Rockfon® Medical Plus™

0.90 NRC

GWP AS LOW AS

0.226 kg CO_2 eq/ft²

Features & Benefits

- Designed for areas such as emergency rooms, treatment rooms and laboratories
- Excellent sound absorption with NRC 0.90 that helps create healing environment
- 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
- 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

Part of ROCKWOOL Group

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mindful MATERIALS

GREENGUARD PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818 GOLD

CERTIFIED ENVIRONMENTAL PRODUCT DECLARATION UL.COM/EPD

High Acoustic Absorption

Class A Fire Performance

Moisture and Sag Resistance

Smooth, Modern Aesthetics

Mold and Mildew Resistance

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

Rockfon® Medical Plus™

High Performance Factors

Base Material Stone Wool

Surface Lightly Textured

Fire Performance Class A
Tested to US Standard ASTM E84: Flame Spread Index: 5
Smoke Developed Index: 0
Canadian Standard CAN/ULC S102: Flame Spread Index: 0
Smoke Developed Index: 5

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

Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Cleanroom Class	Embodied Carbon Per 1m² (kg CO₂ - eq)	Embodied Carbon Per 1ft² (kg CO₂ - eq)	Low VOC	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

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

Product Compatability

15/16" Suspension Systems				9/16" Suspension Systems	
200, 1200 and Fire Rated Systems			Chicago Metallic® BarrierGrid®*	4000, 4200, 4500, 4600 and Fire Rated Systems	
SQ — Square Lay-in	SL — Square Tegular	CDX — Fully Concealed Tegular	SQ — Square Lay-in	SLN - Square Tegular Narrow	
				4000 - Tempra	4200 - Integrity
				4500 - Ultraline 1/4" Reveal	4600 - Ultraline 1/8" Reveal

*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	Packaging 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

Detail	Rockfon Part Number	Product Number	Product Description	Packaging Pcs/Ctn	Packaging 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

* Clips should be chosen as per tile thickness

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

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® Medical Plus™ Surface burning characteristics:
UL723 (ASTM E84): Flame Spread Index: 5
Smoke Developed Index: 0
CAN/ULC S102: Flame Spread Index: 0
Smoke Developed Index: 5

Mold and Mildew Resistance
Rockfon® Medical 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 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 4 when used with Chicago Metallic® BarrierGrid®

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 ASTMD1308

Sustainability
Rockfon® Medical Plus™ 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*
✓ Declare Label available*
    *Applicable to all edge types

Environment
43% recycled content. Recycling content based on the primary production location.

Embodied Carbon
Global Warming Potential (GWP) kg of CO_2-eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.43 kg CO_2-eq (per 1m²)* / 0.226 kg CO_2-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)

Surface Durability
Enhanced durability and dirt resistance

Warranty
30 YEAR WARRANTY
30-Year Limited Product Warranty
See rockfon.com

UL CERTIFIED ENVIRONMENTAL PRODUCT DECLARATION UL.COM/EPD
CERTIFIED Environmental Product Declaration

UL GREENGUARD PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818 GOLD
GREENGUARD Gold Certified for Office and Educational Environments

Find us on

MasterSpec®
Powered by Deltek Specpoint®
BIM/Revit objects available at:
rockfon.com/products/rockfon-medical-plus/

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