

Rockfon® Mono® Acoustic TE Flecto



(Bare panel NRC 0.95)

The Seamless Integration of Expression ...

- Presents a continuous, monolithic appearance for undisturbed, artistic designs
- 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 Mono Acoustic Elegant Render acoustical finish applied on site

+ Performance

- Exceptional acoustical performance (up to NRC 0.90 for installed systems)
- Attach panels to existing smooth, curved surfaces, or create new ones using Rockfon Chicago Metallic® curved drywall grid and gypsum panel
- Certified Rockfon Mono Acoustic installers provide quality and peace of mind

Applications

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



Rockfon ceiling tiles are manufactured using advanced stone wool technology. All stone wool tiles benefit from:



High Acoustic Absorption



Fire Performance - Class A



Moisture and Sag Resistance



Smooth, Modern Aesthetics

Materials and Resources (MR)

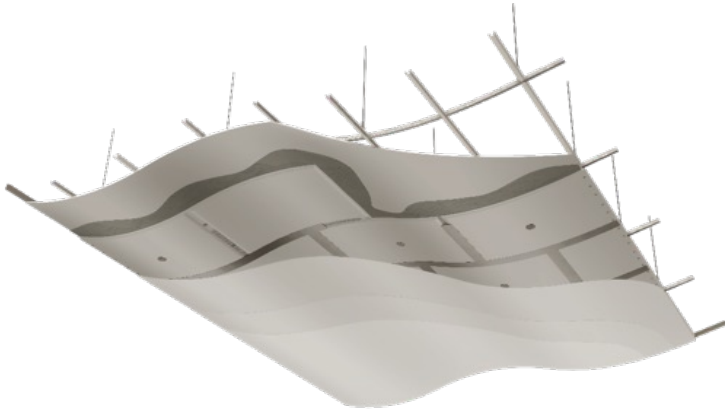
- Waste Management Planning -
- Interiors Life Cycle Impact Reduction ✓
- Environmental Product Declarations ✓
- Sourcing of Raw Materials ✓
- Material Ingredients ✓
- Waste Management -

Indoor Environmental Quality (EQ)

- Interior Lighting ✓
- Acoustic Performance ✓

Recycled Content: up to 48%

Rockfon® Mono® Acoustic TE Flecto



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

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



Flecto Panels



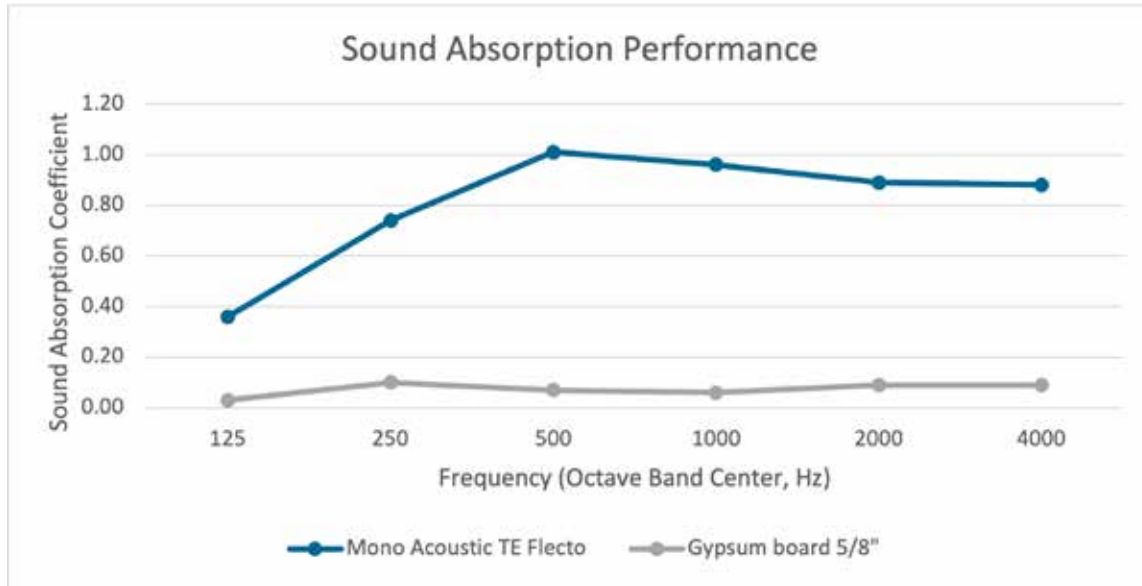
Panel Type	Edge	Item number	Panel Size (mm)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (Relative Humidity)	Low VOC	Mold and Mildew Resistance	Packaging		
											Packaging (Pcs/Ctn)	Weight (Kg/Ctn)	Ctn/Pallet
Rockfon Mono Acoustic TE Flecto Panel													
	TE (Tapered Edge)	308079	900 x 1200 x 40	0.95 Bare Panel / 0.90 Finished System	-	A	0.87	Up to 100%	Greenguard	10	6	40.2	4

Other Mono Acoustic Components	Product Number	Component	Finish	Packaging	
				Quantity	Weight (Kg/Ctn)
	248229	Mono Acoustic Mounting Bracket	Galvanized Steel	150 pcs ctn	1.8
	179322	Mono Acoustic Washer	Galvanized Steel	250 pcs ctn	0.5
	89866	Mono Acoustic Joint Tape	Glass Fiber	(6) 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.

Performance

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



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 stonewool
29% to 64% recycled content according to ISO 14021



Indoor Environment

GREENGUARD Certification per UL 2821



Humidity and Sag Resistance

Up to 100% RH
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
See rockfon.com

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.



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CERTIFIED Environmental
Product Declaration