Rockfon®

Part of the ROCKWOOL Group

# Rockfon Blanka®

Datasheet

Sounds Beautiful

# Rockfon Blanka®

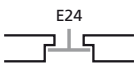
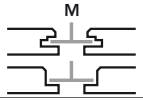
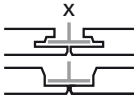
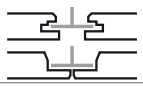
- Rockfon Blanka has a smooth, deep matt, super white surface with high light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment.
- Rockfon Blanka's non-directional surface reduces installation time and the anti-static surface withstands exposure to site dust.
- The enhanced surface durability makes Rockfon Blanka more resistant to dirt and everyday wear and tear, extending the product lifetime.

## Product Description

- Stone wool tile
- Visible side: smooth, deep matt, super white painted fleece
- Rear side: back fleece

## Application Areas

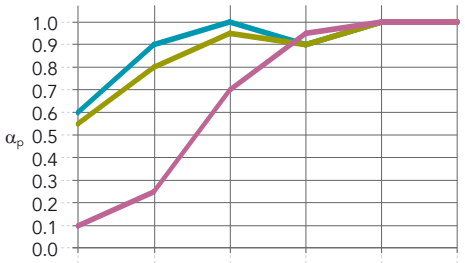
- Office
- Education
- Retail
- Leisure
- Healthcare

| Edge detail | Module size (mm) | Weight (kg/m²) | MS / MS easy access (mm) | Recommended installation System |
|---|---|---|---|---|
| A15 | 600 x 600 x 20 | 2.3 | 50 / 100 | Rockfon® System T15 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System T15 A, E ECR™ |
| A24 | 600 x 600 x 20 | 2.3 | 50 / 100 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System XL T24 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1200 x 300 x 20 | 2.3 | 50 / 100 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1200 x 600 x 20 | 2.3 | 50 / 100 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1500 x 300 x 20 | 2.3 | 50 / 100 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1800 x 300 x 20 | 2.3 | 50 / 100 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1800 x 600 x 20 | 2.3 | 50 / 200 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 200 | Rockfon® System XL T24 A™ |
| | | 2.3 | 50 / 200 | Rockfon® System T24 A, E ECR™ |
| | 2400 x 600 x 20 | 2.3 | 50 / 200 | Rockfon® System T24 A™ |
| | | 2.3 | 50 / 200 | Rockfon® System T24 A, E ECR™ |
| B | 600 x 600 x 20 | 3.4 | 20 / not demountable | Rockfon® System B Adhesive™ |
| | 1200 x 600 x 20 | 3.4 | 20 / not demountable | Rockfon® System B Adhesive™ |
| D | 600 x 600 x 20 | 3.4 | 62 / 62 | Rockfon® System XL T24 D™ |
| | 1200 x 300 x 20 | 3.4 | 70 / 70 | Rockfon® System T24 Stepped Z D™ |
| | 1200 x 600 x 20 | 3.4 | 70 / 70 | Rockfon® System T24 Stepped Z D™ |
| | 1500 x 300 x 20 | 3.4 | 70 / 70 | Rockfon® System T24 Stepped Z D™ |
| | 1800 x 300 x 20 | 3.4 | 70 / 70 | Rockfon® System T24 Stepped Z D™ |
| | 1800 x 600 x 20 | 3.4 | 70 / 70 | Rockfon® System T24 Stepped Z D™ |
| | 1200 x 1200 x 25 | 4.1 | 70 / 70 | Rockfon® System T24 Stepped Z D™ |
| E15 | 600 x 600 x 20 | 2.8 | 60 / 100 | Rockfon® System T15 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T15 A, E ECR™ |
| | | 2.8 | 100 / 100 | Rockfon® System Ultraline E™ |
| | 1200 x 300 x 20 | 2.8 | 60 / 100 | Rockfon® System T15 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T15 A, E ECR™ |
| | | 2.8 | 100 / 100 | Rockfon® System Ultraline E™ |
| | 1200 x 600 x 20 | 2.8 | 60 / 100 | Rockfon® System T15 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T15 A, E ECR™ |
| | | 2.8 | 100 / 100 | Rockfon® System Ultraline E™ |
| | 1500 x 300 x 20 | 2.8 | 60 / 100 | Rockfon® System T15 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T15 A, E ECR™ |
| | | 2.8 | 100 / 100 | Rockfon® System Ultraline E™ |
| | 1800 x 300 x 20 | 2.8 | 60 / 100 | Rockfon® System T15 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T15 A, E ECR™ |
| | | 2.8 | 100 / 100 | Rockfon® System Ultraline E™ |
| E24  | 600 x 600 x 20 | 2.8 | 60 / 100 | Rockfon® System T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System XL T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1200 x 300 x 20 | 2.8 | 60 / 100 | Rockfon® System T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1200 x 600 x 20 | 2.8 | 60 / 100 | Rockfon® System T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1500 x 300 x 20 | 2.8 | 60 / 100 | Rockfon® System T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1800 x 300 x 20 | 2.8 | 60 / 100 | Rockfon® System T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1800 x 600 x 20 | 2.8 | 60 / 100 | Rockfon® System T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System XL T24 E™ |
| | | 2.8 | 60 / 100 | Rockfon® System T24 A, E ECR™ |
| | 1200 x 1200 x 25 | 3.4 | 60 / 150 | Rockfon® System T24 E™ |
| | | 3.4 | 60 / 150 | Rockfon® System T24 A, E ECR™ |
| M  | 600 x 600 x 20 | 3.4 | 62 / 62 | Rockfon® System T24 M™ |
| | 1200 x 600 x 20 | 3.4 | 62 / 62 | Rockfon® System T24 M™ |
| X  | 600 x 600 x 22 | 3.7 | 67 / 67 | Rockfon® System T24 X™ |
| | | 3.7 | 67 / 67 | Rockfon® System T24 X DLC™ |
| | 1200 x 600 x 22 | 3.7 | 67 / 67 | Rockfon® System T24 X™ |
| | | 3.7 | 67 / 67 | Rockfon® System T24 X DLC™ |
| | 1800 x 600 x 22 | 3.7 | 67 / 67 | Rockfon® System T24 X™ |
| | | 3.7 | 67 / 67 | Rockfon® System T24 X DLC™ |
| | 2100 x 600 x 25 | 4.1 | 67 / 67 | Rockfon® System T24 X™ |
| | | 4.1 | 67 / 67 | Rockfon® System T24 X DLC™ |
| | 2400 x 600 x 25 | 4.1 | 67 / 67 | Rockfon® System T24 X™ |
| | | 4.1 | 67 / 67 | Rockfon® System T24 X DLC™ |
| Z  | 600 x 600 x 20 | 3.4 | 64 / 64 | Rockfon® System T24 Z™ |
| | 1200 x 600 x 20 | 3.4 | 64 / 64 | Rockfon® System T24 Z™ |
| | 1800 x 600 x 20 | 3.4 | 64 / 64 | Rockfon® System T24 Z™ |

