

The seamless perfection of **Rockfon® Mono® Acoustic**

Rockfon® Mono® Acoustic is an innovative monolithic ceiling solution, delivering continual, smooth surfaces that turn aspirations into reality.



Expression & Performance
Vision & Acoustics
Creativity & Sustainability



ARK Office Building London, England

"The finished installation delivers a refined, contemporary monolithic surface – perfect for prestigious, modern, multi-use developments such as the ARK."

George Fernberg | Business Development Manager, PANARC

Harnessing the natural power of stone to enrich lives and foster healthier environments.

- **Undisturbed Designs.** Flat, sloped and curved, giving you the complete freedom to create a signature look.
- **Peaceful Interiors.** Up to NRC 0.95 sound absorption, providing excellent acoustical performance.
- **High Light Reflection.** Extremely bright white, reducing the need for artificial lighting.
- **Class A Fire Protection.** Helps prevent the spread of fire and does not emit significant quantities of toxic smoke.
- **Promotes Healthier Environments.** Mold- and mildew-resistant, Rockfon Mono Acoustic resists sag, cleans easily, gives no sustenance to microorganisms and helps maintain indoor air quality.
- **Sustainable Practices.** Made from recyclable stone wool, Rockfon Mono Acoustic uses raw materials and environmentally friendly, sustainable practices.



Rockfon® Mono® Acoustic features the natural benefits of stone wool, including long-lasting durability, excellent sound absorption and breathtaking aesthetics.





National Famine Museum Strokestown, Ireland

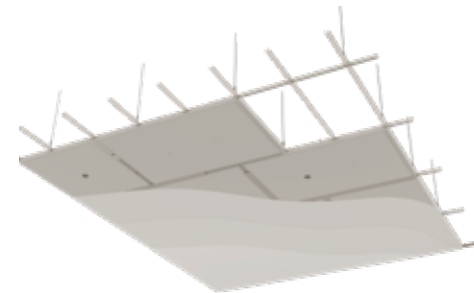
“We were conscious that these fairly large spaces, which incorporate several hard surface materials, had the potential to become noisy so looked to specify an acoustic ceiling system that would control sound and achieve a smooth surface. We are very happy with the results.”

Joana Nunes MRIAI | AXO Associate Director

Rockfon® Mono® Acoustic TE



(Bare panel NRC 1.00)



Rockfon Mono Acoustic TE panels can be attached to flat horizontal to vertical framing.

- White Rockfon Elegant Render acoustical finish applied onsite
- Exceptional acoustical performance (up to NRC 0.95 for installed systems)
- Installs like gypsum with similar design considerations such as access panels
- Certified Rockfon Mono Acoustic installers provide quality and peace of mind
- Uses Rockfon Chicago Metallic® drywall grid for ease of installation and heavy-duty support

Standard Panels

											Packaging		
Panel Type	Edge	Item Number	Panel Size (mm)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (Relative Humidity)	Low VOC	Mold and Mildew Resistance	Packaging (Pcs/Ctn)	Weight (Kg/Ctn)	Ctn/Pallet
Rockfon Mono Acoustic TE Panel													
	TE (Tapered Edge)	308086	1200 x 1800 x 40	1.00 Bare Panel / 0.95 Finished System	190	A	0.87	Up to 100%	Greenguard	10 (No Growth)	4	47	6

Rockfon® Mono® Acoustic TE Properties



Fire Performance

Surface burning characteristics:
UL 723 (ASTM E1264/ASTM E84): Class A
CAN/ULC S102 Flame Spread Index: 10



Sustainability

Carbon footprint 5.06 kg of CO2 eq.
(cradle to gate based on EPD)
GREENGUARD
Environmental Product Declaration



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)



Light Reflection and Light Diffusion

87% light reflection (Elegant Render)
>99% light diffusion (Elegant Render)



Mold and Mildew Resistance

ASTM D3273: 10
(No growth of mold or fungus)



Environment

Fully recyclable stone wool
29% to 64% recycled content according to ISO 14021



Indoor Environment

GREENGUARD Certification per UL 2821



Humidity and Sag Resistance

Up to 100% RH per ASTM C367
No visible deflection in high humidity



Sound Absorption

1.00 NRC (bare panel) tested and UL Listed/0.95 NRC (system) tested Noise Reduction Coefficient per ASTM C423



Cleaning

Vacuum



Warranty

15-Year Limited Product Warranty
See rockfon.com



Download the data sheet and more.



