

## Artic®

The optimal acoustic comfort and the elegant look.

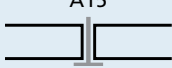

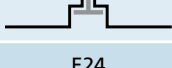
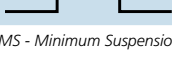
## The optimal acoustic comfort and the elegant look.

Artic tiles has the smooth, white surface, the back fleece from the glass fiber and painted side edges.

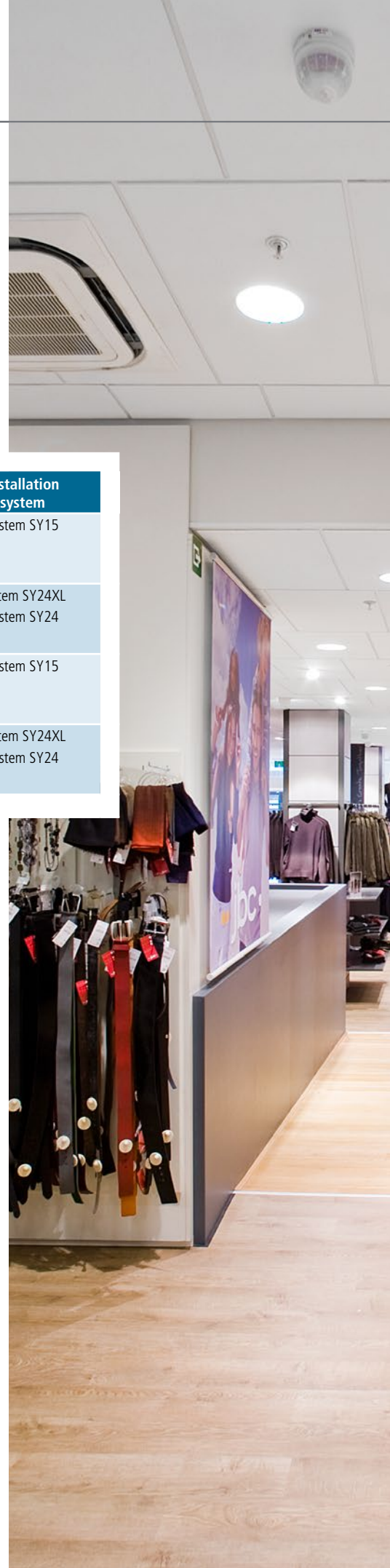
Artic is the perfect combination of good price, properties in terms of the sound absorption and modern aesthetic look.

Tiles have the wide possibilities of application. They perfectly prove in the spaces, where the acoustics and look are extremely important. Light and easy in installation tiles, available in the A and E edges could be suspended in the standards system of exposed and semi-concealed grid ceilings.

### ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS* / MS* easy access (mm)	Installation system
 A15	600 x 600 x 15	2.0	50 / 100	System SY15
	1200 x 600 x 15	2.0	50 / 100	
 A24	600 x 600 x 15	2.0	50 / 100	System SY24XL System SY24
	1200 x 600 x 15	2.0	50 / 100	
 E15	600 x 600 x 15	2.2	58 / 100	System SY15
	1200 x 600 x 15	2.2	58 / 100	
 E24	600 x 600 x 15	2.2	58 / 100	System SY24XL System SY24
	1200 x 600 x 15	2.2	58 / 100	

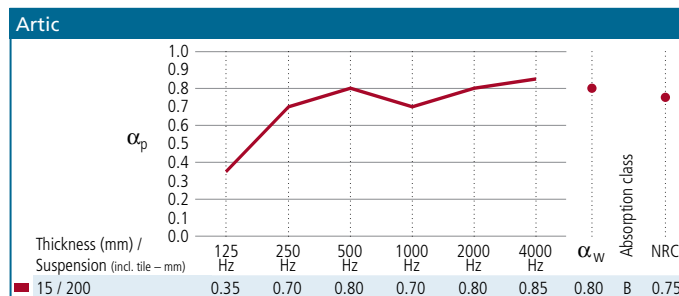
\* MS - Minimum Suspension





## 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.



## FIRE PERFORMANCE

**General:** ROCKFON ceiling tiles have 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 Artic can be used with various RockLink grid systems to create a 30 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.

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



## LIGHT REFLECTION

White, 85% diffuse light reflection in accordance with ISO 7724-2.



## 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.



## AFTERCARE

The tiles can be post factory treated with a re-finishing paint, e.g. a PVA water based latex paint. The paint should be applied with an airless spray in a low amount (no brushing or rolling). ROCKFON advises the use of the smallest amount of paint in order to minimise reduction in sound absorption. The surface of the tiles must be clean and dry and the existing paint surface must be firmly adhered to the tile prior to refinishing. Heavily discoloured tiles should be replaced.

Disclaimer: The application of refinishing paint will influence acoustic properties and fire safety performance. ROCKFON takes no responsibility for these properties after treatment.



## ENVIRONMENT

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

