

# Rockfon® Impact™

## Features & Benefits

- Designed to withstand high-impact environments providing robust and durable solutions for areas with frequent physical contact
- Offers high sound absorption with an NRC of 0.85
- Class A fire performance with 0 Smoke Development and 5 Flame Spread per ASTM E84
- High light reflectance of 86% helps create brighter spaces

## Applications

- Recreational Center
- Convention Center



**High Acoustic Absorption**



**Class A Fire Performance**



**Moisture and Sag Resistance**



**Smooth, Modern Aesthetics**



**Mold and Mildew Resistance**



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














## High Performance Factors

Base Material	Stone Wool	Mold & Mildew Resistance	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)
Surface	Lightly Textured White	Sag Resistance	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
Fire Performance	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	Low VOC	UL GREENGUARD Gold Certified
Warranty	30-Year Tile Warranty		

## Standard Panels

CLASSIFIED C  US													
<div>Standard Panels</div>													
Edge Designation	Item Number	Modular Size (nominal)						Embodied Carbon				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
<div>SQ</div> 	4100	2' x 2' x 3/4"	0.85	A	✓	up to 100%	0.86	2.43	0.226	✓	✓	0.45	80
Square Lay-In	4200	2' x 2' x 1 1/2"	0.85	A	✓	up to 100%	0.86	6.13	0.570	✓	✓	0.82	40

## Product Compatibility

15/16" Suspension Systems
200, 1200 and Fire Rated systems
<div>SQ</div> <div></div> <div>Square Lay-in</div>

## 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
		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
		237954	492.00	Hold Down Clip for 1-1/2" Panels (Grey)	100	2
		250324	426.01	Butterfly Retention Clip for 0" - 1" Panels	200	15
		250325	427.01	Butterfly Retention Clip for 1" - 2" Panels	150	15
Tile Paint		307988	RFN941	Edge Paint for Field Cut Panels White – 8 oz	Bottle	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® Impact™ Properties

## Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint on reinforced glass scrim to increase impact resistance.



### 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® Impact™ 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 Index: 5  
CAN/ULC S102:      Smoke Developed Index: 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



### Impact Resistance

Rockfon® Impact™ capability to withstand incidental or occasional ball impact has been tested. For more details, please contact customer service.



### Cleaning

- ✓ Vacuum
- ✓ Damp cloth



### Thermal Resistance

R 3.47 hr.ft².°F/Btu per 1 inch (I-P)  
R 0.61 m².K/W per 25.4 mm (SI)



### Tile Directionality

Rockfon® Impact™ 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)



### 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:  
2.43 kg CO<sub>2</sub>-eq (per 1m²) / 0.226 kg CO<sub>2</sub>-eq (per 1ft²)

*For all other thicknesses, 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® Impact™

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/rockfon-impact/](https://rockfon.com/products/rockfon-impact/)