

# Rockfon Mono® Acoustic TE



## Seamless Design, Unlimited Possibilities

- Adapts to any project, from seamless ceilings to floating islands and wall applications
- Bright, ultra-matte white surface with 87% light reflectance enhances natural lighting and reduces energy use

## + Performance

- Delivers outstanding acoustic comfort with up to NRC 0.95 for installed systems
- Installs similarly to gypsum, allowing for easy integration of access panels and other building elements
- Certified Rockfon Mono Acoustic installers ensure precision, quality, and long-term reliability
- Designed for compatibility with Rockfon Chicago Metallic® drywall grid, offering effortless installation and strong structural support

## Applications

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



**High Acoustic Absorption**



**Class A Fire Performance**



**Moisture and Sag Resistance**



**Smooth, Modern Aesthetics**



**Mold and Mildew Resistance**



**15-year Warranty**

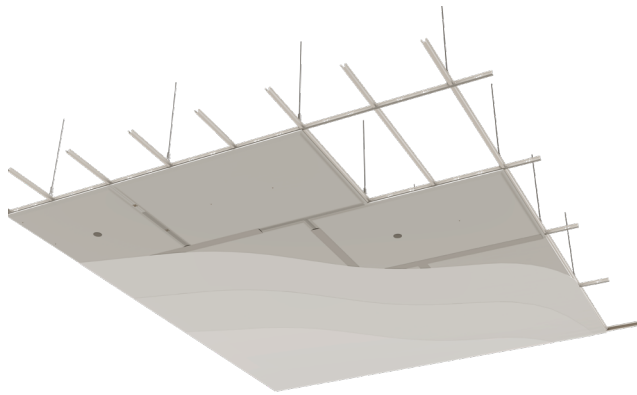


# Rockfon Mono® Acoustic TE



Scan to explore Rockfon Mono® Acoustic TE

Sustainability Certifications and Documentation



Rockfon Mono® Acoustic TE 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>	White Rockfon Mono Acoustic Elegant Render - Site Applied
<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>	Knurled Face Hot-Dip Galvanized Steel Capping (HDG-40)
<b>End Details</b>	<b>Main Runners:</b> Bayonet-End Coupling <b>Cross Channel:</b> Hook-End
<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 (mm)	NRC*	CAC	AC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	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)	(Kg/ Ctn)	Ctn/ Pallet
TE Tapered Edge	308086	1200 x 1800 x 40	1.00 Bare Panel / 0.95 Finished System	33	190	A	✓	up to 100%	0.85	5.06	0.470	✓	✓	4	47	6

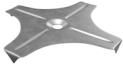




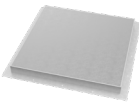
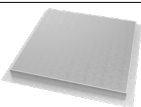

\*Rockfon® Mono® Acoustic TE unfinished panel tested per ASTM C423 & E795 (E-400 mounting) and achieves 1.00 NRC. Full Rockfon® Mono® Acoustic TE finished system is third-party tested and achieves 0.95 NRC when installed as per manufacturer guidelines.

## Chicago Metallic Drywall Grid

Detail	Product Number	Style	Length x Height x Width	Grid Coupling Type	Slotting	Structural Classification (ASTM C635)	Recycled Content	Packaging Information		
								Lm/Ctn	Pcs/Ctn	Weight (kg/ Ctn)
	200640.00C	Main Runner - Knurled Face	3600mm x 38mm x 35mm	Bayonet-End	200mm	HD	30%	72	20	39
	150634.00C	Cross Channel - Knurled Face	1200mm x 22mm x 35mm	Hook-in	None	-	30%	60	50	26
	1501450.00C	Drywall Track	3600mm x 40mm x 25mm x 25mm Top Leg	-	None	-	30%	36	10	11
	AX087X500P	Wall Spring Clip	-	-	-	-	-	-	500	2

