

Rockfon® Education Premium™



Features & Benefits

- Smooth white finish, enhancing educational environments with a sleek, contemporary look
- Excellent sound absorption with NRC 0.90, fostering a conducive learning atmosphere
- Class A fire performance with 0 Smoke Development and 5 Flame Spread per ASTM E84
- UL GREENGUARD Gold certified for low chemical emissions
- Inherently mold and mildew resistant and does not include antimicrobials
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Library
- Media 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

Rockfon® Education Premium™

LEED® v4.1 Highlights

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: up to 50%*

High Performance Factors

Base Material	Stone Wool
Surface	Smooth
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
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	Packaging Information	
									Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - 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

*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 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
		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 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



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 Premium™ 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 Premium™ 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 Premium™ tiles 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

50% recycled content.



Embodied Carbon

Global Warming Potential (GWP) kg of CO₂-eq (per functional unit) from stages A1 - A3 for SQ Edge: 3.49 kg CO₂-eq (per 1m²)* / 0.325 kg CO₂-eq (per 1f²)*
*For all other edge types, refer to p. 2



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® 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



GREENGUARD Gold Certified
for Office and Educational
Environments



CERTIFIED Environmental
Product Declaration

Find us on

MasterSpec®

Powered by Deltek Specpoint®

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

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