Rockfon® Medical™ Standard

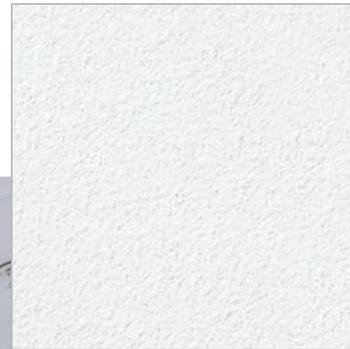**0.90 NRC**

GWP AS LOW AS
0.190 kg CO_2 eq/ft²

Features & Benefits

- Designed to meet essential cleaning and hygiene requirements for general healthcare areas
- Excellent sound absorption with NRC 0.90 that helps create a healing environment
- Meets FGI guidelines for healthcare facilities
- Has a low particle emission achieving ISO Class 5 per ISO14644-1 using Chicago Metallic® BarrierGrid® for better air cleanliness
- Tested per ASTM D4828 for washability and ASTM D2486 for scrub resistance
- Inherently mold and mildew resistant without added antimicrobials
- UL GREENGUARD Gold certified for low chemical emissions
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Nurses' Station
- Waiting Area
- Reception
- Office
- Corridor

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**

mindful MATERIALS

ROCKCYCLE®

Rockfon® Medical™ Standard

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: 0
	Canadian Standard CAN/ULC S102: Flame Spread Index: 15 / 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	AC	Fire Class	Mold & Mildew Resistance	Light Reflectance	Cleanroom Class	Embodied Carbon Per 1m² (kg CO₂ - eq)	Embodied Carbon Per 1ft² (kg CO₂ - eq)	Sag Resistance (relative humidity)	Low VOC	lbs/ sqft	sqft/ carton
SQ Square Lay-In	33200	2' x 2' x 5/8"	0.90	170	A	✓	0.86	ISO 5	2.04	0.190	up to 100%	✓	0.38	112
SQ Square Lay-In	33201	2' x 4' x 5/8"	0.90	170	A	✓	0.86	ISO 5	2.04	0.190	up to 100%	✓	0.38	112
SLN Square Tegular Narrow	33225	2' x 2' x 5/8"	0.90	170	A	✓	0.86	ISO 5	2.43	0.226	up to 100%	✓	0.47	56
SLN Square Tegular Narrow	33226	2' x 4' x 5/8"	0.90	170	A	✓	0.86	ISO 5	2.43	0.226	up to 100%	✓	0.47	112
SL Square Tegular	33250	2' x 2' x 5/8"	0.90	170	A	✓	0.86	ISO 5	2.43	0.226	up to 100%	✓	0.47	56
SL Square Tegular	33251	2' x 4' x 5/8"	0.90	170	A	✓	0.86	ISO 5	2.43	0.226	up to 100%	✓	0.47	112

Recycled content values for our stone wool tiles and panels are based on 2021 production averages of a standard 2'x2' 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, 4500, 4600 and Fire Rated Systems
SQ — Square Lay-in / SL — Square Tegular	SQ — Square Lay-in	SQ - Square Lay-in / SLN - Square Tegular Narrow / 4000 - Tempra / 4000 - Tempra / 4500 - Ultraline 1/4" Reveal / 4600 - Ultraline 1/8" Reveal

Rockfon® Medical™ Standard achieves ISO Class 5 using Chicago Metallic® BarrierGrid®

Rockfon® Medical™ Standard

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® Medical™ Standard Properties

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint 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™ Standard Surface burning characteristics:

UL723 (ASTM E84):	Flame Spread Index: 0
	Smoke Developed Index: 0
CAN/ULC S102:	Flame Spread Index: 15
	Smoke Developed Index: 5

Mold and Mildew Resistance

Rockfon® Medical Standard™ 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 when used with Chicago Metallic® BarrierGrid®

Cleaning

✓ Vacuum

✓ Damp cloth

✓ Rockfon® Medical Standard™ tiles are able to be washed through 100 cycles of the standard washability tester and cleaner prescribed in ASTM D4828.

✓ Rockfon® Medical Standard™ tiles can withstand up to 100 scrub cycles using the prescribed scrubber and force per ASTM D2486.

Sustainability

Rockfon® Medical™ Standard 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 available*
✓ Environmental Product Declaration available*
✓ Health Product Declaration (Product-Specific, Type III)*

    * Applicable to all edge types

Environment

43% recycled content. Recycled content based on U.S. manufacturing.

Embodied Carbon

Global Warming Potential (GWP) kg of CO_2-eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.04 kg CO_2-eq (per 1m²)* / 0.190 kg CO_2-eq (per 1f²)*
For all other edge types, refer to p. 2

Thermal Resistance

R 2.17 hr.ft².°F/Btu for 5/8 inch (I-P)
R 0.38 m².K/W for 15.9 mm (SI)

Warranty

30 YEAR WARRANTY

30-Year Limited Product Warranty
See rockfon.com

Find us on
MasterSpec®
Powered by Deltek Specpoint®

BIM/Revit objects available at: rockfon.com/products/rockfon-medical-standard/

ROCKCYCLE

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