

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™



Scan to explore Rockfon® Hygienic Plus™

Sustainability Certifications and Documentation

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)
Sag Resistance	Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Tiles Pass)
	Won't Sag or Warp Even in 100% Relative Humidity
	Tested to ASTM C367
Low VOC	UL GREENGUARD Gold Certified

<div><div>CLASSIFIED</div><div>UL</div><div>US</div></div>													
Standard Panels													
Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Cleanroom Class	Embodied Carbon		Low VOC	Recyclable	Packaging Information	
								Per 1m² (kg CO₂ - eq)	Per 1ft² (kg CO₂ - eq)				
<div>SQ</div> <div></div> <div>Square Lay-In</div>	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







Product Compatibility

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

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

Rockfon® Hygienic 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
		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
		250324	426.01	Butterfly Retention Clip for 0" - 1" Panels	200	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

Rockfon® Hygienic Plus™ 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 Index: 5
CAN/ULC S102: Smoke Developed Index: 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



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



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

Sustainability



Transparency

- ✓ Environmental Product Declaration (Product-Specific, Type III)
- ✓ Health Product Declaration
- ✓ Declare Label



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 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 1ft²)



Rockcycle - Closed Loop Recycle Program

All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact rockcycle@rockfon.com for more information



Discover Rockfon® Hygienic Plus™

on Ecomedes and see how it aligns with the Common Materials Framework (CMF)

Find us on

MasterSpec®
Powered by Deltek Specpoint®

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