

Rockfon® Koral™

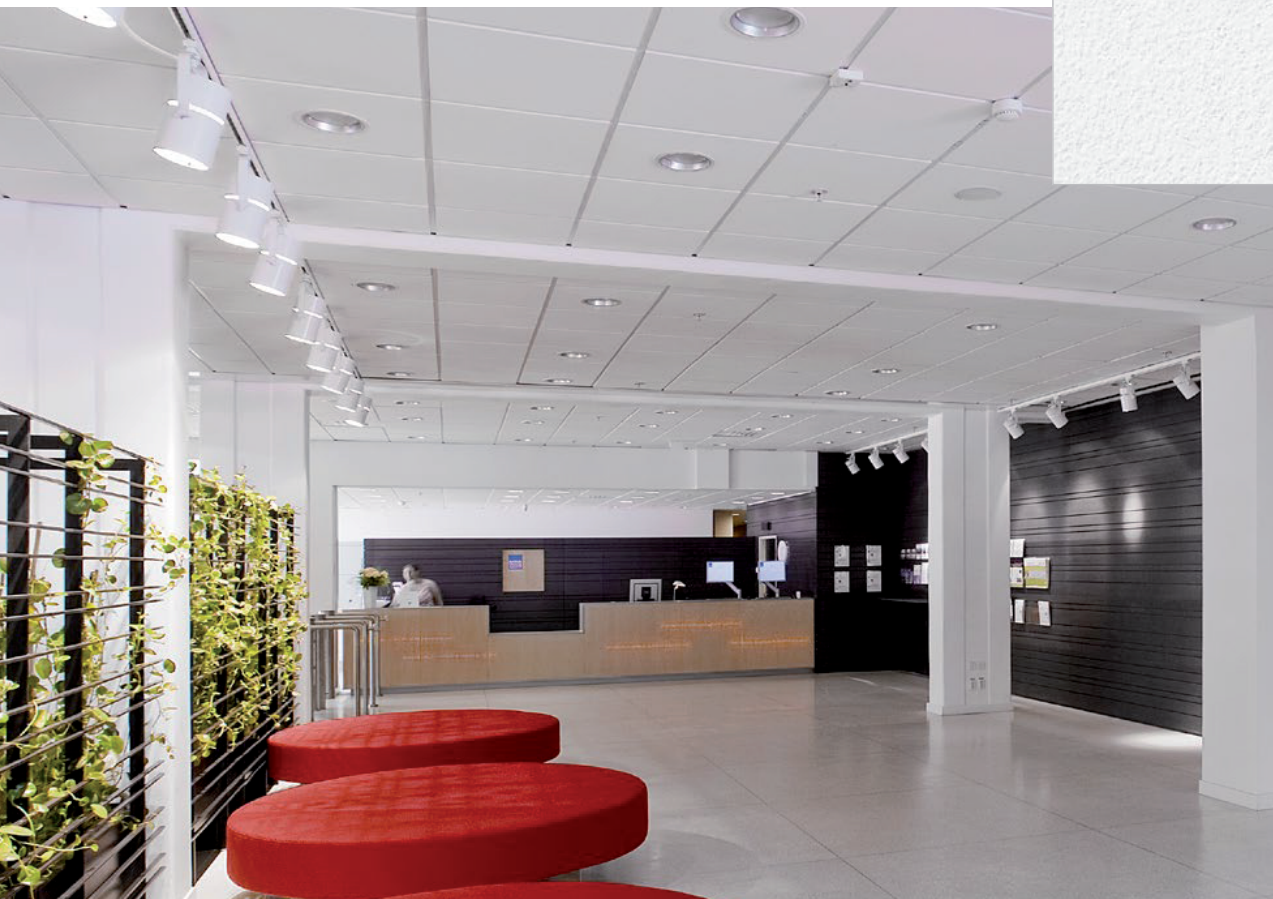
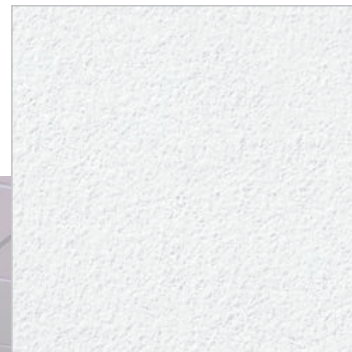


Features & Benefits

- Lightly textured white surface
- Good sound absorption (NRC = 0.85)
- Low Embodied Carbon product
- Class A fire performance
- High light reflectance (LR = 0.86)
- Available in square lay-in and tegular
- Stone wool is inherently mold and mildew resistant without added antimicrobials
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Office
- Classroom
- Cafeteria
- Locker Room
- Washroom



**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)

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: 43%**

High Performance Factors

Base Material Stone Wool

Surface Lightly-Textured White Surface

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



Packaging Information

Edge Designation	Item Number	Modular Size (nominal)	NRC	AC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon		Low VOC	lbs/sqft	sqft/carton
									Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)			
 Square Lay-In	1100	2' x 2' x 5/8"	0.85	170	A	✓	up to 100%	0.86	2.04	0.190	✓	0.38	112
	1101	2' x 4' x 5/8"	0.85	170	A	✓	up to 100%	0.86	2.04	0.190	✓	0.38	112
 Square Tegular Narrow	1120	2' x 2' x 5/8"	0.85	170	A	✓	up to 100%	0.86	2.43	0.226	✓	0.47	56
	1121	2' x 4' x 5/8"	0.85	170	A	✓	up to 100%	0.86	2.43	0.226	✓	0.47	112
 Square Tegular	1160	2' x 2' x 5/8"	0.85	170	A	✓	up to 100%	0.86	2.43	0.226	✓	0.47	56
	1161	2' x 4' x 5/8"	0.85	170	A	✓	up to 100%	0.86	2.43	0.226	✓	0.47	112

*Recycled content values for our stone wool tiles and panels are based on 2021 production averages of a standard 2'x2' tile, and based on 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
 Square Lay-in Square Tegular	 SQ - Square Lay-in SLN - Square Tegular Narrow 4000 - Tempra 4200 - Integrity 4500 - Ultraline 1/4" reveal 4600 - Ultraline 1/8" reveal

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® Koral™ 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 E
ASTM E1264 (2023): Type A, Form A2.3, Pattern E



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® Koral™ 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® Koral™ 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
- ✓ Damp cloth



Sustainability

Stone wool ceiling 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, Green Globes, BREEAM Int. and CALGreen

- ✓ GREENGUARD Gold available*
- ✓ Environmental Product Declaration available*
- ✓ Health Product Declaration available*

* Applicable to all edge types



Environment

43% recycled content. Recycled content based on U.S. manufacturing.



Embodied Carbon

Global Warming Potential (GWP) kg of CO₂-eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.04 kg CO₂-eq (per 1m²)* / 0.190 kg CO₂-eq (per 1f²)*

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



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)



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-koral/



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