

DATASHEET

# Rockfon® CleanSpace™ Essential



**Sounds Beautiful**

# Rockfon® CleanSpace™ Essential

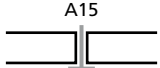



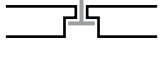



- Rockfon CleanSpace Essential has a white, gently cleanable, smooth surface
- A-edge tile available in standard dimensions
- High sound absorption (Class A) and highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Low particle emission: ISO Class 4
- Up to 100% humidity resistance

## Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges (20mm)

## Application Areas

- Education
- Retail
- Leisure

| Edge detail   | Module size (mm) | Weight (kg/m <sup>2</sup> ) | MS / MS easy access (mm) | Recommended installation System            | Recycled content | Cradle to Cradle Certified®   | A1-A3 Production stage impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )* | A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )* |
|---|------------------|-----------------------------|--------------------------|--|------------------|---|--|---|
|    | 600 x 600 x 20   | 2.1                         | 50 / 100                 | Rockfon® System T15 A™                     | 41%              |    | 2.47   | 2.97  |
|   | 600 x 600 x 20   | 2.1                         | 50 / 100                 | Rockfon® System CleanSpace T24 A, E (ECR)™ | 41%              |   | 2.47   | 2.97  |
|   | 1200 x 600 x 20  |                             | 50 / 100                 | Rockfon® System CleanSpace T24 A, E (ECR)™ |                  |   |  |   |
|  | 600 x 600 x 20   | 3.0                         | 50 / 100                 | Rockfon® System CleanSpace T24 A, E (ECR)™ | 34%              |  | -  | -   |
|   | 1200 x 600 x 20  |                             | 50 / 100                 | Rockfon® System CleanSpace T24 A, E (ECR)™ |                  |   | -  | -   |
|  | 600 x 600 x 20   | 3.0                         | 60 / 100                 | Rockfon® System CleanSpace T24 A, E (ECR)™ | 34%              |  | -  | -   |
|   | 1200 x 600 x 20  |                             | 60 / 100                 | Rockfon® System CleanSpace T24 A, E (ECR)™ |                  |   | -  | -   |

MS = Minimum Suspension

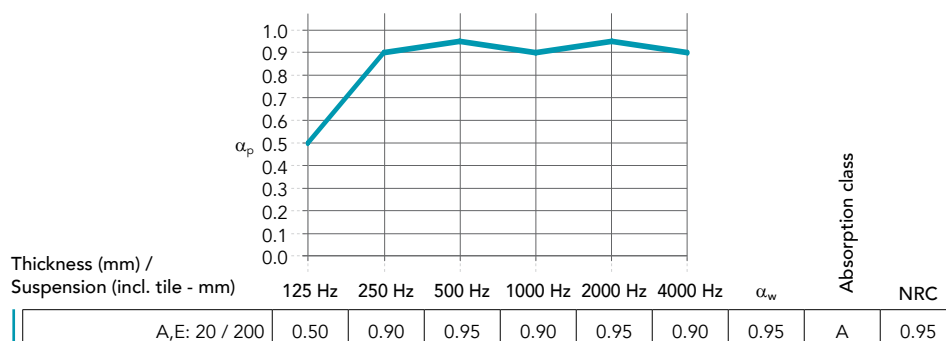
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/uk-epd](https://rockfon.link/uk-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.95 (Class A)



**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
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (quarterly disinfection):
  - Active chlorine 2,6%
  - Hydrogen peroxide 5%
  - Ethanol 70%



**Hygiene**  
 Stone wool provides no sustenance to microorganisms



**Clean Room**  
 ISO Class 4



**Recyclability**  
 Fully recyclable stone wool



**Indoor environment**  
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



**Material Health**  
 All materials used in Rockfon products are screened against the technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

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