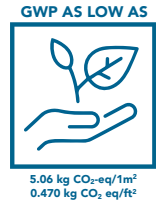


# Rockfon Mono® Acoustic FE



## Seamless Design, Unlimited Possibilities

- Designed to create seamless surfaces across ceilings, floating islands and wall applications
- The refined white surface provides high light reflectance and diffusion, ensuring even light distribution and reducing the need for artificial lighting
- Available in the 33 Colors of Wellbeing

## + Performance

- Delivers high acoustic performance with up to NRC 0.95 for installed systems
- FE edge engineered for smoother, faster installation
- Seismic Rated design categories A-F
- Installs similar to gypsum, allowing seamless integration of access panels and building services
- Installed by certified Rockfon Mono Acoustic professionals to ensure precision, consistency, and long-term performance
- Designed for compatibility with Rockfon Chicago Metallic® drywall grid, providing reliable installation and structural integrity

## Applications

- Office
- Education
- Leisure
- Retail
- Residential



**High Acoustic Absorption**



**Class A Fire Performance**



**Moisture and Sag Resistance**



**No tile acclimatization required.**

Please refer to [handling guide](#) for details.



**Smooth, Modern Aesthetics**



**Mold and Mildew Resistance**



**15-year Warranty**



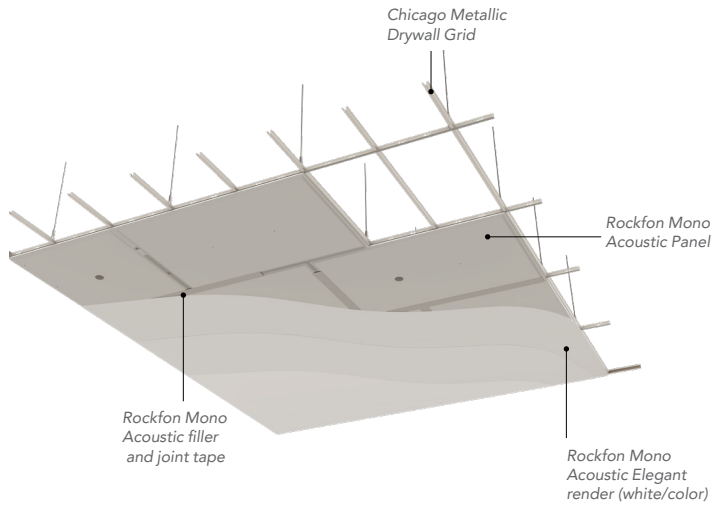
**Part of Rockfon's Closed Loop Recycle Program**

# Rockfon Mono Acoustic FE



Scan to explore Rockfon Mono® Acoustic FE

Sustainability Certifications and Documentation



Rockfon Mono® Acoustic FE seamlessly attaches to both horizontal and vertical framings to create smooth, continuous surfaces.

## Performance Properties (Stone Wool Mono Panel):

<b>Classification</b>	ASTM E 1264 - Standard Classification for Acoustical Ceiling Products; Type IV, Form 3, Pattern G
<b>Base Material</b>	Stone Wool Core with White Non-woven Front Fleece
<b>Joints</b>	Rockfon Joint Tape and Joint Compound - Site Applied
<b>Surface</b>	Rockfon Mono Acoustic Elegant Render - Site Applied (White & Color)
<b>Warranty</b>	15-Year Limited Component Warranty

## Performance Properties (Drywall Grid):

<b>Base Material</b>	Hot-Dip Galvanized Steel Body (HDG-40)
<b>Capping</b>	None - Knurled Face
<b>End Details</b>	<b>Main Runners:</b> Bayonet-End Coupling <b>Cross Tee:</b> Stab
<b>Structural Classification</b>	Heavy Duty per ASTM C635
<b>Flame Spread Rating</b>	Class A per ASTM E84
<b>Warranty</b>	40-Year Suspension System Warranty
<b>Recycled Content</b>	30%