Villa Paradiso Oslo, Norway

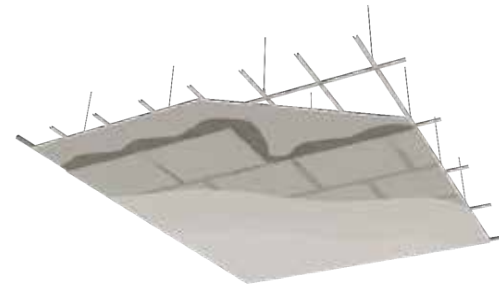
“I appreciate that Rockfon® Mono® Acoustic provides a monolithic surface on the ceiling and walls. That’s why I’ve chosen to install Rockfon Mono Acoustic in all my other restaurants too. The restaurant has been open for a year now, and I’ve noticed that we haven’t received any complaints about the acoustics. That is the greatest praise.”

Jan Vardøen | Restaurateur, Villa Paradiso

Rockfon® Mono® Acoustic TE Direct



(Bare panel NRC 0.95)



Rockfon Mono Acoustic TE Direct panels are installed onto existing smooth, flat wall or ceiling surfaces.

- Fits any project requirement, including seamless spans, ceiling islands and walls
- Extremely bright white, 87% light reflection reduces the need for artificial lighting
- Exceptional acoustical performance (up to NRC 0.90 for installed systems)
- Suitable for use in applications where there is negative air pressure in the plenum space
- Panels adhered to new or existing smooth, flat interior surfaces such as gypsum or plaster
- Certified Mono Acoustic installers provide quality and peace of mind
- Suspend new gypsum ceiling substrates using Chicago Metallic® drywall grid



Direct Panels



Panel Type	Product Number	Edge	Panel Size (mm)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (Relative Humidity)	Low VOC	Mold and Mildew Resistance	Packaging			
											Packaging (Pcs/Ctn)	Weight (Kg/Ctn)	Ctn/Pallet	
Rockfon Mono Acoustic TE Direct Panel														
	308077	TE (Tapered Edge)	900 x 1200 x 40	0.95 Bare Panel / 0.90 Finished System	-	A	0.87	Up to 100%	Greenguard	10 (No Growth)	6	42	4	

Rockfon® Mono® Acoustic TE Direct Properties



Fire Performance

Surface burning characteristics: ASTM E1264/ASTM E84: Class A



Sustainability

Carbon footprint 5.06 kg of CO2 eq. (cradle to gate based on EPD) GREENGUARD Environmental Product Declaration



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)



Light Reflection and Light Diffusion

87% light reflection (Elegant Render)
>99% light diffusion (Elegant Render)



Mold and Mildew Resistance

ASTM D3273: 10 (No growth of mold or fungus)



Environment

Fully recyclable stone wool
29% to 64% recycled content according to ISO 14021



Indoor Environment

GREENGUARD Certification per UL 2821



Humidity and Sag Resistance

Up to 100% RH per ASTM C367
No visible deflection in high humidity



Sound Absorption

0.95 NRC (bare panel) tested and UL Listed/0.90 NRC (system) tested Noise Reduction Coefficient per ASTM C423



Cleaning

Vacuum



Warranty

15-Year Limited Product Warranty
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Helsinki Central Library Oodi

Helsinki, Finland

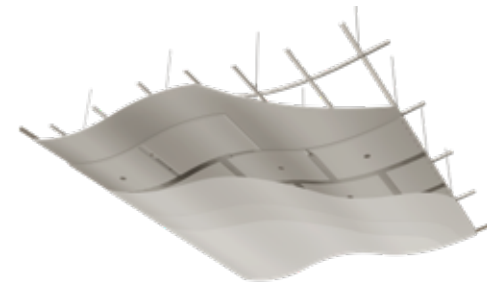
“Mono Acoustic ceilings from Rockfon is an ideal solution. The ceiling tiles are very flexible and easy to work with and lived up to our creative idea and concept. We are very satisfied with the result.”

