

# Rockfon Tropic<sup>®</sup>

Design Collection

## Features & Benefits

- Smooth white surface brightens interiors with a modern aesthetic
- Enhanced sound absorption with NRC 0.85 and optimal system CAC up to 52
- Available in square lay-in and tegular for design flexibility
- Stone wool is inherently mold and mildew resistant and do not include antimicrobials
- Compliant with the Build America, Buy America Act (BABAA)

## Applications

- Office
- Classroom
- Reception
- Retail
- Hospitality

Tile Performance



System Performance



See Table 2

GWP AS LOW AS



0.190 kg CO<sub>2</sub>-eq/ft<sup>2</sup>  
2.04 kg CO<sub>2</sub>-eq/1m<sup>2</sup>



**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**



**30-year Warranty Applies to All Stone Wool Tiles and Panels**



**Part of Rockfon's Closed Loop Recycle Program**



## High Performance Factors

<b>Base Material</b>	Stone Wool
<b>Surface</b>	Smooth White Surface
<b>Fire Performance</b>	Class A Tested to US Standard ASTM E84: Flame Spread Index: 0 Smoke Developed Index: 5 Canadian Standard CAN/ULC S102: Flame Spread Index: 5 Smoke Developed Index: 0
<b>Warranty</b>	30-Year Tile Warranty

<b>Mold &amp; Mildew Resistance</b>	Inherently Resistant (applies to stone wool substrate and tile surfaces) Tested to ASTM D3273: 10 (Scale of 0 to 10, 10 being highest performing) Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Tiles Pass)
<b>Sag Resistance</b>	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
<b>Low VOC</b>	UL GREENGUARD Gold Certified



Table 1  
**Tropic Panels**

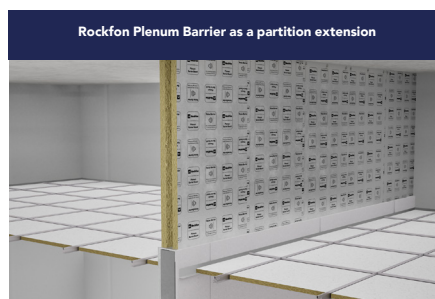
Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon		Low VOC	Recyclable	Packaging Information	
								Per 1m <sup>2</sup> (kg CO <sub>2</sub> - eq)	Per 1ft <sup>2</sup> (kg CO <sub>2</sub> - eq)			lbs/sqft	sqft/carton
 SQ Square Lay-In	1000	2' x 2' x 5/8"	0.85	A	✓	up to 100%	0.85	2.04	0.190	✓	✓	0.38	112
	1001	2' x 4' x 5/8"	0.85	A	✓	up to 100%	0.85	2.04	0.190	✓	✓	0.38	112
	1009	20" x 60" x 3/4"	0.90	A	✓	up to 100%	0.85	2.04	0.190	✓	✓	0.45	83.33
 SLN Square Tegular Narrow	1020	2' x 2' x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	56
	1021	2' x 4' x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	112
 SL Square Tegular	1060	2' x 2' x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	56
	1061	2' x 4' x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	112

Table 2  
**System Performance with Tropic Panels - CAC 40-52<sup>1</sup>**

Product	NRC	Plenum Barrier Board as Ceiling Panel Backer (Horizontal Application) <sup>2</sup>	Plenum Barrier Board as Partition Extension (Vertical Application)		Plenum Barrier Board
			Single-Layer	Double-Layer	
Tropic 5/8"	0.85	44	40	52	Rockfon® Plenum Barrier Board is a stone wool noise blocking panel, which is installed over partitions inside ceiling plenums, on top of ceiling panels or under partitions in raised-floor plenums to increase sound insulation and privacy between rooms.  Actual board size 2' x 4' x 1-1/2" (SKU#7900) with fiber reinforce foil facing on one side. <a href="#">Click to access Rockfon Plenum Board datasheet.</a>

<sup>1</sup>Use the system in Table 2 that provides a CAC rating at least equal to the STC rating of the partition between the rooms.

<sup>2</sup>Assumes plenum barrier applied to full ceilings both sides of walls. Contact Rockfon for performance of 1-side and not the other.



Click Here or Scan QR Code to see more information in The Ceilings Book™.

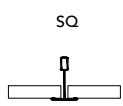
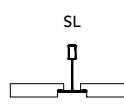
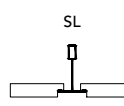
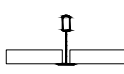
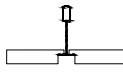
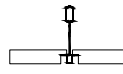
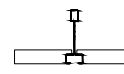
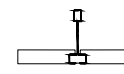
Table 3

## Tropic Module Tiles



Edge Designation	Item Number	Modular Size (nominal)	NRC*	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)			lbs/sqft	sqft/carton
 SLN Square Tegular Narrow	1030	4" x 24" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	20
	1040	4" x 48" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	40
	1031	6" x 24" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	20
	1041	6" x 48" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	40
	1032	12" x 24" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	20
	1042	12" x 48" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	40
 SL Square Tegular	1070	4" x 24" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	20
	1080	4" x 48" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	40
	1071	6" x 24" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	20
	1081	6" x 48" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	40
	1072	12" x 24" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	20
	1082	12" x 48" x 5/8"	0.85	A	✓	up to 100%	0.85	2.43	0.226	✓	✓	0.47	40

\* Items not UL Listed

## Product Compatibility

15/16" Suspension Systems	9/16" Suspension Systems
200, 1200 and Fire Rated Systems	4000, 4500, 4600 and Fire Rated Systems
 SQ Square Lay-in	 SLN - Square Tegular Narrow (2' x 2' & 2' x 4' only)
 SL Square Tegular	 4000 - Tempra
	 4000 - Tempra
	 4200 - Integrity
	 4500 - Ultraline 1/4" reveal
	 4600 - Ultraline 1/8" reveal

## Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
General Clips*		250348	935.00	Universal Hold Down Clip	1000	16
		252923	425.01	Hold Down Clip for 5/8" Board 250/1250 Systems	200	2
		250343	820.00	Hold Down Clip for 5/8" Board 250/1250 Systems	1000	7
		237949	490.00	Hold Down Clip for 0" - 3/4" Panels (Black)	100	2
		237952	491.00	Hold Down Clip for 3/4" - 1-1/4" Panels (Blue)	150	2
		250324	426.01	Butterfly Retention Clip for 0" - 1" Panels	200	15
Tile Paint		307988	RFN941	Edge Paint for Field Cut Panels White - 1/2" pint. Brush included.	Can	1
		307989	RFN941Q	Edge Paint for Field Cut Panels White - 32 oz	Can	1

\*Clips should be chosen as per tile thickness

Scan for Full  
Accessories Guide



# Rockfon Tropic® Properties

## Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint on glass scrim surface.



### ASTM E1264 Classification

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



### Acoustic Performance

Rockfon Tropic® ceiling panels are tested for Noise Reduction Coefficient (NRC) and Ceiling Attenuation Class (CAC) according to the following ASTM standards:

- ✓ NRC – Tested to ASTM C423
- ✓ CAC – Tested to ASTM E1414



### Fire Performance

Rockfon Tropic® 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: 0  
UL 723 (ASTM E84): Smoke Developed Index: 5

Canadian Standard Flame Spread Rating: 5  
CAN/ULC S102: Smoke Developed Classification: 0



### 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



### Thermal Resistance

R 2.17 hr.ft<sup>2</sup>.°F/Btu for 5/8 inch (I-P)  
R 0.38 m<sup>2</sup>.K/W for 15.9 mm (SI)



### Tile Directionality

Rockfon Tropic® tiles are directional and must be installed according to backside arrow direction. The arrow can be turned 180°, not 90°



### Warranty

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

## Sustainability



### Transparency

- ✓ Environmental Product Declaration (Product-Specific, Type III)
- ✓ Health Product Declaration
- ✓ Declare Label

*Applicable to all edge types*



### Low-Emitting Materials

UL GREENGUARD Gold 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: 2.04 kg CO<sub>2</sub>-eq (per 1m<sup>2</sup>) / 0.190 kg CO<sub>2</sub>-eq (per 1f<sup>2</sup>)

*For all other edge types, refer to p. 2*



### 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 Tropic®

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

Find us on

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Powered by Deltek Specpoint<sup>®</sup>

BIM/Revit objects available at:  
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