

# Rockfon® Hygienic Plus™

## Features & Benefits

- Designed for areas requiring high cleanliness
- Optimal sound absorption with NRC of 0.90 and system CAC up to 52
- 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

Tile Performance

**0.90  
NRC**

System Performance

**0.90  
NRC**  
UP TO  
**52  
CAC**

See Table 2

GWP AS LOW AS



2.43 kg CO<sub>2</sub>-eq/1m<sup>2</sup>  
0.226 kg CO<sub>2</sub> eq/ft<sup>2</sup>



**High Acoustic  
Absorption**



**Class A Fire  
Performance**



**Moisture and  
Sag Resistance**



**No tile acclimatization  
required.**

Please refer to [handling guide](#) for details.



**Smooth, Modern  
Aesthetics**



**Mold and Mildew  
Resistance**



**30  
YEAR  
WARRANTY**

**30-year Warranty  
Applies to All Stone  
Tiles and Panels**



**Part of Rockfon's Closed  
Loop Recycle Program**

# Rockfon® Hygienic Plus™



Scan to explore Rockfon® Hygienic Plus™

Sustainability Certifications and Documentation

## High Performance Factors

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

<b>Mold &amp; Mildew Resistance</b>	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)
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<b>Sag Resistance</b>	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
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<b>Low VOC</b>	UL GREENGUARD Gold Certified
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Table 1

## Hygienic Plus 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 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
 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

## 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®

# Rockfon® Hygienic Plus™

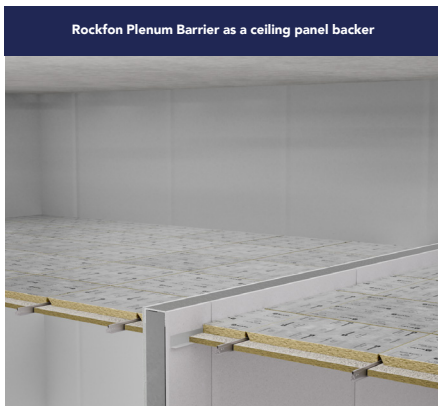
Table 2

## System Performance with Hygienic Plus Panels - CAC 40-52<sup>1</sup>

Product	NRC	Plenum Barrier Board as Ceiling Panel Backer (Horizontal Application) <sup>2</sup>	Plenum Barrier Board as Partition Extension (Vertical Application)		Plenum Barrier Board
			Single-Layer	Double-Layer	
Hygienic Plus 3/4"	0.90	45	40	52	<p>Rockfon® Plenum Barrier Board is a stone wool noise blocking panel, which is installed over partitions inside ceiling plenums, on top of ceiling panels or under partitions in raised-floor plenums to increase sound insulation and privacy between rooms.</p> <p>Actual board size 2' x 4' x 1-1/2" (SKU#7900) with fiber reinforce foil facing on one side.  <a href="#">Click to access Rockfon Plenum Board datasheet.</a></p>

<sup>1</sup>Use the system in Table 2 that provides a CAC rating at least equal to the STC rating of the partition between the rooms.

<sup>2</sup>Assumes plenum barrier applied to full ceilings both sides of walls. Contact Rockfon for performance of 1-side and not the other.



[Click Here or Scan QR Code](#)  
to see more information in  
The Ceilings Book™.



## Product Compatibility

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

\*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 - 1/2" pint. Brush included	Can	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



### Acoustic Performance

Rockfon® Hygienic Plus™ ceiling panels are tested for Noise Reduction Coefficient (NRC) and Ceiling Attenuation Class (CAC) according to the following ASTM standards:

- ✓ NRC – Tested to ASTM C423
- ✓ CAC – Tested to ASTM E1414



### 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 Rating: 5  
CAN/ULC S102:            Smoke Developed Classification: 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



### 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



### Clean Room

ISO Class 5 using Chicago Metallic® BarrierGrid®



### 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](http://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 CO<sub>2</sub>-eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.43 kg CO<sub>2</sub>-eq (per 1m<sup>2</sup>) / 0.226 kg CO<sub>2</sub>-eq (per 1ft<sup>2</sup>)



### Rockcycle - Closed Loop Recycle Program

All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact [rockcycle@rockfon.com](mailto: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**<sup>®</sup>  
Powered by Deltek Specpoint<sup>®</sup>

BIM/Revit objects available at:  
[rockfon.com/products/rockfon-hygienic-plus/](http://rockfon.com/products/rockfon-hygienic-plus/)