

Rockfon® Medical Plus™

Tile Performance



System Performance



See Table 2

GWP AS LOW AS




2.43 kg CO₂-eq/1m²
0.226 kg CO₂ eq/ft²

Features & Benefits

- Designed for areas such as emergency rooms, treatment rooms and laboratories
- Optimal sound absorption with NRC of 0.90 and system CAC up to 52
- Has a low particle emission achieving ISO Class 4 per ISO 14644-1 with Chicago Metallic® BarrierGrid® for better air cleanliness
- Meets FGI guidelines for healthcare facilities
- Does not contribute to the growth of MRSA
- Stone wool is inherently mold and mildew resistant without added antimicrobials
- Tested per ASTM D4828 for washability, ASTM D2486 for scrub resistance, and ASTM D1308 for chemical resistance
- UL GREENGUARD Gold certified for low chemical emissions
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Emergency Room
- Treatment Room
- Patient Room
- Laboratory


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 Applies to All Stone Wool Tiles and Panels



Part of Rockfon's Closed Loop Recycle Program



High Performance Factors

Base Material	Stone Wool
Surface	Lightly Textured
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 Rating: 5 Smoke Developed Classification: 0
Warranty	30-Year Tile Warranty

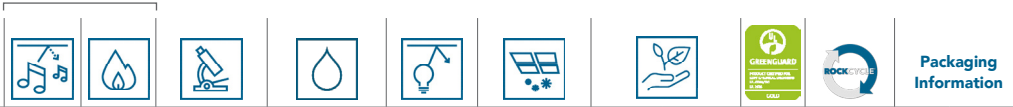
Mold & Mildew Resistance	Inherently Resistant (applies to stone wool substrate and tile surfaces) Tested to ASTM D3273: 10 (Scale of 0 to 10, 10 being highest performing) Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Tiles Pass)
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Sag Resistance	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
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Low VOC	UL GREENGUARD Gold Certified
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Table 1
Medical Plus Panels



Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Cleanroom Class	Embodied Carbon		Low VOC	Recyclable	Packaging Information	
									Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)			lbs/sqft	sqft/carton
 SQ Square Lay-in	34100	2' x 2' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.43	0.226	✓	✓	0.45	80
	34101	2' x 4' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.43	0.226	✓	✓	0.45	80
 SLN Square Tegular Narrow	34200	2' x 2' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	40
	34201	2' x 4' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	80
 SL Square Tegular	34250	2' x 2' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	40
	34251	2' x 4' x 3/4"	0.90	A	✓	up to 100%	0.83	ISO Class 4	2.96	0.275	✓	✓	0.57	80
 CDX Fully Concealed	34600	2' x 2' x 7/8"	0.90	A	✓	up to 100%	0.83	ISO Class 4	3.75	0.350	✓	✓	0.75	40

Rockfon® Medical Plus™

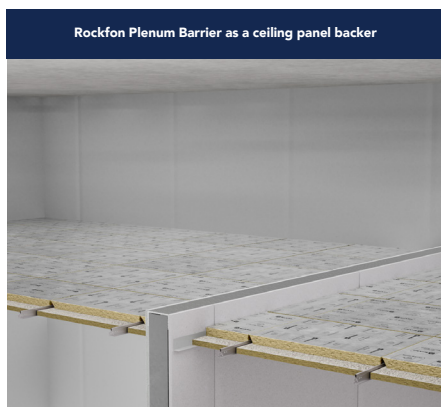
Table 2

System Performance with Medical Plus Panels - CAC 52-58¹

Product	NRC	Plenum Barrier Board as Ceiling Panel Backer (Horizontal Application) ²	Plenum Barrier Board as Partition Extension (Vertical Application)		Plenum Barrier Board
			Single-Layer	Double-Layer	
Medical 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. Click to access Rockfon Plenum Board datasheet.</p>

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

²Assumes 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		9/16" Suspension Systems
200, 1200 and Fire Rated Systems		4000, 4200, 4500, 4600 and Fire Rated Systems
<p>SO</p> <p>Square Lay-in</p> <p>SL</p> <p>Square Tegular</p> <p>CDX</p> <p>Fully Concealed Tegular</p>	<p>Chicago Metallic® BarrierGrid®*</p> <p>SQ</p> <p>Square Lay-in</p>	<p>SLN - Square Tegular Narrow</p> <p>4000 - Tempra 4200 - Integrity 4500 - Ultraline 1/4" Reveal 4600 - Ultraline 1/8" Reveal</p>


*Rockfon Medical Plus™ achieves ISO Class 4 using Chicago Metallic® BarrierGrid®

Rockfon® Medical 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
		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
		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

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
CDX Tiles Accessories		237264	-	CDX Perimeter Spring	100	1.1
		250338	478.00	Concealed Perimeter Clip	50	4.5
		314292	472.00	CDX/SCD Border Clip	100	1.1
		250334	474.01	24" Pre-mitered Vinyl Trim Kit for CDX and SCD only	50	1.4
		250335	475.01	24" Pre-mitered Vinyl Trim Kit for CDX and SCD Only	50	2
		250336	476.01	120" Vinyl Trim Piece Straight Cut	1	1

Scan for Full Accessories Guide



Scan for CDX & SCD Edge Installation Guide



Rockfon® Medical Plus™ Properties

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint and water-based laquer 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® Medical 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® Medical 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® Medical Plus™ tiles are able to be washed through 100 cycles of the standard washability tester and cleaner prescribed in ASTM D4828

✓ Rockfon® Medical Plus™ tiles can withstand up to 200 scrub cycles using the prescribed scrubber and force per ASTM D2486

✓ Rockfon® Medical 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 4 when used with 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)



Surface Durability

Enhanced durability and dirt resistance



Warranty

30-Year Limited Product Warranty.
See rockfon.com

Sustainability



Transparency

✓ Environmental Product Declaration (Product-Specific, Type III)

✓ Health Product Declaration

✓ Declare Label

Applicable to all edge types



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)

For all other edge types, refer to p. 2



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® Medical 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-medical-plus/