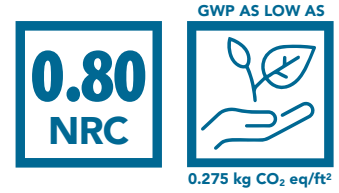


# Rockfon® Education Plus™



## 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



**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

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

|                                     |   |
|-------------------------------------|---|
| <b>Mold &amp; Mildew Resistance</b> | Inherently Resistant<br>(applies to stone wool substrate and tile surfaces)<br>Tested to ASTM D3273: 10<br>(Scale of 0 to 10, 10 being highest performing)<br>Tested to ASTM C1338: Pass<br>(Pass or Fail, Stone Wool Tiles Pass) |
| <b>Sag Resistance</b>               | Won't Sag or Warp Even in 100% Relative Humidity<br>Tested to ASTM C367   |
| <b>Low VOC</b>                      | 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 | 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 |
| <br>SQ<br>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          |
| <br>SLN<br>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          |
| <br>SL<br>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   |
| <br>SQ Square Lay-In<br>SL Square Tegular | <br>SQ - Square Lay-In (2' x 2' & 2' x 4' only)<br>SLN - Square Tegular Narrow<br>4000 - Tempra<br>4500 - Ultraline 1/4" reveal<br>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<br>250/1250 Systems | 200       | 2        |
|                |    | 250343              | 820.00         | Hold Down Clip for 5/8" Board<br>250/1250 Systems | 1000      | 7        |
|                |    | 237949              | 490.00         | Hold Down Clip for 0" - 3/4"<br>Panels (Black)    | 100       | 2        |
|                |    | 237952              | 491.00         | Hold Down Clip for 3/4" - 1-1/4"<br>Panels (Blue) | 150       | 2        |
|                |    | 237954              | 492.00         | Hold Down Clip for 1-1/2" Panels<br>(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<br>White - 8 oz   | Bottle    | 1        |
|                |  | 307989              | RFN941Q        | Edge Paint for Field Cut Panels<br>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

Find us on

**MasterSpec®**

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BIM/Revit objects available at:  
rockfon.com/products/rockfon-education-plus/

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