
- **Easy to own.** Repairs and cleaning can be done without affecting the design or acoustics, thereby increasing the lifetime of the surface.

ROCKFON® MONO® ACOUSTIC

ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation System
TE Elegant Render 	1200 x 1200 x 40	6.0	90 / Not demountable	ROCKFON® System Mono Acoustic™
	1800 x 1200 x 40	6.0	90 / Not demountable	
Direct TE Elegant Render 	1200 x 1200 x 40	6.0	40 / Not demountable	
	1800 x 1200 x 40	6.0	40 / Not demountable	
Flecto TE Elegant Render 	1200 x 1200 x 40	6.0	40 / Not demountable	
	1800 x 1200 x 40	6.0	40 / Not demountable	

*MS - minimum suspension

For this product, module size = exact dimension

ROCKFON Mono Acoustic Direct can only be installed directly to a soffit or wall.

PERFORMANCES



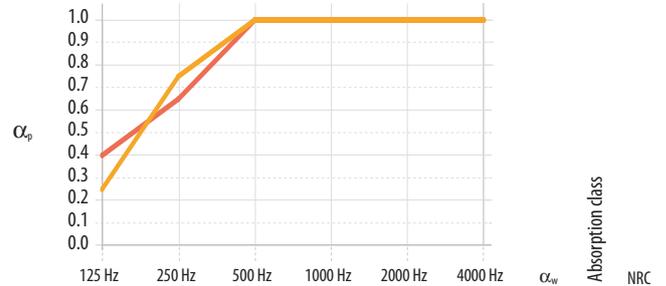
Sound absorption

α_w : up to 1.00 (Class A)



Direct sound insulation

$R_w (C;C_{tr}) = 22 (-2;-3)$ dB



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Elegant Render 40 / 220*	0.40	0.65	1.00	1.00	1.00	1.00	0.95	A	0.90
Elegant Render 40 / 40**	0.25	0.75	1.00	1.00	1.00	1.00	1.00	A	0.95

* ROCKFON Mono Acoustic panels

** ROCKFON Mono Acoustic Direct panels

Sound absorption values are valid for flat surfaces.



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



Cleaning

• Vacuum



Hygiene

Stone wool provides
no sustenance to
microorganisms



Visual appearance

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).



Environment

Fully recyclable



Indoor environment

A selection of ROCKFON
products have been
awarded



Fire protection

ROCKFON Mono Acoustic achieves up to 60 min. in accordance with European test standards and national approvals. Please contact ROCKFON for fire resistance documentation.

All performance properties presented in the datasheet are based uniquely on the white surface.

All colours can influence product performances. Please contact ROCKFON customer service for more information.





South Shields Library, United Kingdom

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.

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