

# Rockfon Medicare Air



Rockfon Medicare Air is specifically designed for use in pressurised environments where pressure-differentials assist with infection control or particle infiltration. It is well-suited to high-risk environments requiring up to ISO Clean Room Class 3 such as laboratories, ICUs and communicable disease control environments. Manufacturers of delicate components such as lenses may also benefit from using Medicare Air.

## Physical Description

- Stone wool tile
- Visible side: Micro-textured white water-repellent painted fleece
- Rear side: Air-tight rear membrane
- Sealed edges

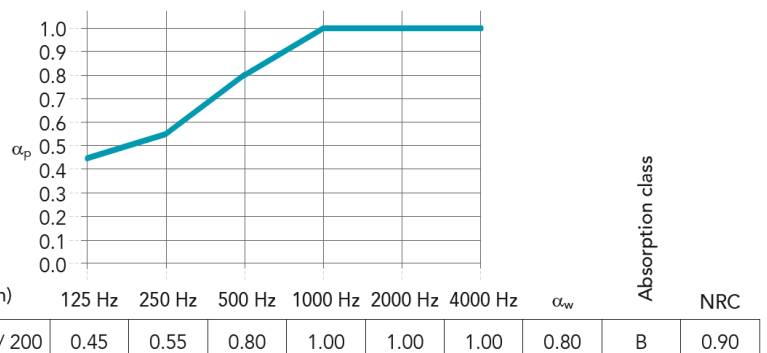
## Application Areas

- Healthcare
  - ICU
  - Laboratories
  - Surgeries
  - Decontamination rooms
- Science and Technology
- Manufacturing and assembly of delicate components

## Acoustic Properties




NRC: 0.90 to ISO354




## What is Rockfon?

All Rockfon products comprise a non-combustible stone wool core that is non-hygroscopic and provides no sustenance for mould and microbes. The use of a backing fleece improves product performance and resilience, ensuring panels remain free from fractures and site-damage where panels are subject to frequent demounting. Products will maintain dimensional stability in environments with fluctuating humidity up to RH100. All Rockfon Materials are warranted against manufacturing defects for 15-Years and have a declared service life of not less than 50-Years


## Material Properties


 Stone wool is non-hygroscopic and provides no sustenance for microbes


 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.


 Clean Room Class 3 to ISO 14644-1


 Up to RH100 - No visible deflection to EN 13964  
*No on-site acclimatisation required*


 Vacuum and damp cloth clean.  
Chemical resistance: resistant to diluted solutions of


 Up to 15-years warranty against manufacturing faults  
*Refer to warranty and installation guidelines*


 44% Recycled Content to ISO-14021. Recyclable at end-of-life


 Non-combustible to AS1530.1  
Group 1 to AS5637.1:2015

 LEED v4.0 Certification. Low emission

 Thermal R-Value: 0.62m2K/W

 Light Reflectance 85% to ISO 7724-2

 Enhanced durability, dirt and water-repellent surface

 Suitable in areas where differential pressure is required to prevent infections from spreading. Due to its high performance membrane and sealed edges, combined with HDC2 clips (8 clips per 600 x 600mm 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 to improve performance in areas where air pressure requirements are more stringent. For more information, please contact customer service.


## Example Specification Wording

**CT-01 Acoustic Ceiling Tile**  
Material: Rockfon Medicare Air  
Format: **1200 x 600mm** Square Lay-In A24 edge  
Finish: Micro-textured white non-perforated water-repellent fleece to front, airtight rear membrane  
Sound Absorption: 0.90NRC to ISO 354  
Light Reflectance: 85% to ISO 7724-2  
Clean Room: Class 3 to ISO 14644-1  
Moisture: RH100 sag-resistant non-hygroscopic antimicrobial stone wool core  
Cleanability: Dry steam, damp cloth, vacuum  
Fire: Non-Combustible to AS1530.1 & Group 1 to AS5637.1:2015  
Warranty: Up to 15-Years against manufacturing defects and visible sag  
Lead Time: Custom item—Allow 14-weeks for project quantities  
Sustainability: LEED v4.0 Certification  
Contact: Modern Supplies - 1300 335 557 / [technical@modern.supplies](mailto:technical@modern.supplies)

## Example Image



## Format Options

Edge Detail	Tile Format (mm)*	Approximate Weight (kg/m <sup>2</sup> )	T-Grid Description
 A24	600 x 600 x 25	2.7	Square Lay-In 24mm T-grid
	1200 x 600 x 25		

Supplied by



**Grayking Interior Supply Pty Ltd**

**NSW**

65A Stephen Road  
Botany New South Wales 2019

(02) 9666 6688

[sales@grayking.com.au](mailto:sales@grayking.com.au)

**QLD**

(07) 3267 6222

[sales@grayking.com.au](mailto:sales@grayking.com.au)

[www.grayking.com.au](http://www.grayking.com.au)

Official Australian Partner to:

