

# Rockfon® Education Plus™



## Features & Benefits

- Designed to enhance learning spaces with its smooth white surface that brightens classrooms and aids concentration
- High NRC of 0.80 creates a quieter, more focused educational setting, ideal for improving speech intelligibility
- Achieves Class A fire performance
- Available in both square lay-in and tegular edge designs
- Compliant with the Build America, Buy America Act (BABAA)

## Applications

- Classroom
- Private Office
- Meeting Room



**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**



### 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: 49%\*

## High Performance Factors

**Base Material** Stone Wool

**Surface** Smooth

**Fire** Class A

**Performance** 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

**Warranty** 30-Year Tile Warranty

### 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)

### Sag Resistance

Won't Sag or Warp Even in 100% Relative Humidity  
Tested to ASTM C367

### Low VOC

UL GREENGUARD Gold Certified



## Standard Panels

Edge Designation	Item Number	Modular Size (nominal)	NRC	CAC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon		Low VOC	lbs/sqft	sqft/carton
									Per 1m² (kg CO₂ - eq)	Per 1ft² (kg CO₂ - eq)			
 Square Lay-In	42100	2' x 2' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	0.45	80
	42101	2' x 4' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	0.45	80
 Square Tegular Narrow	42200	2' x 2' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	0.57	40
	42201	2' x 4' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	0.57	80
 Square Tegular	42300	2' x 2' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	0.57	40
	42301	2' x 4' x 3/4"	0.80	20	A	✓	up to 100%	0.82	2.96	0.275	✓	0.57	80

\*Recycled content values for our stone wool tiles and panels are based on 2021 production averages of a standard 2' x 2' tile and their primary production location.

## 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 SL - Square Tegular	 SQ - Square Lay-In (2' x 2' & 2' x 4' only) SLN - Square Tegular Narrow 4000 - Tempra 4500 - Ultraline 1/4" reveal 4600 - Ultraline 1/8" reveal

# Rockfon® Education Plus™

## 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
		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® Education Plus™ 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



### Fire Performance

Stone wool ceiling tiles 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® Education Plus™ 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

Rockfon® Education Plus™ stone wool substrate and tile surfaces are inherently resistant to mold and mildew and 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).



### Humidity Resistance

Stone wool ceiling tiles are inherently 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



### Sustainability

Rockfon® Education Plus™ stone wool acoustic solutions are 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.

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

- ✓ UL GREENGUARD Gold\*
- ✓ Environmental Product Declaration (Product-Specific, Type III)\*
- ✓ Health Product Declaration available\*
- ✓ Declare Label available\*

\* Applicable to all edge types unless otherwise noted on pages 2



### Environment

49% recycled content.



### Embodied Carbon

Global Warming Potential (GWP) kg of CO<sub>2</sub>-eq (per functional unit) from stages A1 - A3 for SQ Edge:  
2.96 kg CO<sub>2</sub>-eq (per 1m<sup>2</sup>)\* / 0.275 kg CO<sub>2</sub>-eq (per 1f<sup>2</sup>)\*

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



### Thermal Resistance

R 2.60 hr.°F/Btu for 3/4 inch (I-P)  
R 0.46 m<sup>2</sup>.K/W for 19.0 mm (SI)



### Tile Directionality

Rockfon® Education Plus™ 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



GREENGUARD Gold Certified  
for Office and Educational  
Environments



CERTIFIED Environmental  
Product Declaration

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