



# 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 37%



Edge designation	Item number	Modular size (nominal)	lbs/sqft	sqft/carton	NRC	CAC	AC	Fire Class	Light Reflectance	Sag resistance (relative humidity)	Low VOC	
	SQ	35100	2' x 2' x 1"	0.54	64	0.85	22	-	A	0.83	up to 100 %	✓
	SQ	35101	2' x 4' x 1"	0.54	64	0.85	22	-	A	0.83	up to 100 %	✓

15/16" Suspension Systems	9/16" Suspension Systems
1200, 200 and Fire rated systems	4000 and Fire rated systems
 SQ	



Budget: \$\$\$\$\$

**Material**

Stone wool (Mineral Wool) ceiling tiles with factory painted 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**

Fully recyclable



**Thermal Insulation**

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



**VOC Emissions**

All 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 Information**

30-Year Limited Product Warranty.  
 See [www.rockfon.com](http://www.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 0.5m<sup>3</sup>/h/m<sup>2</sup>/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.

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4849 S. Austin Ave., Chicago, IL 60638 USA  
Tel. +1-800-323-7164  
Fax. +1-800-222-3744  
[www.rockfon.com](http://www.rockfon.com)  
[cs@rockfon.com](mailto:cs@rockfon.com)  
SNL150024

