Rockfon

DATASHEET

Rockfon® Timber Wall

Sounds Beautiful

Rockfon® Timber Wall

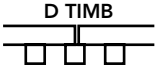
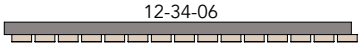
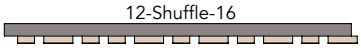
- Rockfon Timber is a range of high-quality wood panel systems designed to improve the sound quality within a room, reducing echo and noise levels to create a more comfortable and pleasant indoor environment. It combines the aesthetic beauty of wood with the excellent acoustic properties of stone wool.
- Rockfon Timber is engineered with a high-grade reaction to fire perfomance on a system level, ensuring safety without compromising aesthetics, providing peace of mind in any space.
- Designed for easy installation, our acoustic panel system streamlines the process, saving time and effort during installation.

Product Description

- Wood panel system with integrated stone wool absorber for optimised acoustics and ease of installation.
- Available in 2 different design patterns and 2 module sizes.
- The wood panels are made of Poplar Plywood with veneer surfaces in oak, walnut, ash or pine. The visible fleece between the wood panel and stone wool absorbent is available in black or grey.

Application Areas

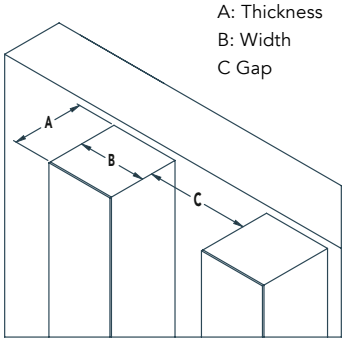
- Office
- Healthcare
- Education
- Leisure
- Retail

Edges	Design*	Module size (mm)	Weight (kg/m²)
D TIMB 	12-34-06 	1200 x 600 x 33	8.3
		2400 x 600 x 33	8.1
	12-Shuffle-16 	1200 x 600 x 33	7.4
		2400 x 600 x 33	7.2

** Explanation of designs:*
12-34-06: 12=Thickness, 34=Width, 6=Gap
12-Shuffle-16: 12=Thickness, 29 and 50 (shuffled)=Width), 16=Gap

** When installed with an air gap behind, please use a wooden batten with thickness = 57mm

A: Thickness
B: Width
C Gap



Design

12-34-06

12-Shuffle-16

Veneer Types

Walnut

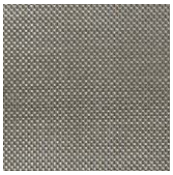
Oak

Ash

Pine

Fleece Colours

Black



Grey

Characteristics of Wood
Wood is a natural material and some degree of variation in Colour tones, texture and visual appearance must be expected from products made from wood - even from the same production batch. We cannot guarantee that products made from different production batches are intermixable even though the product is exactly the same.

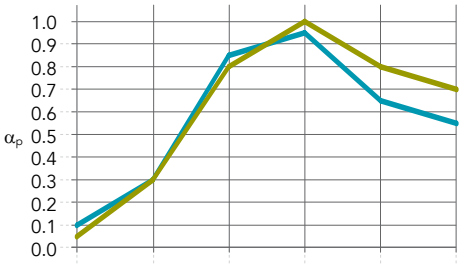
Wood products naturally develop a patina and change in appearance over time, particularly when exposed to natural light and environments with high humidity. As a result, it is generally not possible to provide new products with the exact same visual expression as products that have already been installed, even after relatively short periods of time.

In critical light conditions where high levels of daylight or electrical light is projected onto the wood products from steep angles, significant variations in the visual appearence must be expected.

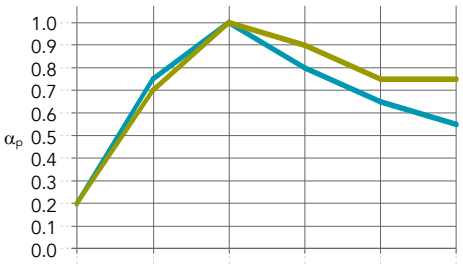
Performance

Sound absorption
α_w: up to 0.85 (Class B)

** Installed with air gap of 57mm behind the panel.*
*** Direct installation. No air gap behind the panel.*



Product / Total installation depth (mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Rockfon Timber Wall 12-34-06 + absorbent 20 mm / 33**	0.10	0.30	0.85	0.95	0.65	0.55	0.60	C	0.70
Rockfon Timber Wall 12-shuffle-16 + absorbent 20 mm / 33**	0.05	0.30	0.80	1.00	0.80	0.70	0.60	C	0.70



Product / Total installation depth (mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Rockfon Timber Wall 12-34-06 + absorbent 20 mm / 90*	0.20	0.75	1.00	0.80	0.65	0.55	0.70	C	0.80
Rockfon Timber Wall 12-shuffle-16 + absorbent 20 mm / 90*	0.20	0.70	1.00	0.90	0.75	0.75	0.85	B	0.85

Reaction to fire
B-s1,d0
B-s2,d0 (Oak/Pine: 12-Shuffle-16)
Classified in accordance with EN 13501-1

Humidity and sag resistance
Rockfon Timber is suitable for dry indoor use only. Up to 65% RH.

Cleaning
- Vacuum

Hygiene
Stone wool provides no sustenance to microorganisms

Recyclability
Fully recyclable stone wool

Indoor environment
Rockfon Timber wall panels have a low release of VOCs.

Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH or recognized as Substances of Very High Concern (SVHC) on an ongoing basis. Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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