

# Industrial

Industrial Opal

Industrial Black

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Industrial ceiling panels are low in weight, ensuring quick and easy installation. Industrial ceiling panels have a pre-finished

surface, coated edges, sealed backs and provide a high level of sound absorption. Available in off white (Opal) or black finish.

## ASSORTMENT INDUSTRIAL OPAL

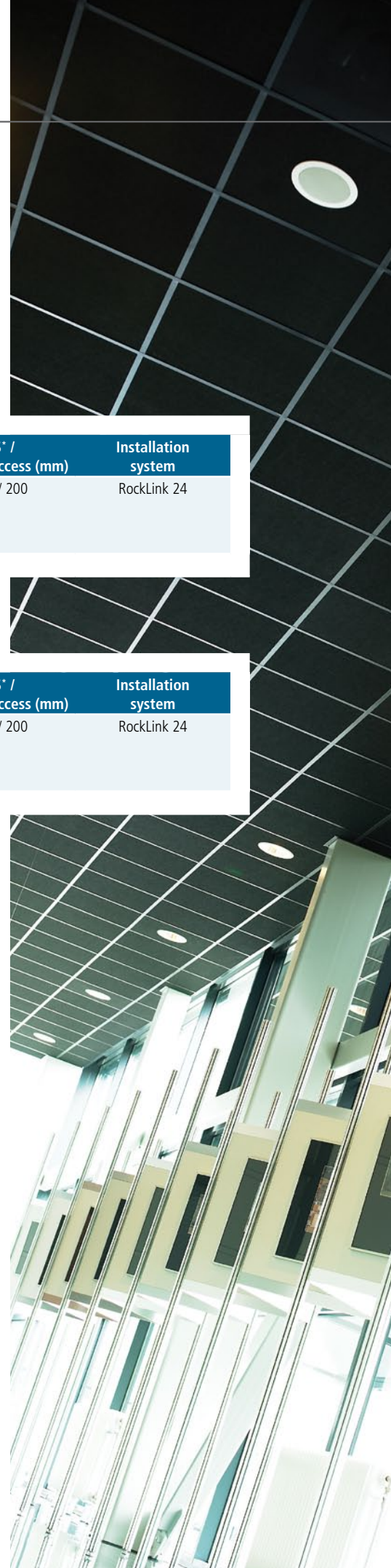
Edge detail	Module size (mm)	Product code	Weight (kg/m <sup>2</sup> )	MS* / MS* easy access (mm)	Installation system
A24 	1200 x 600 x 50	6501-0001	4.0	50 / 200	RockLink 24

\* MS - Minimum Suspension

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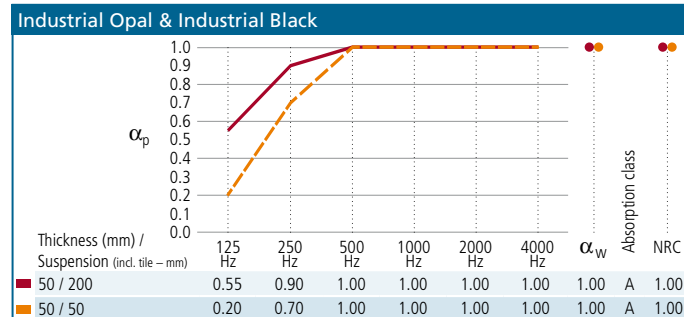
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## SOUND ABSORPTION

Sound absorption has been measured in accordance with ISO 354. Sound absorption data  $\alpha_p$ ,  $\alpha_w$  and absorption class are calculated in accordance with ISO 11654. Noise Reduction Coefficient (NRC) is calculated in accordance with ASTM C423.



## FIRE PERFORMANCE

**General:** Industrial has a core of stone wool. Stone wool is non-combustible with a melting point of more than 1000°C.

**Reaction to fire:** Class A1 in accordance with EN 13501-1.

**Fire protection:** The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes. Some sizes and edge details of Industrial can be used with various RockLink grid systems to create a 60 minutes fire protecting ceiling in accordance with BS 476 Part 21 and Part 23. They can also be used to create a 30 minutes fire protecting membrane ceiling (integrity only) in accordance with BS 476 Part 22.



## HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon ceiling tiles are dimensionally stable even at humidity levels of up to 100% RH and can be installed at all temperatures ranging from 0°C to 40°C.

No acclimatisation is necessary.

Industrial is predominantly classified as Class 1/C/0N in accordance with BS EN 13964. However, certain module sizes (width above 700mm) are Class 2/C/0N.



## LIGHT REFLECTION

Off white (Opal), 64% diffuse light reflection in accordance with ISO 7724-2.



## THERMAL CONDUCTIVITY

Industrial with a thickness equal to and exceeding 30mm has been measured in accordance with EN 12667 and has obtained the following value:  $\lambda_D = 37$  mW/mK.

**Thermal resistance:**  $R = 1.35$  m<sup>2</sup> K/W.



## HYGIENE

Stone wool has no nutritional value and therefore it provides no sustenance to harmful micro-organisms.



## CLEANING

The surface can be vacuum cleaned with a soft brush attachment.



## ENVIRONMENT

A representative selection of Rockfon products have been awarded the Indoor Climate Label and the Finnish Indoor Climate Label (M1). Industrial is recyclable.

# ACTIVATE YOUR CEILING

Rockfon® develop intelligent ceiling solutions which actively address a number of important issues in modern buildings and renovation projects.

Rockfon products are known for their design, aesthetics and ease of installation; coupled with the key performance features of superior fire resistance and acoustics.

This ensures that our ceiling solutions are among the highest performing, most cost effective and time efficient in today's interiors market.

The comprehensive ceiling solution portfolio from Rockfon ensures that our customers are able to actively add value to the construction process, by ultimately creating superior interior environments.

That is why we say "ACTIVATE YOUR CEILING".

## Rockfon

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