

# Rockfon® Education Premium™

## Features & Benefits

- Smooth white finish, enhancing educational environments with a sleek, contemporary look
- Optimal sound absorption with NRC of 0.90 and system CAC up to 52
- Class A fire performance with 0 Smoke Development and 5 Flame Spread per ASTM E84
- UL GREENGUARD Gold certified for low chemical emissions
- Stone wool is inherently mold and mildew resistant and does not include antimicrobials
- Compliant with the Build America, Buy America Act (BABAA)

## Applications

- Library
- Media Center

Tile Performance



System Performance



See Table 2

GWP AS LOW AS



3.49 kg CO<sub>2</sub>-eq/1m<sup>2</sup>  
0.325 kg CO<sub>2</sub> eq/ft<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 Tiles and Panels**



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

# Rockfon® Education Premium™



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Education Premium™

Sustainability Certifications  
and Documentation

## High Performance Factors

<b>Base Material</b>	Stone Wool
<b>Surface</b>	Smooth
<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  
**Education Premium 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	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	43100	2' x 2' x 1"	0.90	22	A	✓	up to 100%	0.84	3.49	0.325	✓	✓	0.69	64
	43101	2' x 4' x 1"	0.90	22	A	✓	up to 100%	0.84	3.49	0.325	✓	✓	0.69	64
 SLN Square Tegular Narrow	43200	2' x 2' x 1"	0.90	22	A	✓	up to 100%	0.84	3.49	0.325	✓	✓	0.69	32
	43201	2' x 4' x 1"	0.90	22	A	✓	up to 100%	0.84	3.49	0.325	✓	✓	0.69	64
 SL Square Tegular	43300	2' x 2' x 1"	0.90	22	A	✓	up to 100%	0.84	3.49	0.325	✓	✓	0.69	32
	43301	2' x 4' x 1"	0.90	22	A	✓	up to 100%	0.84	3.49	0.325	✓	✓	0.69	64

## 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 Premium™

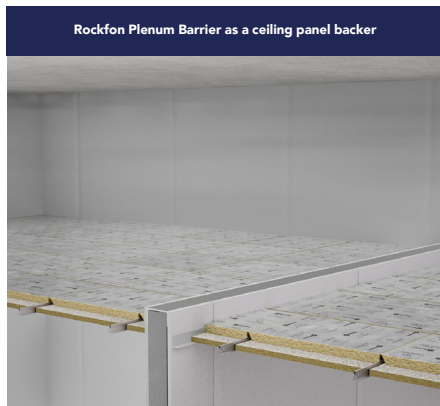
Table 2

## System Performance with Education Premium 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	
Education Premium 1"	0.90	46	40	52	<p>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.</p> <p>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></p>

<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™.

## Product Compatibility

15/16" Suspension Systems	9/16" Suspension Systems
200, 1200 and Fire Rated systems	4000, 4500, 4600 and Fire Rated systems
<p>SQ      SL</p> <p>Square Lay-In      Square Tegular</p>	<p>SQ - Square Lay-In (2' x 2' &amp; 2' x 4' only)      SLN - Square Tegular Narrow</p> <p>4000 - Tempra      4000 - Tempra      4500 - Ultraline 1/4" reveal      4600 - Ultraline 1/8" reveal</p>

# Rockfon® Education Premium™

## 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
		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 – 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® Education Premium™ 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® Education Premium™ 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® Education Premium™ 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 UL 723 (ASTM E84): Flame Spread Index: 0  
Smoke Developed Index: 5

Canadian Standard CAN/ULC S102: Flame Spread Rating: 5  
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 3.47 hr.ft<sup>2</sup>.°F/Btu per 1 inch (I-P)

R 0.61 m<sup>2</sup>.K/W per 25.4 mm (SI)



### Tile Directionality

Rockfon® Education Premium™ 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:  
3.49 kg CO<sub>2</sub>-eq (per 1m<sup>2</sup>)\* / 0.325 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® Education Premium™

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

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BIM/Revit objects available at:

<https://rockfon.ecomedes.com/?collection=Educa-tion%20Premium>