

## Rockfon<sup>®</sup> Boxer<sup>™</sup>

Datasheet



# Rockfon® Boxer™

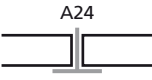
- Reinforced micro-textured white surface provides high impact resistance, ideal for schools and sports facilities
- Exceptional sound absorption for echo-prone areas
- Fire class A1 and dimensionally stable even at humidity levels of up to 100%

## Product Description

- Stone wool panel
- Visible side: micro-textured white reinforced fleece
- Rear side: back fleece

## Application Areas

- Education

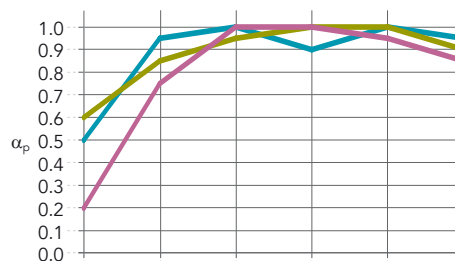
Edge detail	Module size (mm)	Approximate weight (kg/m <sup>2</sup> )	Recommended installation System
 <p>A24</p>	600 x 600 x 20	2,4	Chicago Metallic™ T24 3830
		2,4	Chicago Metallic™ T15 4050
		2,4	Chicago Metallic™ T24 1812
	1200 x 600 x 20	2,4	Chicago Metallic™ T24 3830
		2,4	Chicago Metallic™ T15 4050
		2,4	Chicago Metallic™ T24 1812
	1800 x 600 x 20	2,4	Chicago Metallic™ T24 3830
		2,4	Chicago Metallic™ T15 4050
		2,4	Chicago Metallic™ T24 1812
	600 x 600 x 40	4,1	Chicago Metallic™ T24 3820
		4,1	Chicago Metallic™ T15 4050
	1200 x 600 x 40	4,1	Chicago Metallic™ T24 3820
		4,1	Chicago Metallic™ T15 4050



## Performance



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



Thickness (mm) /  
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	Absorption class	NRC
20 / 205	0.50	0.95	1.00	0.90	1.00	0.95	1.00	A	0.95
40 / 225	0.60	0.85	0.95	1.00	1.00	0.90	1.00	A	0.95
40 / 40	0.20	0.75	1.00	1.00	0.95	0.85	0.95	A	0.95



**Reaction to fire**  
 A1



**Light reflection**  
 85%



**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



**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 - 4.01 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



**Thermal insulation**  
 Thermal conductivity:  
 $\lambda_D = 37 \text{ mW/mK}$   
 Thermal resistance:  
 40 mm: R = 1,05 m<sup>2</sup>K/W



**Impact Resistance**  
 20 mm : Class 3A (Rockfon System 3810)  
 40 mm : Class 2A (Rockfon System 3810)  
 Tested in accordance with EN13964-Annex D. Impact resistance classifications confirm the system's capability to withstand incidental or occasional impact.



Rockfon® is a registered trademark  
of the ROCKWOOL Group.

06.2021 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

## Sounds Beautiful

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