

Rockfon® Medical™ Air

0.85
NRC

Features & Benefits

- Can be used in areas where differential pressure is required to prevent infection spreading
- Can be cleaned with diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide
- Does not contribute to the growth of MRSA
- Has a low particle emission (ISO Class 3, ISO14644-1) for better air cleanliness
- The rear side of the panel is covered by an airtight high performance membrane. The edges are sealed.
- Excellent sound absorption (NRC = 0.85)

Applications

- Intensive Care
- Operation Room
- Recovery Room
- Laboratory



Rockfon ceiling tiles are manufactured using advanced stone wool technology. All stone wool tiles benefit from:



High Acoustic Absorption



Class A Fire Rated Performance



Moisture and Sag Resistance



Smooth, Modern Aesthetics

Rockfon® Medical™ Air

LEED® v4 Highlights

Materials and Resources (MR)

- Waste Management Planning
- Interiors Life Cycle Impact Reduction
- Environmental Product Declarations
- Sourcing of Raw Materials
- Material Ingredients
- Waste Management

Indoor Environmental Quality (EQ)

- Low-Emitting Materials ✓
- ✓ Interior Lighting ✓
- ✓ Acoustic Performance ✓

Recycled Content: up to 45%



Standard Panels

Packaging Information

Edge Designation	Item Number	Modular Size (nominal)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	Low VOC	lbs/sqft	sqft/carton	
	SQ	35100	2' x 2' x 1"	0.85	-	A	0.83	up to 100%	✓	0.54	64
	SQ	35101	2' x 4' x 1"	0.85	-	A	0.83	up to 100%	✓	0.54	64

15/16" Suspension Systems

200, 1200 and Fire Rated systems

SQ - Square Lay-In





Rockfon Medical Air Properties

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied latex paint and latex laquer on glass scrim surface
 ASTM E1264 CLASSIFICATION: Type XX - Stone wool base with membrane-faced overlay, Pattern E



Fire Performance

Surface burning characteristics:
 UL723 (ASTM E84) Flame Spread Index: 5
 Smoke Developed Index (UL Labeled): 5
 CAN/ULC S102 Flame Spread Index: 15
 Smoke Developed Index: 5



Environment

Up to 45% recycled content.
 Recycled content based on U.S. manufacturing.



Thermal Insulation

R Value (BTU Units): 3.5
 RSI Value (Watts Units): 0.62



Sustainability

Many of Rockfon stone wool acoustic solutions are GREENGUARD Gold low VOC certified and meet the State of California's Department of Public Health Services Standard Practice for Specification Section 01350 (California Section 01350) for testing chemical emissions.

Selected potential applications: LEED, WELL, CHPS, Green Globes, BREEAM Int. and CALGreen.



Warranty

30-Year Limited Product Warranty.
 See rockfon.com



Hygiene

Stone wool provides no sustenance to microorganisms Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
 - Candida Albicans
 - Aspergillus Brasiliensis
- The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



Clean Room

ISO Class 3



Surface Durability

Enhanced durability and dirt resistance.



Air Pressure

Suitable in areas where differential pressure is required to prevent infections from spreading. Due to its high performance membrane and sealed edges, combined with suitable hold down clips (8 clips per 2' x 2' tile), it achieves an air leakage rate of less than 0.5m³/h/m²/Pa under a pressure range of 5 to 40 Pa. Rockfon recommends the addition of closed cell neoprene foam tape on the grid system or the use of gasket grid to improve performance in areas where air pressure requirements are more stringent. For more information, please contact customer service.



Greenguard Gold Certified for Office and Educational Environments

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