*MS = Minimum Suspension*
*Other dimensions are available on request. Please contact Rockfon.*

# Performance

### Sound absorption
$\alpha_w$: up to 1.00 (Class A)




| Edge / Thickness (mm) / Suspension (incl. tile - mm) | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | $\alpha_w$ | Absorption class | NRC |
|---|---|---|---|---|---|---|---|---|---|
| A,E: 20-25 / 200 | 0.60 | 0.90 | 1.00 | 0.90 | 1.00 | 1.00 | 1.00 | A | 1.00 |
| Other edges: 20-25 / 200 | 0.55 | 0.80 | 0.95 | 0.90 | 1.00 | 1.00 | 0.95 | A | 0.95 |
| Other edges: 20 / 20 | 0.10 | 0.25 | 0.70 | 0.95 | 1.00 | 1.00 | 0.55 | D | 0.70 |

### Reaction to fire
A1

### Light reflection and light diffusion
87% light reflection
>99% light diffusion

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

### Cleaning
- Vacuum
- Damp cloth

### Hygiene
Stone wool provides no sustenance to microorganisms

### Surface durability
Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 1

*The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1 is best.*

### 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
2.43 - 4.14 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

### Impact resistance
Class 3A
Impact resistance of Rockfon Blanka with edge Z or M has been tested in accordance with EN13964 – Annex D and approved as Class 3A.

### Visual appearance
Super white surface
L value: 94.5
*The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).*

Deep matt surface, perfect in critical side-light
Gloss: 0.8 gloss unit at 85° angle
*The gloss of the product is tested in accordance with ISO 2813.*

Rockfon® is a registered trademark
of the ROCKWOOL Group.

linkedin.com/company/Rockfon-as
pinterest.com/Rockfon
youtube.com/RockfonOfficial
facebook.com/RockfonOfficial
instagram.com/Rockfon_Official

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**Rockfon**
ROCKWOOL Limited T/A Rockfon
14th Floor, Chiswick Tower, 389 Chiswick High Road,
London W4 4AL
Tel: +44 (0) 208 222 7457
www.rockfon.co.uk