Niklas Malmberg | Architect, ALA Architects

Rockfon® Mono® Acoustic TE Flecto



(Bare panel NRC 0.95)



Rockfon Mono Acoustic TE Flecto panels are attached to an existing curved substrate.

- Panels can be bent to follow undulating surfaces to 1500 mm minimum radius
- Extremely bright white, 87% light reflection reduces the need for artificial lighting
- White Rockfon Elegant Render acoustical finish applied onsite
- Exceptional acoustical performance (up to NRC 0.90 for installed systems)
- Attach panels to existing smooth surfaces, or create new ones using Chicago Metallic® curved drywall grid and gypsum panel
- Certified Mono Acoustic installers provide quality and peace of mind



Flecto Panels



Panel Type	Edge	Item number	Panel Size (mm)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (Relative Humidity)	Low VOC	Mold and Mildew Resistance	Packaging				
											Packaging (Pcs/Ctn)	Weight (Kg/Ctn)	Ctn/Pallet		
Rockfon Mono Acoustic TE Flecto Panel															
	TE (Tapered Edge)	308079	900 x 1200 x 40	0.95 Bare Panel / 0.90 Finished System	-	A	0.87	Up to 100%	Greenguard	10 (No Growth)	6	40.2	4		

Rockfon® Mono® Acoustic TE Flecto Properties



Fire Performance
Surface burning characteristics:
ASTM E1264/ASTM E84: Class A



Sustainability
Carbon footprint 5.06 kg of CO2 eq.
(cradle to gate based on EPD)
GREENGUARD
Environmental Product Declaration



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)



Light Reflection and Light Diffusion
87% light reflection (Elegant Render)
>99% light diffusion (Elegant Render)



Mold and Mildew Resistance
ASTM D3273: 10
(No growth of mold or fungus)



Environment
Fully recyclable stone wool
29% to 64% recycled content according to ISO 14021



Indoor Environment
GREENGUARD Certification per UL 2821



Humidity and Sag Resistance
Up to 100% RH per ASTM C367
No visible deflection in high humidity



Sound Absorption
0.95 NRC (bare panel)/0.90 NRC (system)
Noise Reduction Coefficient per ASTM C423



Cleaning
Vacuum



Warranty
15-Year Limited Product Warranty
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Download the data sheet and more.

Rockfon® Mono® Acoustic delivers the seamless integration of expression & performance

- Presents a continuous, monolithic appearance for artistic designs
- High sound absorption—up to NRC 0.95 on finished installations
- Mold- and mildew-resistant
- Class A fire protection
- High light reflection and diffusion
- Three panel types for visionary flexibility

