

Rockfon® Hygienic Plus™

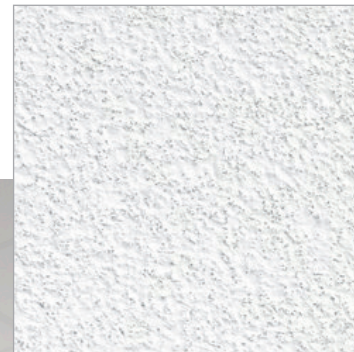


Features & Benefits

- Designed for areas requiring high cleanliness
- Provides excellent sound absorption with an NRC of 0.90
- Prevents the growth of MRSA
- Features low particle emission achieving ISO Class 5 per ISO 14644-1 with a back fleece on the rear side for enhanced hygiene and durability
- Tested per ASTM D4828 for washability, ASTM D2486 for scrub resistance and ASTM D1308 for chemical resistance
- Sealed edges to prevent particle ingress and maintain clean room standards
- High light reflectance of 83%, contributing to brighter spaces and energy savings
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Wet Room/Toilet
- Cafe/Restaurants
- Kitchen/Canteen
- Fitness Center/Locker Room
- Laboratory



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® Hygienic Plus™

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: 44%*

High Performance Factors

Base Material	Stone Wool
Surface	Lightly-Textured White
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



Packaging Information

Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Cleanroom Class	Embodied Carbon		Low VOC	lbs/sqft	sqft/carton
								Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)			
 SQ Square Lay-In	31100	2' x 2' x 3/4"	0.90	A	✓	0.83	ISO 5	2.43	0.226	✓	0.45	80
	31101	2' x 4' x 3/4"	0.90	A	✓	0.83	ISO 5	2.43	0.226	✓	0.45	80

*Recycled content values for our stone wool tiles and panels are based on 2021 production averages of a standard 2'x4' tile, and based on their primary production location.

Product Compatibility

15/16" Suspension Systems	
200, 1200 and Fire Rated Systems	Chicago Metallic® BarrierGrid®*
 SQ Square Lay-In	 SQ Square Lay-In

*Rockfon® Hygienic Plus™ achieves ISO Class 5 using Chicago Metallic® BarrierGrid®

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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® Hygienic Plus™ Properties

Material

Stone wool (Mineral Wool) ceiling tiles with factory-applied water-based paint and water-based lacquer 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® Hygienic 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® Hygienic 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.



Clean Room

ISO Class 5 using Chicago Metallic® BarrierGrid®



Cleaning

- ✓ Vacuum
- ✓ Damp cloth
- ✓ Rockfon® Hygienic Plus™ tiles are able to be washed through 100 cycles of the standard washability tester and cleaner prescribed in ASTM D4828
- ✓ Rockfon® Hygienic Plus™ tiles can withstand up to 200 scrub cycles using the prescribed scrubber and force per ASTM D2486
- ✓ Rockfon® Hygienic Plus™ tiles can be safely treated with a number of cleaning solutions and are resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide as described in ASTM D1308



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

- ✓ UL GREENGUARD Gold
- ✓ Environmental Product Declaration
- ✓ Health Product Declaration available
- ✓ Declare Label available



Environment

44% 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: 2.43 kg CO₂-eq (per 1m²)* / 0.226 kg CO₂-eq (per 1f²)*
*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 m².K/W for 19.0 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-hygienic-plus/

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Rockfon

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