Rockfon®

Part of ROCKWOOL Group

Rockfon® Contour™

UP TO 8.0 SABINS PER BAFFLE

Features & Benefits

- Innovative and aesthetically pleasing frameless acoustical baffles in smooth matte White finish.
- Quick and easy to install.
- Variety of rectangular and wave shapes offer versatility in architectural designs.
- Use alone or in combination with an existing acoustic ceiling to enhance the sound absorption.
- Rockfon® Contour™ baffles are UL GREENGUARD certified for low chemical emissions to support overall indoor air quality.

Applications

- Education
- Retail
- Healthcare
- Office
- Leisure
- Open Plan Space

mindful MATERIALS

GREENGUARD CERTIFIED

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

ENVIRONMENTAL PRODUCT DECLARATION UL.COM/EPD

High Acoustic Absorption

Class A Fire Performance

Moisture and Sag Resistance

Smooth, Modern Aesthetics

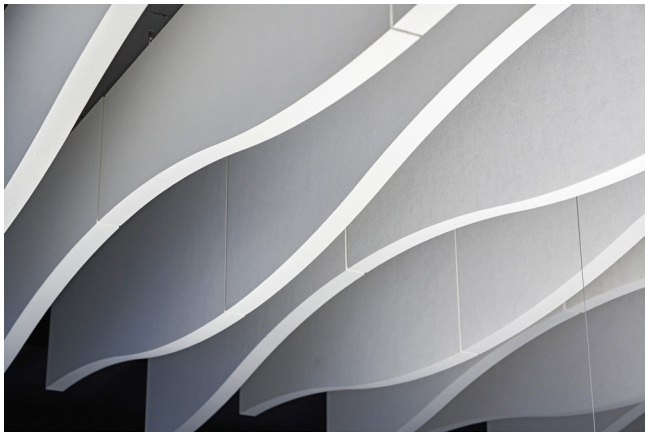
Mold and Mildew Resistance

30 YEAR WARRANTY

30-year Warranty Applies to All Stone Tiles and Panels

Rockfon® Contour™

Rockfon Contour™ stone wool acoustical frameless baffles unite form and function. These elegant baffles offer fast and hassle-free installation, blending into any ceiling design. Contour allows designers to create waves, shapes, or a sleek linear look, adding artistry to ceilings and setting a new standard for performance, aesthetics, and versatility.



LEED® v4.1 Highlights

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)

Low-Emitting Materials	✓
Interior Lighting	✓
Acoustic Performance	✓

Recycled Content: 43%

High Performance Factors

Base Material	Stone Wool
Surface	Smooth White
Fire Performance	Class A Tested to US Standard ASTM E84: Flame Spread Index: 5, Smoke Developed Index: 0 Canadian Standard CAN/ULC S102: Flame Spread Index: 0, Smoke Developed Index: 5
Mold and Mildew Resistance	Inherently Resistant Tested to ASTM D3273: 10 (Scale of 0 to 10, 10 being highest performing) Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Baffles Pass)
Low VOC	UL GREENGUARD Certified
Warranty	30-Year Warranty

Standard Panels

Shape	Edge Designation	Item Number	Dimensions H x L x T (in)	Fire Class	Mold & Mildew Resistance	Low VOC	Light Reflectance	Embodied Carbon Per 1m² (kg CO2 - eq)	Embodied Carbon Per 1ft² (kg CO2 - eq)	lbs/ pc	pcs/ ctn	Screw Eyes Included in the box (1 bag = 8 screw eyes)
Rectangle	SQe	345404	12" x 47.5" x 2"	A	✓	Y	0.79	6.13	0.570	5	8	2 bags
		345406	24" x 47.5" x 2"	A	✓	Y	0.79	6.13	0.570	9.5	4	1 bag
		345407	12" x 71" x 2"	A	✓	Y	0.79	6.13	0.570	7	8	2 bags
		345409	24" x 71" x 2"	A	✓	Y	0.79	6.13	0.570	14.5	4	1 bag
Wave		345413	6"/12" x 47.5" x 2" Wave	A	✓	Y	0.79	6.13	0.570	3.5	8	2 bags
		345416	12"/18" x 47.5" x 2" Wave	A	✓	Y	0.79	6.13	0.570	6	4	1 bag
		345419	18"/24" x 47.5" x 2" Wave	A	✓	Y	0.79	6.13	0.570	8.5	4	1 bag

Rockfon® Contour™ Baffles are not suitable for use above swimming pools or outdoors.
Rockfon® Contour™ Baffles are decorative acoustic products and not designed for impact resistance.