Applications

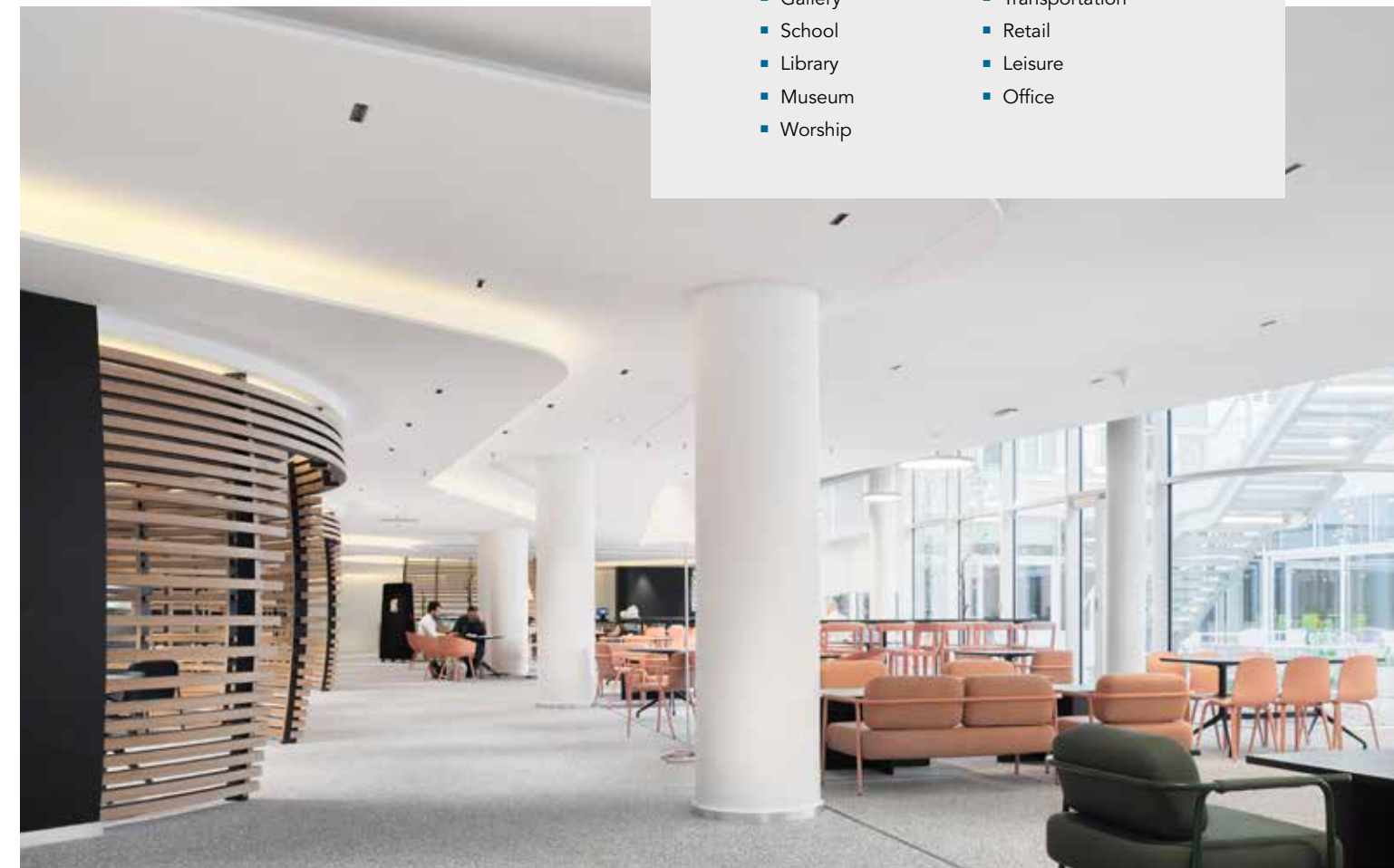
Rockfon® Mono® Acoustic is ideal for any space where privacy, speech clarity and sound absorption are priorities.

- Gallery
- School
- Library
- Museum
- Worship
- Transportation
- Retail
- Leisure
- Office

Coworking Loom Glòries Barcelona, Spain

“Those who visit our new offices in Barcelona will have first-hand access to a modern work environment that is ahead of its time.”

Enrique Losantos | CEO, JLL





Rockfon is part of ROCKWOOL Group, the world leader in stone wool manufacturing, transforming volcanic rock into safe, sustainable products. We are committed to enriching the lives of everyone who experiences our products and services and helping customers and communities tackle many of today's biggest sustainability and development challenges. Our actions contribute to 11 out of 17 United Nations Sustainable Development Goals (SDGs). Also in 2020, ROCKWOOL signed up with the Science Based Targets initiative (SBTi) and committed to a verified and approved plan for an ambitious one-third reduction of our lifecycle greenhouse gas emissions by 2034, using 2019 as the baseline.



See our video, download resources and more.

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