# Rockfon Mono® Acoustic TE

## Accessories

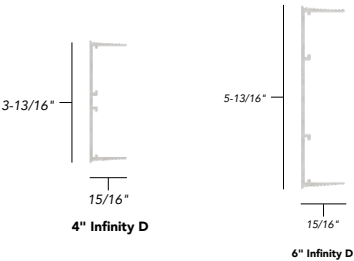
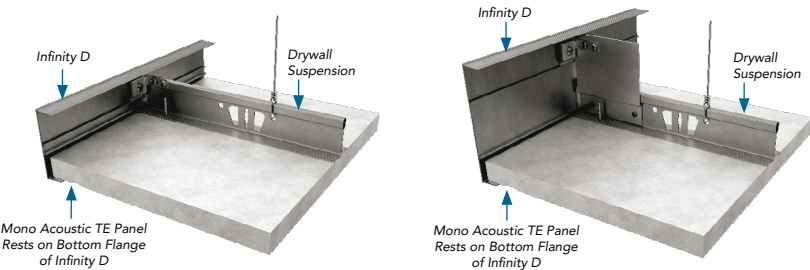
	Detail	Rockfon Product Number	Component	Finish	Packaging	
					Quantity	Weight (Kg/Ctn)
Mono Acoustic Accessories		248229	Mono Acoustic Mounting Bracket	Galvanized Steel	150 Pcs/Ctn	1.8
		179322	Mono Acoustic Washer	Galvanized Steel	6 Pcs/Ctn	0.5
		89866	Mono Acoustic Joint Tape	Glass Fiber	150 Lm Rolls	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
		177213	Mono Inspection Hatch Ø700x40	Unfinished	4 Pcs	4

Fasteners by others

Scan for  
Installation Guide



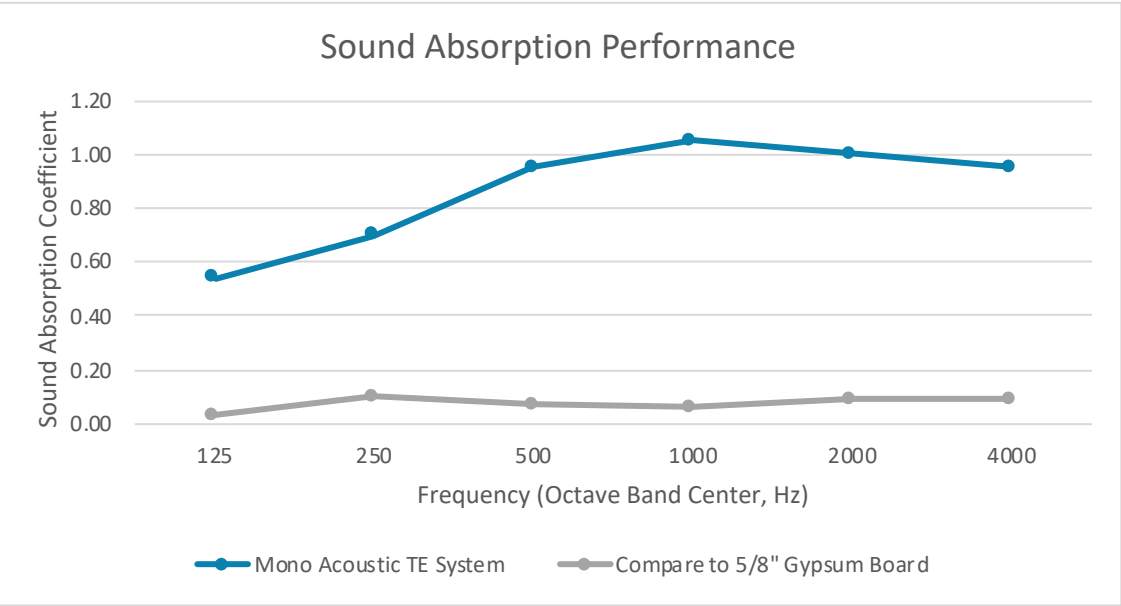
Infinity™ D Perimeter Trim for Floating Islands and Peninsulas. Available Straight or Curved.



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

## Acoustics

### Mono Acoustic TE Sound Absorption Performance



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

### Mono Acoustic TE 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 TE System	0.54	0.70	0.95	1.05	1.00	0.95	0.95	0.92

Mono Acoustic system performance includes Mono Acoustic TE 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/m2)	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 TE Properties



## ASTM E1264 Classification

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



## Fire Performance

Rockfon Mono® Acoustic TE 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 Index: 0  
CAN/ULC S102:            Smoke Developed Index: 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 (Elegant Render)  
>99% Light diffusion (Elegant Render)



## Warranty

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

## Sustainability



### Transparency

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



### 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 TE

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

Find us on

**MasterSpec®**  
Powered by Deltek Specpoint®

BIM/Revit objects available at:  
<https://www.rockfon.com/en-us/products/mono-acoustical-ceilings/rockfon-mono-acoustic-te/>

## 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](https://rockfon.com).



[Rockfon.com](https://rockfon.com)

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