## Standard Panels

Edge Designation	Item Number	Modular Size	NRC*	CAC	AC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Seismic Design Category	Embodied Carbon		Low VOC	Recyclable	Packaging Information		
											Per 1m <sup>2</sup> (kg CO <sub>2</sub> - eq)	Per 1ft <sup>2</sup> (kg CO <sub>2</sub> - eq)			(Pcs/Ctn)	(Sqft/Ctn)	(Lbs/Sqft)
FE 	374514	4'x6'x1.5"	1.00 Bare Panel / 0.95 Finished System	33	190	A	✓	up to 100%	0.87	A-F	5.06	0.470	✓	✓	4	96	0.979

\*Rockfon Mono® Acoustic FE unfinished panel tested per ASTM C423 & E795 (E-400 mounting) and achieves 1.00 NRC. Full Rockfon Mono® Acoustic FE finished system is third-party tested and achieves 0.95 NRC when installed as per manufacturer guidelines.

## Chicago Metallic Drywall Grid

Detail	Product Number	Style	Length x Height x Width	Grid Coupling Type	Slotting	Structural Classification (ASTM C635)	Seismic	Pcs/Ctn	LF/Ctn	(Lbs/Ctn)
	650.00D	12' Drywall Grid Main Runner, Fire Rated	144" x 1.68" x 1-1/2"	Knuckle-Joint	8 inch	HD	A-F	20	240	83
	674.00D	4' Drywall Grid Cross Tees, Fire Rated	48" x 1.54" x 1-1/2"	Stab	12 inch	-	A-F	40	160	51
	5130K.00H	10' Knurled Wall Angle	120" x 1-1/2" x 1-1/2"	-	-	-	A-F	30	300	57

\*Use Chicago Metallic® G90 Drywall Grid when installing in humid areas.

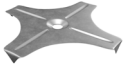





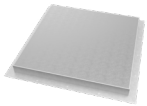






# Rockfon Mono® Acoustic FE - Colors of Wellbeing

Mustard - 751	Sand - 730	Stucco - 720			
Light reflectance: 0.36	Light reflectance: 0.55	Light reflectance: 0.70			
Scarlet - 771	Coral - 776	Seashell - 775	Petal - 774		
Light reflectance: 0.08	Light reflectance: 0.21	Light reflectance: 0.55	Light reflectance: 0.70		
Seaweed - 734	Eucalyptus - 732	Sage - 731	Mint - 712		
Light reflectance: 0.05	Light reflectance: 0.12	Light reflectance: 0.34	Light reflectance: 0.70		
Space - 749	Storm - 748	Azure - 747	Fresh - 742		
Light reflectance: 0.04	Light reflectance: 0.08	Light reflectance: 0.34	Light reflectance: 0.51		
Earth - 725	Clay - 726	Linen - 722	Sandalwood - 713	Chalk - 721	
Light reflectance: 0.22	Light reflectance: 0.22	Light reflectance: 0.29	Light reflectance: 0.49	Light reflectance: 0.51	
Ebony - 728	Cork - 724	Hemp - 723			
Light reflectance: 0.04	Light reflectance: 0.30	Light reflectance: 0.45			
Iron - 718	Concrete - 706	Mastic - 704	Zinc - 705		
Light reflectance: 0.07	Light reflectance: 0.16	Light reflectance: 0.33	Light reflectance: 0.33		
Charcoal - 709	Anthracite - 708	Gravel - 703	Plaster - 702	Stone - 701	Moon - 710
Light reflectance: 0.04	Light reflectance: 0.07	Light reflectance: 0.34	Light reflectance: 0.58	Light reflectance: 0.55	Light reflectance: 0.74

Due to the nature of the spray application and texture of Mono Acoustic Elegant Render, the surface appearance might - in particular light conditions - deviate from printed colors. Light reflection values are indicative values and are subject to the way of render application and texture of the surface.

# Rockfon Mono® Acoustic FE

## Accessories

	Detail	Rockfon Product Number	Component	Finish	Packaging	
					Quantity	Weight (Lbs/Ctn)
Mono Acoustic Accessories		248229	Mono Acoustic Mounting Bracket	Galvanized Steel	150 Pcs/Ctn	1.8
		89866	Mono Acoustic Washer	Galvanized Steel	6 Pcs/Ctn	0.5
		179322	Mono Acoustic Joint Tape	Glass Fiber	150 Lm Rolls	2
		309381	Mono Acoustic Joint Compound	Powder	15 Kg Bag	15
		309992	Mono Acoustic Elegant Render	Paint	15 Kg Bucket	15
		178116	Mono Inspection Hatch 400x400x400	Unfinished	1 Pc	2.7
		178117	Mono Inspection Hatch 600x600x40	Unfinished	1 Pc	3.6
		17213	Mono Inspection Hatch Ø700x40	Unfinished	4 Pcs/	4
Colors		Color Dependant	Mono Acoustic Elegant Render	Paint	15 Kg Bucket	15
		137604	Rockfon Mono Acoustic Filler Always use Mono Acoustic Filler when using Mono Acoustic Color Render.	Pre-mixed	20 Kg Bucket	20
Trims		252565	Infinity Perimeter Trim Straight*	Primed	Project Dependent	Project Dependent
		252566	Infinity Perimeter Trim Curved*	Primed	Project Dependent	Project Dependent
Edge Treatment		345483	Rockfon Mono Acoustic Edge Knife This specially developed Edge knife gives you the opportunity to cut a recessed edge on site, ensuring flexibility and minimum waste.	-	-	-

\*Use Rockfon® Infinity™ D Drywall Perimeter Trim for Floating Islands and Peninsulas.

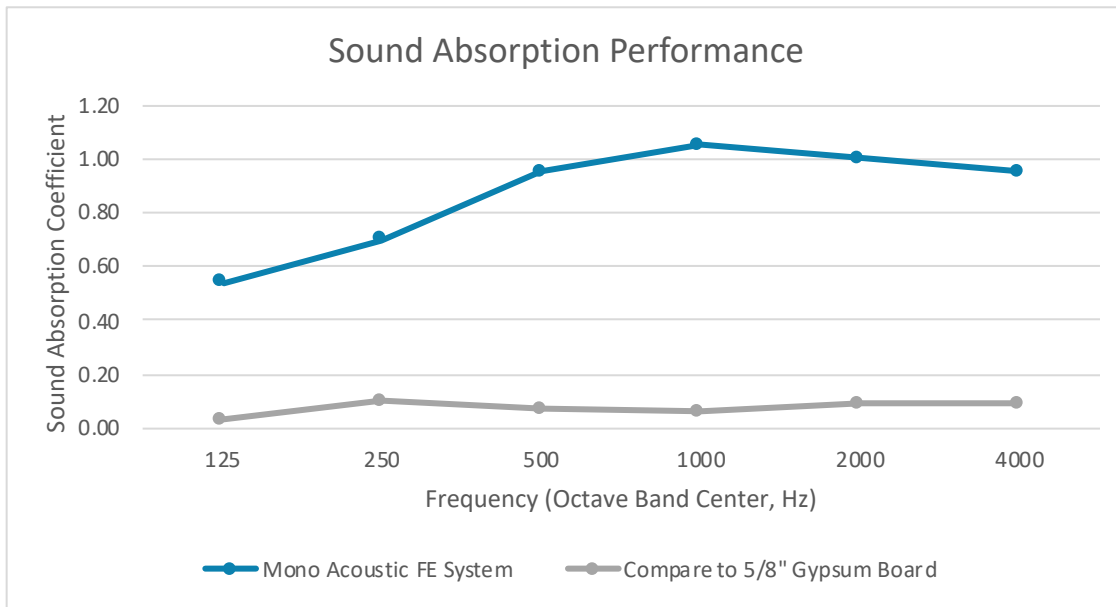
Scan for  
Installation Guide



# Rockfon Mono<sup>®</sup> Acoustic FE

## Acoustics

### Mono Acoustic FE Sound Absorption Performance



Rockfon Mono Acoustic offers the seamless visual appearance of gypsum with the addition of excellent sound absorption.

