

Tropic

*Attractive smooth white surface tiles  
which provide excellent acoustics in a  
range of areas.*

activeceilings®

ROCKWOOL  
**Rockfon**®  
ACTIVATE YOUR CEILING

# Tropic

Attractive smooth white surface tiles which provide excellent acoustics in a range of areas.

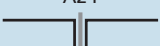

Tropic combines aesthetic surface with very good acoustics, fire safety and humidity resistance properties. The different module sizes and edge details in the Tropic assortment provide opportunities

for concealed and semi-concealed ceiling expressions as well as standard visible grid.

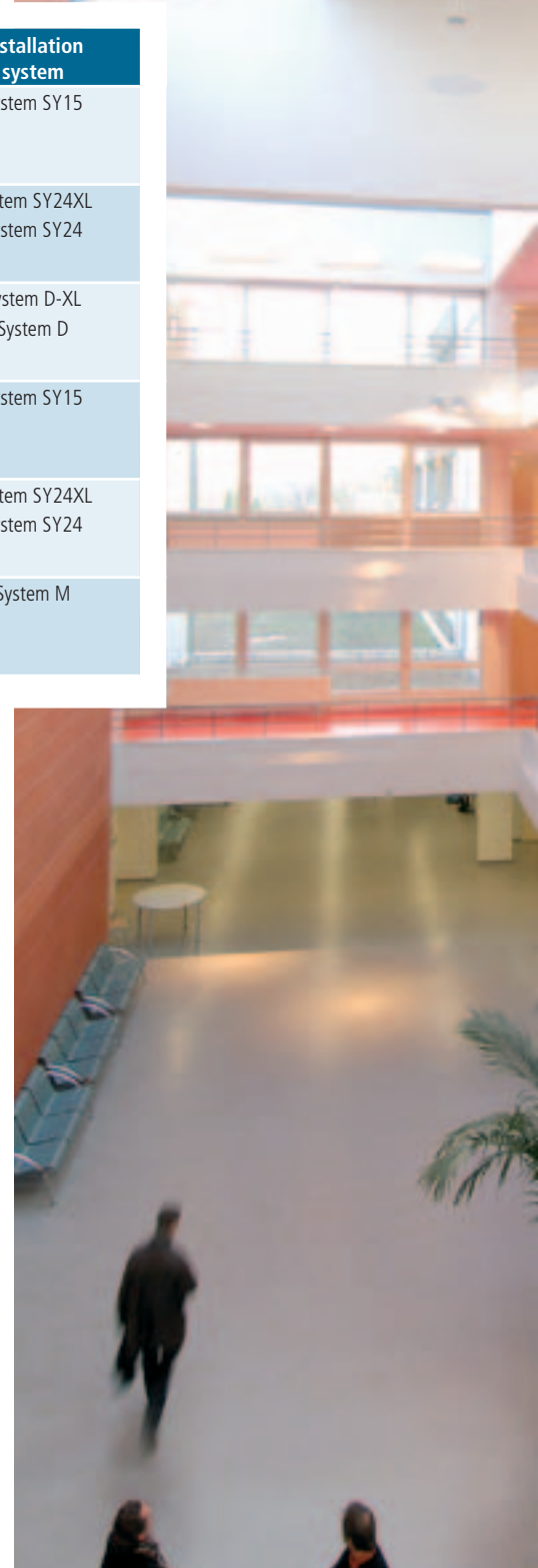
Please contact Rockfon to enquire about Tropic sales outside Europe.



## TROPIC

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS* easy access (mm)	Installation system
A15 	600 x 600 x 15	1.9	100	System SY15
A24 	600 x 600 x 15 1200 x 600 x 15	1.9 1.9	100 100	System SY24XL System SY24
D 	600 x 600 x 20 1200 x 600 x 20	3.5 3.5	60 60	System D-XL System D
E15 	600 x 600 x 15 1200 x 600 x 15	2.5 2.5	100 100	System SY15
E24 	600 x 600 x 15 1200 x 600 x 15	2.4 2.4	100 100	System SY24XL System SY24
M 	600 x 600 x 20 1200 x 600 x 20	3.5 3.5	60 60	System M

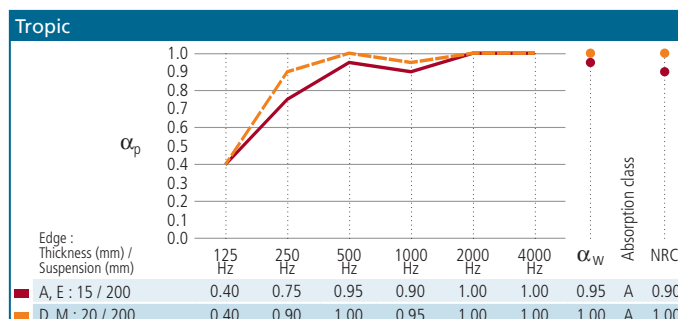
\* MS - Minimum Suspension





## 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. Noise Reduction Coefficient (NRC) is calculated in accordance with ASTM C423.



## 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.



## 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.

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



## LIGHT REFLECTION

White, 86% 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 treated with Rockfon finishing paint, PVA water-based special paint with safety code 00-1, applied in the correct amount with an airless spray with good capacity. 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.

The painting of acoustic tiles reduces the sound absorption by approximately 10%.



## ENVIRONMENT

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

Tropic 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".

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