

# 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)
- Fire Performance - Class A

## Applications

- Intensive Care
- Operation Room
- Recovery Room
- Laboratory

**mindful**  
MATERIALS

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

**High Acoustic  
Absorption****Fire Performance -  
Class A****Moisture and  
Sag Resistance****Smooth, Modern  
Aesthetics**

# Rockfon® Medical™ Air

## LEED® v4.1 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: 44%



## Standard Panels



### Packaging Information

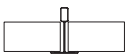
Edge Designation		Item Number	Modular Size (nominal)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	Low VOC	lbs/sqft	sqft/carton
	SQ	35100	2' x 2' x 1"	0.85	-	A	0.83	up to 100%	✓	0.54	64
	SQ	35101	2' x 4' x 1"	0.85	-	A	0.83	up to 100%	✓	0.54	64

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.

### 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



#### 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

- ✓ GREENGUARD Gold available\*
- ✓ Environmental Product Declaration available\*
- ✓ Health Product Declaration available\*
- ✓ Declare Label available\*

\* Applicable to all edge types



#### 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.



#### Cleaning

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



#### Environment

44% recycled content. Recycled content based on U.S. manufacturing.



#### Warranty

30-Year Limited Product Warranty. See [rockfon.com](http://rockfon.com)



#### Clean Room

ISO Class 3



#### Surface Durability

Enhanced durability and dirt resistance



#### Thermal Insulation

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



#### 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.



GREENGUARD Gold Certified  
for Office and Educational  
Environments



CERTIFIED Environmental  
Product Declaration

072022

**Rockfon**

4849 S. Austin Ave.  
Chicago, IL 60638 USA

2022 | Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.  
© ROCKWOOL International A/S 2018. All rights reserved.

® denotes a trademark that is registered in the United States of America.

Tel. +1-800-323-7164

Fax. +1-800-222-3744

[rockfon.com](http://rockfon.com)