Rockfon®

Part of ROCKWOOL Group

Rockfon Mono® Acoustic FE Direct

0.90 NRC Finished System

0.95 NRC Unfinished Panel

GWP AS LOW AS

5.06 kg CO_2-eq/1m²

0.470 kg CO_2 eq/ft²

Seamless Design, Unlimited Possibilities

- Designed to create a smooth, uninterrupted surface for a modern, elegant look
- Ideal for direct application to new or existing smooth, flat surfaces like gypsum or plaster
- 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 finished system NRC up to 0.90 and unfinished panel NRC of 0.95
- FE edge engineered for smoother, faster installation
- Designed for spaces with negative air pressure in the ceiling plenum
- Installed by certified Rockfon Mono Acoustic professionals to ensure precision, consistency, and long-term performance
- Supports suspended gypsum ceilings with Rockfon Chicago Metallic® drywall grid for added stability

Applications

- Office
- Education
- Leisure
- Retail
- Residential



GREENGUARD

cradle to cradle CERTIFIED SILVER

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

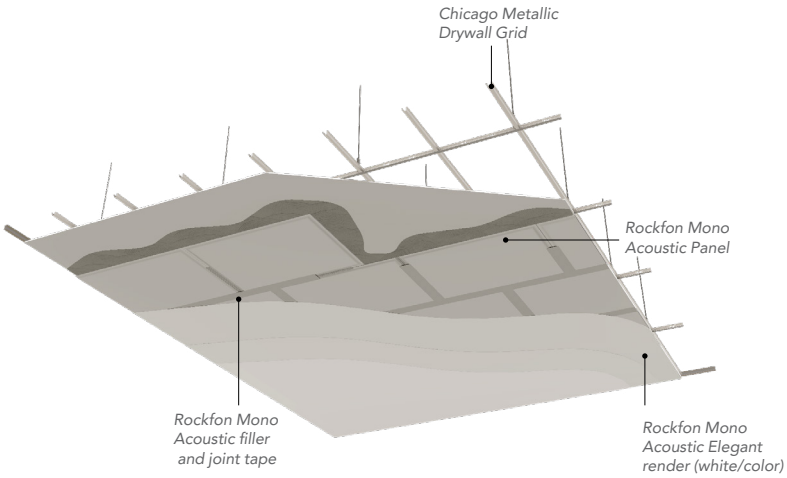
Mold and Mildew Resistance

15 YEAR WARRANTY
15-year Warranty

Part of Rockfon's Closed Loop Recycle Program

Rockfon Mono® Acoustic FE Direct

Scan to explore Rockfon Mono® Acoustic FE Direct
Sustainability Certifications and Documentation



Rockfon Mono® Acoustic FE Direct installs directly onto existing smooth, flat ceiling or wall surfaces.

Performance Properties

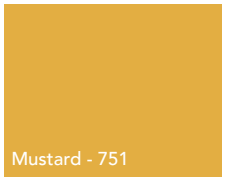
Classification	ASTM E 1264 - Standard Classification for Acoustical Ceiling Products; Type IV, Form 3, Pattern G
Base Material	Stone Wool Core with White Non-woven Front Fleece
Joints	Rockfon Joint Tape and Joint Compound - Site Applied
Surface	Rockfon Mono Acoustic Elegant Render - Site Applied (White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

Standard Panels

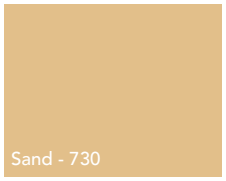
Edge Designation	Item Number	Modular Size	NRC*	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon Per 1m² (kg CO_2 - eq)	Embodied Carbon Per 1ft² (kg CO_2 - eq)	Low VOC	Recyclable	Packaging Information (Pcs/ Ctn)	Packaging Information (Sqft/ Ctn)	Packaging Information (Lbs/ Sqft)
FE  Edge	376658	3'x4'x1.5"	0.95 Bare Panel / 0.90 Finished System	A	✓	Up to 100%	0.87	5.06	0.470	✓	✓	6	72	0.986

**Rockfon Mono® Acoustic FE Direct unfinished panel tested per ASTM C423 & E795 (E-400 mounting) and achieves 0.95 NRC.*
Full Rockfon® Mono® Acoustic FE Direct finished system is third-party tested and achieves 0.90 NRC when installed as per manufacturer guidelines.

