

Rockfon[®] Medicare[™] Air

Datasheet



Sounds Beautiful

Rockfon® Medicare™ Air


- Specifically designed for use in pressurised healthcare environments where differential air pressure is required to prevent infection spreading eg. surgeries, recovery rooms, intensive care, etc.
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Can be cleaned with standard detergents and effectively disinfected by dry steam cleaning
- Class B sound absorption and highest fire safety (Class A1)
- Basic A-edge tile available in standard dimensions

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: airtight high performance membrane
- Sealed edges

Application Areas

- Healthcare

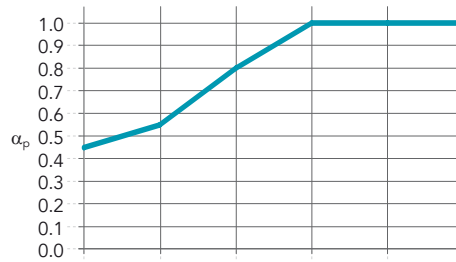
| Edge detail | Module size (mm) | Approximate weight (kg/m ²) | Recommended installation System |
|--|------------------|---|---------------------------------|
|  <p>A24</p> | 600 x 600 x 25 | 2,7 | Chicago Metallic™ T24 3830 |
| | 1200 x 600 x 25 | 2,7 | Chicago Metallic™ T24 3830 |



Performance



Sound absorption
 α_w : 0.80 (Class B)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

| Edge / Thickness (mm) / Suspension (incl. tile - mm) | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | α_w | Absorption class | NRC |
|---|--------|--------|--------|---------|---------|---------|------------|------------------|------|
| 25 / 200 | 0.45 | 0.55 | 0.80 | 1.00 | 1.00 | 1.00 | 0.80 | B | 0.90 |



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



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.



Surface durability
 Enhanced durability and dirt resistance.



Clean Room
 ISO Class 3



Air pressure
 This solution is perfect for rooms where differential pressure is a needed requirement to stop infections from spreading outside the room. When used in combination with a HDC 2 (25 mm tile) or HDC 7 (40 mm tile) and 8 clips per 600 x 600mm tile, the high-performance membrane with sealed edges, and a closed neoprene foam tape on the grid (mandatory for 25 mm tile) you get an air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa. For more information, please contact customer service.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 2.83 kg of CO₂ eq.
 (cradle to gate based on EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® is a registered trademark
of the ROCKWOOL Group.

06.2021 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

Sounds Beautiful

Rockfon Singapore

ROCKWOOL Building Materials
(Singapore) Pte Ltd.
No. 7, Tuas Avenue 1
Jurong Town,
Singapore 639492
Tel: (+65) 6861 4722
Fax: (+65) 6862 3533
E-mail: enquiry@rockfon.com
www.rockfon.asia

Rockfon Hong Kong

ROCKWOOL Building Materials
(Hong Kong) Ltd.
Unit 301-2, 3/F, Koon Wah Building,
No.2 Yuen Shun Circuit,
Yuen Chau Kok, Shatin,
N.T., Hong Kong
Tel: (+852) 2576-6117
Mobile: (+852) 9161-7924
E-mail: enquiry@rockfon.com
www.rockfon.asia

Rockfon

ROCKWOOL Middle East FZE
Office 139, Building 6WB, DAFZA
P. O. Box 293585, Dubai, UAE

Tel: +971-4-214-6280
E-mail: rockfonme@rockfon.com
ae.rockfon.com

Rockfon

ROCKWOOL France S.A.S.
111, rue du Château des Rentiers
75013 Paris

Tel: +33 1 40 77 82 82
Fax.: +33 1 45 86 77 90
E-mail: info@rockfon.fr
www.rockfon.fr