TE

### Mono Acoustic FE Sound Absorption Testing in accordance with ASTM C423 - E-Mount

Frequency (Octave Band Center, Hz)	125	250	500	1000	2000	4000	NRC	SAA
Mono Acoustic FE System	0.54	0.70	0.95	1.05	1.00	0.95	0.95	0.92

Mono Acoustic system performance includes Mono Acoustic FE panels, adhesive, Mono Acoustic joint filler and Mono Acoustic Elegant Render

### Allowable Load per ASTM C635

#### Test Data based on 1/360 Span Deflection

Allowable Load (kg/m <sup>2</sup> )	Product Number	Spacing	Hanger Spacing	Allowable Load Per ASTM C635
Main Runner	200640.00C	1200mm	1200mm	HD
Cross Channel	1500634.00C	600mm	-	1.1 kg/m (8.2 lbs/ft)

# Rockfon Mono® Acoustic FE Properties



## ASTM E1264 Classification

ASTM E1264 (2022): Type IV, Form 3, Pattern E  
ASTM E1264 (2023): Type A, Form A2.3, Pattern E



## Acoustic Performance

Rockfon Mono® Acoustic FE Ceiling panels are tested for Noise Reduction Coefficient (NRC) and Ceiling Attenuation Class (CAC) according to the following ASTM standards:

- ✓ NRC – Tested to ASTM C423
- ✓ CAC – Tested to ASTM E1414



## Fire Performance

Rockfon Mono® Acoustic FE tiles are tested for Surface Burning Characteristics to UL 723 (ASTM E84) for the US and CAN/ULC-S102 for Canada, and achieve:

Tested to US Standard Flame Spread Index: 15  
UL 723 (ASTM E84): Smoke Developed Index: 5

Canadian Standard Flame Spread Rating: 10  
CAN/ULC S102: Smoke Developed Classification: 5



## Mold and Mildew Resistance

Stone wool is inherently resistant to mold and mildew without added antimicrobials. Both, tile surface and substrate, are tested to:

- ✓ ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings)
- ✓ ASTM C1338 (Standard Test Method for Determining Fungi Growth Resistance of Insulation Materials and Facings)



## Humidity Resistance

Stone wool ceiling tiles are inherently humidity resistant and are tested to ASTM C367 (Standard Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels) and won't sag or warp even in 100% relative humidity



## Cleaning

- ✓ Vacuum



## 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)



## Seismic Rated

Suited for Design Categories A-F



## Light Reflection and Light Diffusion

87% Light reflection (White)  
>99% Light diffusion (White)  
Color-dependent (Color)



## Warranty

15-Year Limited Product Warranty.  
See [rockfon.com](http://rockfon.com)

## Sustainability



## Transparency

- ✓ Environmental Product Declaration (Product-Specific, Type III)
- ✓ Cradle to Cradle Certified Silver



## Low-Emitting Materials

UL GREENGUARD certified for low VOC (chemical) emissions and meet the California Department of Public Health (CDPH) Standard Method v1.2-2017 for offices and classroom environments



## Embodied Carbon

Global Warming Potential (GWP) kg of CO<sub>2</sub>-eq (per functional unit) from stages A1 - A3 for SQ Edge: 5.06 kg CO<sub>2</sub>-eq (per 1m<sup>2</sup>)



## Rockcycle - Closed Loop Recycle Program

All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact [rockcycle@rockfon.com](mailto:rockcycle@rockfon.com) for more information



## Discover Rockfon Mono® Acoustic FE

on Ecomedes and see how it aligns with the Common Materials Framework (CMF).

Find us on

**MasterSpec®**  
Powered by Deltek Specpoint®

## Notes:

Mono Acoustic panels are finished on-site with Mono Acoustic joint compound, Mono Acoustic joint tape and Mono Acoustic Elegant Render spray-applied acoustical surface treatment. Only certified Rockfon Mono Acoustic Installers should handle installation, maintenance, and repairs. Contact Rockfon customer service to find a certified installer near you.

Avoid creating negative air pressure in the ceiling space, as it can cause air to move through the panel surface, leading to an uneven look. If negative air pressure is unavoidable, use the Mono Acoustic TE Direct system, which adheres panels to a solid surface like gypsum.

Mono Acoustic systems are designed for indoor ceilings and walls that are not exposed to impact. Repainting the finished surface may reduce sound absorption. For design, components, and installation details, visit [rockfon.com](http://rockfon.com).



[Rockfon.com](http://Rockfon.com)

Subject to alterations in range and product technology without prior notice. Rockfon® accepts no liability for errors. ROCKWOOL A/S 2025. Rockfon® is a brand of ROCKWOOL Group. All rights reserved. R denotes a trademark that is registered in the United States of America.