Rockfon Mono® Acoustic FE Direct - Colors of Wellbeing



Light reflectance: 0.36

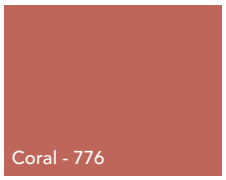


Light reflectance: 0.55

Light reflectance: 0.70



Light reflectance: 0.08



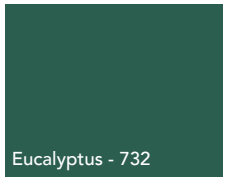
Light reflectance: 0.21

Light reflectance: 0.55

Light reflectance: 0.70



Light reflectance: 0.05

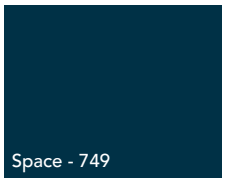


Light reflectance: 0.12

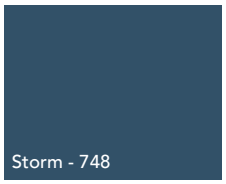


Light reflectance: 0.34

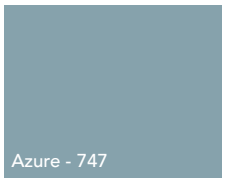
Light reflectance: 0.70



Light reflectance: 0.04



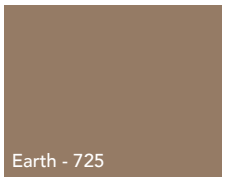
Light reflectance: 0.08



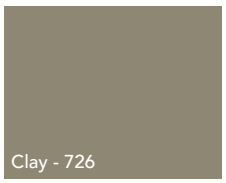
Light reflectance: 0.34



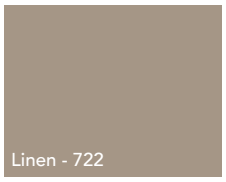
Light reflectance: 0.51



Light reflectance: 0.22



Light reflectance: 0.22

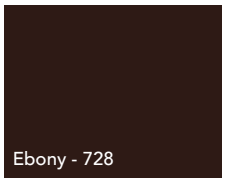


Light reflectance: 0.29

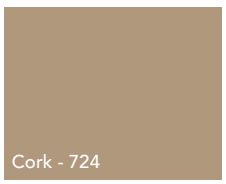


Light reflectance: 0.49

Light reflectance: 0.51



Light reflectance: 0.04



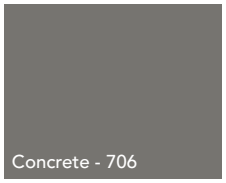
Light reflectance: 0.30



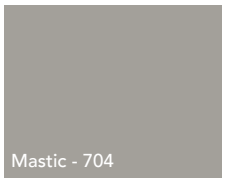
Light reflectance: 0.45



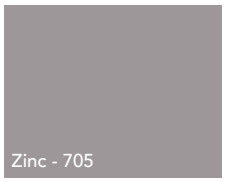
Light reflectance: 0.07



Light reflectance: 0.16



Light reflectance: 0.33



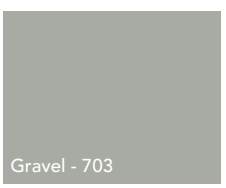
Light reflectance: 0.33



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 Direct

Accessories

	Detail	Rockfon Product Number	Component	Finish	Packaging	
					Quantity	Weight (Kg/Ctn)
Mono Acoustic Accessories		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
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
		252565	Infinity Perimeter Trim Straight*	Primed	Project Dependent	Project Dependent
		252566	Infinity Perimeter Trim Curved*	Primed	Project Dependent	Project Dependent
		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.	-	-	-

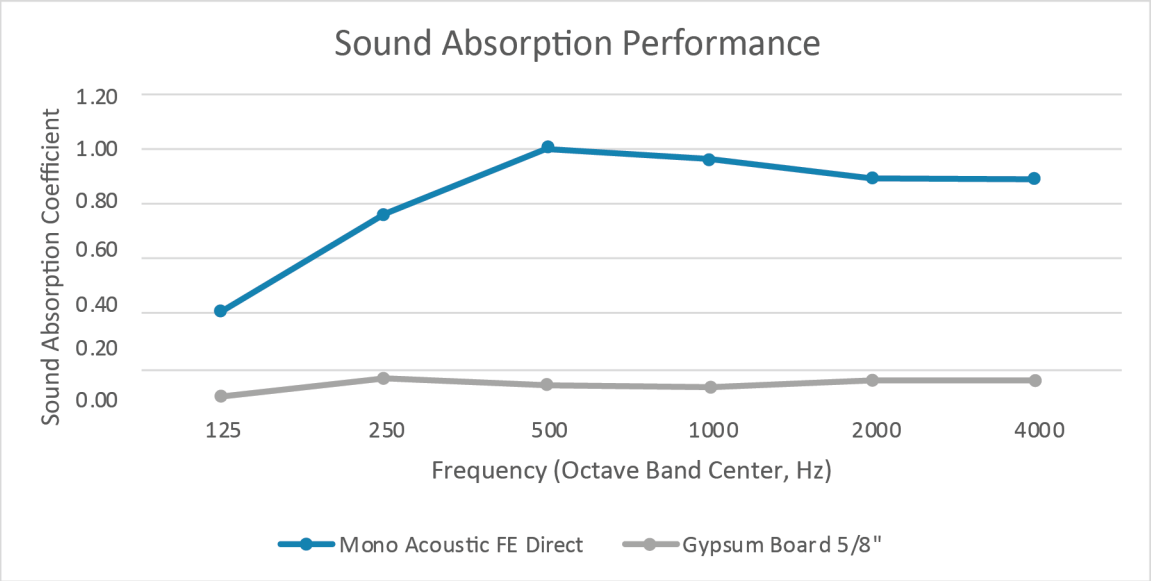
**Use Rockfon® Infinity™ D Drywall Perimeter Trim for Floating Islands and Peninsulas.*

Scan for Installation Guide

Rockfon Mono® Acoustic FE Direct

Acoustics

Mono Acoustic FE Direct Sound Absorption Performance



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

Mono Acoustic FE Direct 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 Direct System	0.36	0.74	1.01	0.96	0.89	0.88	0.90	0.92

Mono Acoustic system performance includes 5/8" gypsum panel, Mono Acoustic panels, adhesive, Mono Acoustic joint filler and Mono Acoustic Elegant Render.

Rockfon Mono® Acoustic FE Direct 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 Direct Ceiling panels are tested for Noise Reduction Coefficient (NRC) according to the following ASTM standard:
✓ NRC – Tested to ASTM C423

Fire Performance
Rockfon Mono® Acoustic FE Direct 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 UL 723 (ASTM E84):	Flame Spread Index: 15 Smoke Developed Index: 5
Canadian Standard CAN/ULC S102:	Flame Spread Rating: 10 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)

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

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_2-eq (per functional unit) from stages A1 - A3 for SQ Edge: 5.06 kg CO_2-eq (per 1m²)

Rockcycle - Closed Loop Recycle Program
All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact rockcycle@rockfon.com for more information

Discover Rockfon Mono® Acoustic TE Direct
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.

Rockfon.com

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