

Koral

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Koral Tenor

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Rockfon Koral is available in a variety of formats suitable for many applications. The micro-textured, painted white surface

ensures high sound absorption and provides the freedom to work with individual and straight forward ceiling designs.

ASSORTMENT

Edge detail	Module size (mm)	Product code	Weight (kg/m ²)	MS* / MS* easy access (mm)	Installation system
 A15	600 x 600 x 15	6361-0005	1.9	50 / 100	RockLink 15**
	600 x 600 x 20	6401-0011	2.4	50 / 100	
 A24	600 x 600 x 15	6361-0005	1.9	50 / 100	RockLink 24**
	1200 x 600 x 15	6361-0008	1.9	50 / 100	RockLink 24 FasTrac
	1200 x 600 x 20	6401-0002	2.4	50 / 100	
 E15	600 x 600 x 15	6401-0045	2.5	50 / 100	RockLink 15**
	1200 x 600 x 15	6401-0145	2.5	50 / 100	
 E24	600 x 600 x 15	6401-0046	2.5	58 / 100	RockLink 24**
	1200 x 600 x 15	6401-0050	2.5	58 / 100	RockLink 24 FasTrac

* MS - Minimum Suspension

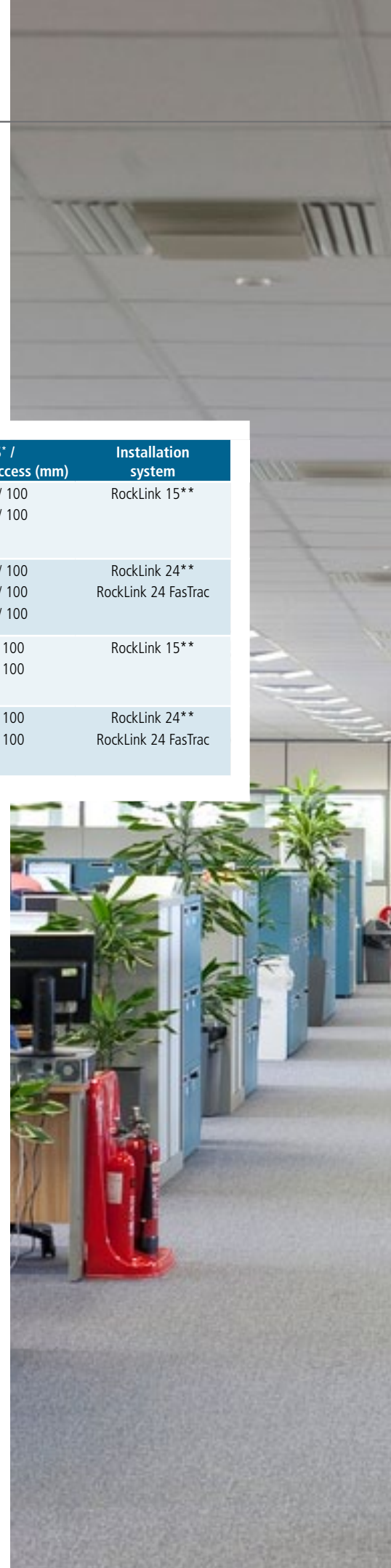
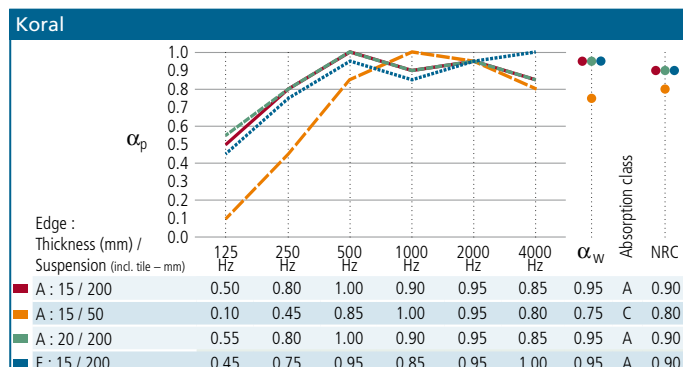
** Also available in an Enhanced Corrosion Resistant (ECR) format for use in harsh environments e.g. swimming pool halls, kitchens etc.



SOUND ABSORPTION

Sound absorption has been measured in accordance with ISO 354.

Sound absorption data α_p , α_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. Some sizes and edge details of Koral 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.

Koral 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

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. The surface can also be cleaned once a week using a sponge or cloth and warm water (max. 40°C) with a slightly alkaline detergent (max. pH 10) without alcohol, ammonia or chlorine. Cleaning with a damp sponge or cloth may render the surface slightly shinier and we therefore recommend cleaning the whole surface evenly for best results.



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).

Koral is recyclable.



Koral Tenor

The special surface of Koral Tenor is particularly suited to areas such as concert and lecture halls for optimum acoustic performance.

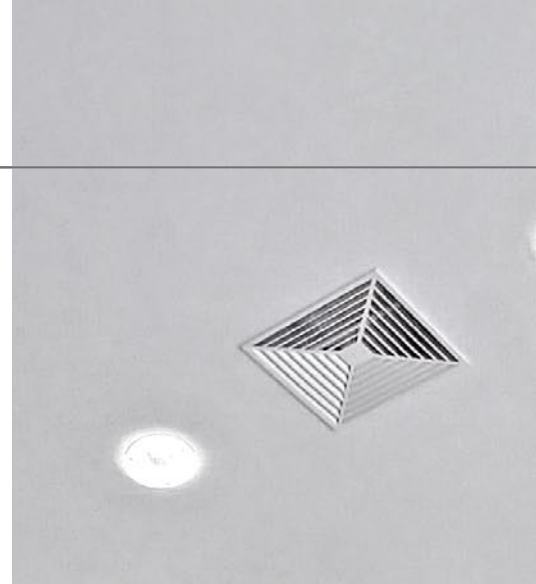
Koral Tenor is a special surface Koral which provides higher sound absorption at lower frequencies and lower sound absorption at

higher frequencies. Koral Tenor is suitable for installation together with Koral in lecture and concert halls for optimum acoustics.

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A24 	600 x 600 x 15	6401-0002	2.0	50 / 100	RockLink 24 RockLink 24 FasTrac

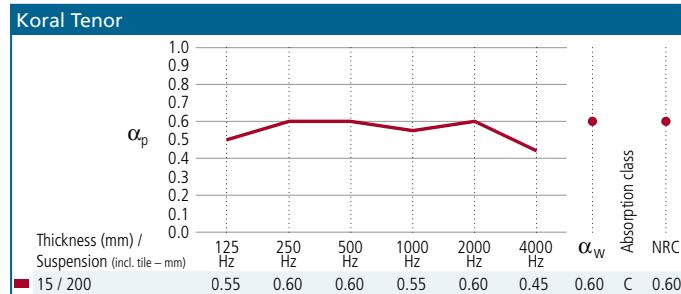
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ACTIVATE YOUR CEILING

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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