

Rockfon Mono® Acoustic TE Flecto

Seamless Design, Unlimited Possibilities

- Creates a continuous, monolithic appearance for undisturbed, artistic designs
- Panels can be bent to follow undulating surfaces to 1500 mm minimum radius
- Bright white panels with 87% light reflection enhances natural light and reduces energy use

+ Performance

- High acoustic comfort with up to NRC 0.95 for installed systems
- Attach panels to existing smooth, curved surfaces, or create new ones using Rockfon Chicago Metallic® curved drywall grid and gypsum pane
- Certified Rockfon Mono Acoustic installers ensure precision, quality, and long-term reliability



Applications

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



High Acoustic Absorption



Class A Fire Performance



Moisture and Sag Resistance



Smooth, Modern Aesthetics



Mold and Mildew Resistance



15-year Warranty

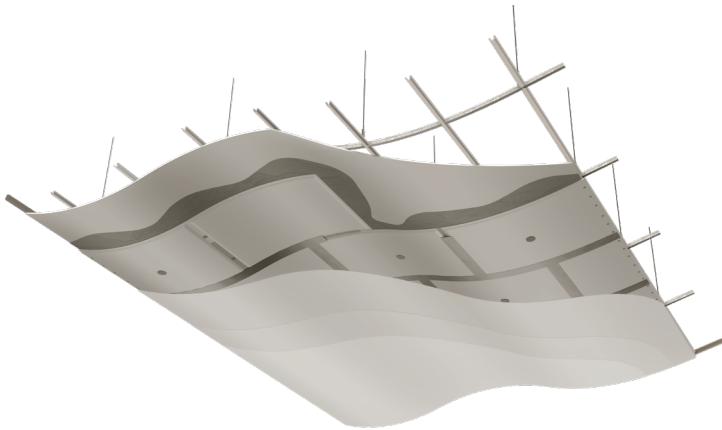


Rockfon Mono® Acoustic TE Flecto



Scan to explore Rockfon Mono® Acoustic TE Flecto

Sustainability Certifications and Documentation



Rockfon Mono® Acoustic TE Flecto curves smoothly across ceilings and walls, attaching to flat or contoured framing.

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	White Rockfon Elegant Render - Site applied
Warranty	15-Year Limited Component Warranty

Standard Panels

Edge Designation	Item Number	Modular Size (mm)	NRC*	CLASSIFIED		Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon		Low VOC	Recyclable	Packaging Information		
										Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)			(Pcs/Ctn)	(Kg/Ctn)	Ctn/Pallet
TE 	308079	900 x 1200 x 40	0.95 Bare Panel / 0.90 Finished System			A	✓	up to 100%	0.87	5.06	0.470	✓	✓	6	40.2	4

*Rockfon® Mono® Acoustic TE Flecto unfinished panel tested per ASTM C423 & E795 (E-400 mounting) and achieves 0.95 NRC.

Full Rockfon® Mono® Acoustic TE Flecto finished system is third-party tested and achieves 0.90 NRC when installed as per manufacturer guidelines.

Rockfon Mono® Acoustic TE Flecto

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

Fasteners by others.

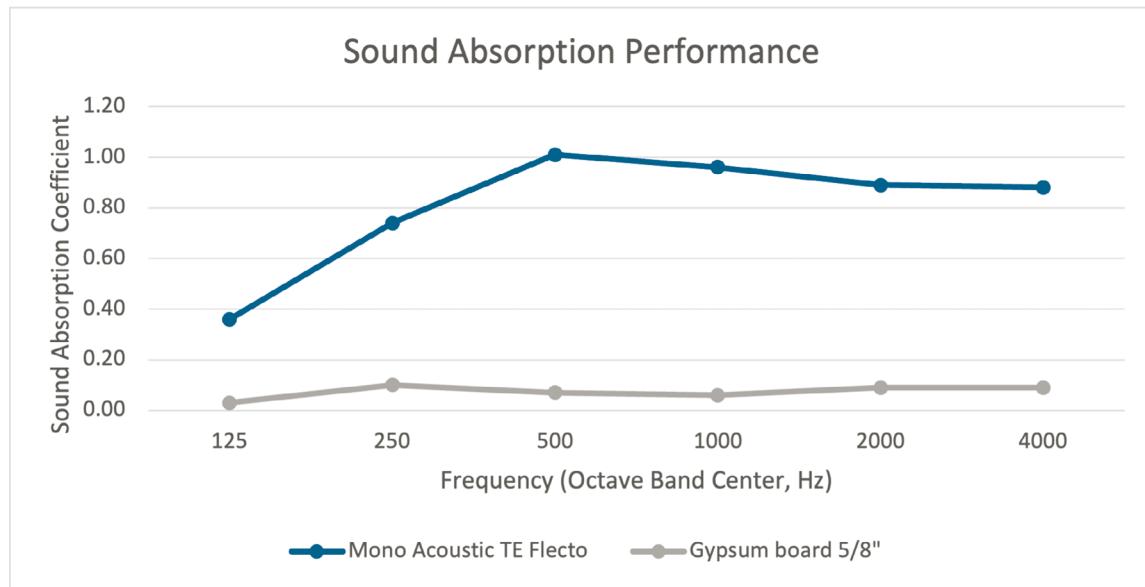
Scan for
Installation Guide



Rockfon Mono® Acoustic TE Flecto

Acoustics

Mono Acoustic TE Flecto Sound Absorption Performance



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

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

Mono Acoustic systems performance includes Mono Acoustic panels, Mono Acoustic joint filler and Mono Acoustic Elegant Render.

Rockfon Mono® Acoustic TE Flecto 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 Flecto 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

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



Emodied Carbon

Global Warming Potential (GWP) kg of CO₂-eq (per functional unit) from stages A1 - A3 for SQ Edge: 5.06 kg CO₂-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 Flecto

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:

rockfon.com/products/mono-acoustical-ceilings/
rockfon-mono-acoustic-te-flecto/

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.

Rockfon Mono® Acoustic should only be installed, maintained and repaired by certified Rockfon Mono® Acoustic Installers. Please contact Rockfon customer service for contact details of your nearest certified installer.

Mono Acoustic systems are suitable for interior ceiling and wall applications not subject to impact.

If the finished installation is repainted, a reduction in sound absorption should be anticipated.

Refer to rockfon.com for design, components and installation recommendations.



Rockfon.com

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