

# Rockfon® Education Standard™

## Features & Benefits

- Features a smooth white surface, providing a clean, contemporary look that enhances learning environments
- Basic sound absorption with NRC of 0.70 and optimal system CAC up to 52
- Class A fire performance
- Available in both square lay-in and tegular edges
- Compliant with the Build America, Buy America Act (BABAA)

## Applications

- Hallway/Corridor
- Teacher Lounge
- Gymnasium
- Nurses Office
- Cafeteria

Tile Performance

**0.70  
NRC**

System Performance


**0.70  
NRC**  
UP TO  
**52  
CAC**

See Table 2

GWP AS LOW AS



2.57 kg CO<sub>2</sub>-eq/1m<sup>2</sup>  
0.238 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 Standard™



Scan to explore Rockfon® Education Standard™ Sustainability Certifications and Documentation



Table 1

## Education Standard Panels



Packaging Information

Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon		Low VOC	Recyclable	lbs/sqft	sqft/carton
								Per 1m <sup>2</sup> (kg CO <sub>2</sub> -eq)	Per 1ft <sup>2</sup> (kg CO <sub>2</sub> -eq)				
 Square Lay-In	41100	2' x 2' x 5/8"	0.70	A	✓	up to 100%	0.84	2.57	0.238	✓	✓	0.47	112
	41101	2' x 4' x 5/8"	0.70	A	✓	up to 100%	0.84	2.57	0.238	✓	✓	0.47	112
 Square Tegular Narrow	41200	2' x 2' x 5/8"	0.70	A	✓	up to 100%	0.84	2.57	0.238	✓	✓	0.47	56
	41201	2' x 4' x 5/8"	0.70	A	✓	up to 100%	0.84	2.57	0.238	✓	✓	0.47	112
 Square Tegular	41300	2' x 2' x 5/8"	0.70	A	✓	up to 100%	0.84	2.57	0.238	✓	✓	0.47	56
	41301	2' x 4' x 5/8"	0.70	A	✓	up to 100%	0.84	2.57	0.238	✓	✓	0.47	112

## 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 Standard™

Table 2

## System Performance with Education Standard 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 Standard 5/8"	0.70	44	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)</p> <p>SLN - Square Tegular Narrow</p> <p>4000 - Tempra      4000 - Tempra      4500 - Ultraline 1/4" reveal      4600 - Ultraline 1/8" reveal</p>

# Rockfon® Education Standard™

## 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
		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® Education Standard™ 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 Standard™ 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 Standard™ 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  
✓ Damp cloth



### Thermal Resistance

R 2.17 hr.ft².°F/Btu for 5/8 inch (I-P)  
R 0.38 m².K/W for 15.9 mm (SI)



### Tile Directionality

Rockfon® Education Standard™ 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](http://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: 2.57 kg CO<sub>2</sub>-eq (per 1m<sup>2</sup>\*) / 0.238 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 Standard™ on Ecomedes and see how it aligns with the Common Materials Framework (CMF)

Find us on

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

BIM/Revit objects available at:  
[rockfon.com/products/tiles-and-panels/modular-ceilings/special-applications/education/rockfon-education-standard/](http://rockfon.com/products/tiles-and-panels/modular-ceilings/special-applications/education/rockfon-education-standard/)