Rockfon® Contour™

Accessories

Detail	Rockfon Part Number	Product Description	Packaging	
			Pcs/ Ctn	Lbs/ Ctn
	N/A	Steel Screw Eye (delivered along with the baffle) with 4.85 mm diameter	Delivered along with the baffles. The weight of anchor and screw eyes: 0.07 lb/baffle	
	N/A	Pre-embedded plugs		
	233139	Suspension Kit - Classic Solution 59" Long (The Rockfon® Contour™ Classic Suspension Kit can be secured using a standard setscrew that corresponds to the relevant soffit material (e.g. concrete, wood, etc.)	12	1.15
	233134	Suspension Kit - Design Solution 59" Long (The Rockfon® Contour™ Design Suspension Kit features a refined cylindrical capping that hides the screw thread and provides a visually appealing finish. It can be fastened using a standard set screw that corresponds to the relevant soffit material. Alternatively an M6 thread wire can be used.)	12	1.5
	470	Standard Eyelet Suspension Kit Adjustable 120" long metal wire kit.	10	1.12
	322149	Spacer	200 pcs / box	0.55
		Please refer to Contour Baffles Installation Guide for further details.		

Rockfon® Contour™

Acoustics

	Sabins of Sound Absorption per Rectangular Baffle						Array-NRC		
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	Row Spacing 12" O.C.	Row Spacing 18" O.C.	Row Spacing 24" O.C.
Rectangular 12" x 47.5" x 2"	0.7	1.5	3.6	5.4	5.0	4.0	1.00	0.70	0.50
Rectangular 12" x 71" x 2"	1.1	2.0	4.7	6.1	5.7	5.6	1.00	0.70	0.50
Rectangular 24" x 47.5" x 2"	1.7	2.8	5.4	6.6	6.0	5.8	1.35	0.90	0.70
Rectangular 24" x 71" x 2"	1.7	4.1	7.5	8.0	7.3	7.9	1.35	0.90	0.70

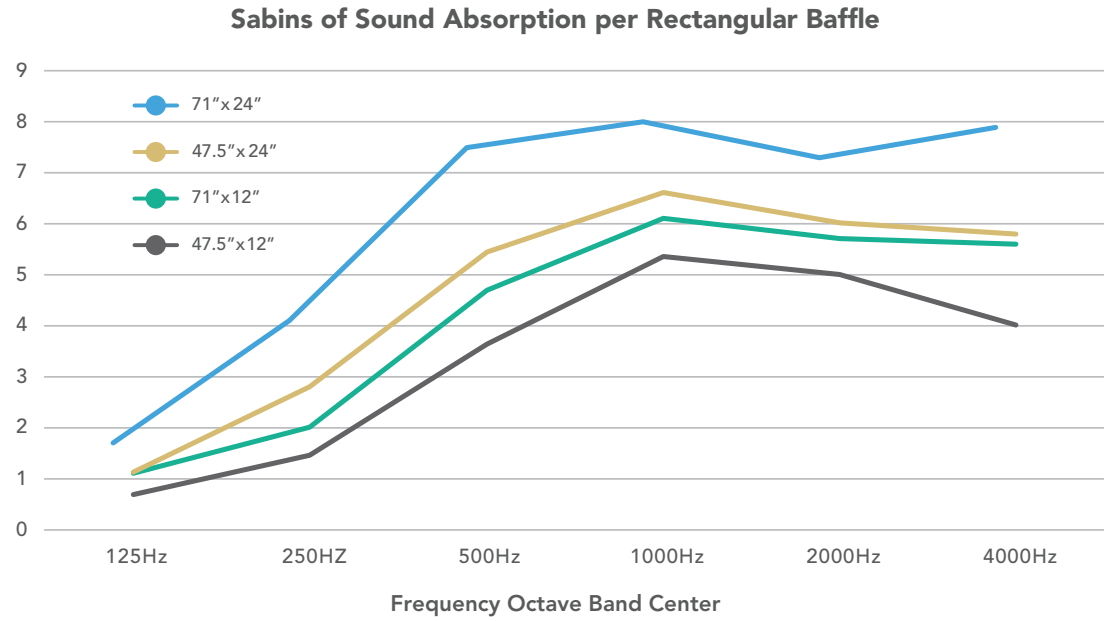
Notes: 1. Sabins of Sound Absorption has been tested with baffles suspended 12" below reflective surface.

2. Array-NRC is calculated per ASTM C423-23 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method, Appendix X2 Sound Absorption Ratings for Arrays of Spaced Objects.

3. Array-NRC relates to the overall absorption provided by an array of Baffles. To increase Array-NRC, decrease the space between Baffles or select taller Baffles. Array-NRC is not the NRC rating of the surface of an individual Baffle.

4. Array NRC values for 12" and 18" nominal row spacing are extrapolated from tests done on Baffles spaced 24" apart.

5. Dimensions are nominal. Contact Rockfon for actual sizes.



Rockfon® Contour™

Acoustics

	Sabins of Sound Absorption per Wave Baffle						Array-NRC		
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	Row Spacing 12" O.C.	Row Spacing 18" O.C.	Row Spacing 24" O.C.
Wave 48" x 6/12" x 2"	0.6	1.2	2.9	4.7	4.5	3.4	0.85	0.60	0.40
Wave 48" x 12/18" x 2"	1.1	1.5	4.2	5.8	5.4	5.4	1.10	0.70	0.55
Wave 48" x 18/24" x 2"	1.2	1.4	5.2	6.3	6.0	5.8	1.30	0.85	0.65

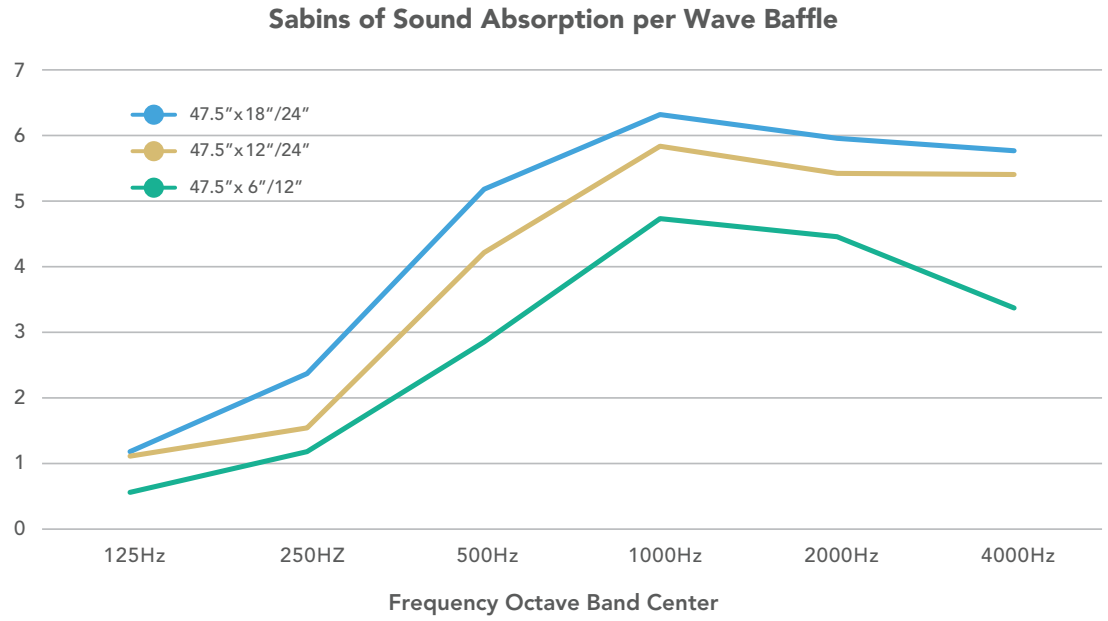
Notes: 1. Sabins of Sound Absorption has been tested with baffles suspended 12" below reflective surface.

2. Array-NRC is calculated per ASTM C423-23 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method, Appendix X2 Sound Absorption Ratings for Arrays of Spaced Objects.

3. Array-NRC relates to the overall absorption provided by an array of Baffles. To increase Array-NRC, decrease the space between Baffles or select taller Baffles. Array-NRC is not the NRC rating of the surface of an individual Baffle.

4. Array NRC values for 12" and 18" nominal row spacing are extrapolated from tests done on Baffles spaced 24" apart.

5. Dimensions are nominal. Contact Rockfon for actual sizes.



Rockfon® Contour™ Properties

Material

Stone wool (Mineral Wool) frameless baffle with factory applied water-based paint on glass scrim surface on both sides of baffle.

ASTM E1264 Classification

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

Fire Performance

Rockfon® Contour™ Baffles achieve Class A fire requirements and are tested for Surface Burning Characteristics to ASTM E84 for the US and CAN/ULC S102 for Canada.

Rockfon® Contour™ Surface burning characteristics:

UL723 (ASTM E84):	Flame Spread Index: 0
	Smoke Developed Index: 5
CAN/ULC S102:	Flame Spread Index: 5
	Smoke Developed Index: 0

Mold and Mildew Resistance

Stone wool ceiling tiles are tested to ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings) and ASTM C1338 (Standard Test Method for Determining Fungi Growth Resistance of Insulation Materials and Facings).

Cleaning

✓ Vacuum

Sustainability

Rockfon® Contour™ Baffles are 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.

Selected potential applications: LEED, WELL, CHPS, LBC, Green Globes, BREEAM Int. and CALGreen

✓ UL GREENGUARD
✓ Environmental Product Declaration (Product-Specific, Type III)

Environment

43% recycled content. Recycling content based on the primary production location.

Embodied Carbon

Global Warming Potential (GWP) kg of CO_2-eq (per functional unit) from stages A1 - A3:
6.13 kg CO_2-eq (per $1m^2$) / 0.570 kg CO_2-eq (per $1ft^2$)*
**For all other edge types, refer to p. 2*

Warranty

30-Year Limited Product Warranty
See rockfon.com

GREENGUARD Certified for low-VOC emissions

CERTIFIED Environmental Product Declaration

082224

Rockfon
4849 S. Austin Ave.
Chicago, IL 60638 USA

Tel. +1-800-323-7164
cs@rockfon.com
rockfon.com

2024 | Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.
© ROCKWOOL A/S 2022. All rights reserved.
® denotes a trademark that is registered in the United States of America.