



Natural wood-wool
boards **for walls
and ceilings**

FIBRO-KUSTIK



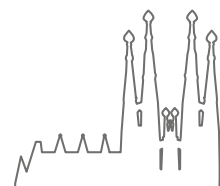
SOPREMA



FIBRO-KUSTIK



1 mm



FIBRO-KUSTIK BARCELONA

Fire Rate Euroclass B-s1, d0 without flame propagation
Superfine wood-wool (approx. 1 mm)



FIBRO-KUSTIK FLORENCE

Fire Rate Euroclass A2-s1, d0 non flammable
Superfine wood-wool (approx. 1 mm)



2 mm



FIBRO-KUSTIK BERLIN

Fire Rate Euroclass B-s, d0 without flame propagation
Fine wood-wool (approx. 2 mm)



FIBRO-KUSTIK PARIS

Fire Rate Euroclass A2-s, d0 non flammable
Fine wood-wool (approx. 2 mm)



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Products

THE +

- › Wood-wool, minerally bound
- › Ecologically sound
- › Good sound absorption values of up to 0.85
- › Easy installation
- › Multiple applications
- › Above 25 mm thick Fibro-Kustik boards are ball impact resistant - an important prerequisite for use in sports and leisure facilities
- › High vapour permeability
- › Robust and resistant surface
- › Fine (2 mm) and Superfine (1 mm) fiber structure
- › Thickness from 15 up to 50 mm
- › Different types of edges
- › Also available with RAL and NCS colours
- › Pure Genius boards have indoor air cleaning effect.

Acoustics is a central aspect for a pleasant sense of space. If the reverberation time of spoken words or sounds is too long, you quickly feel uncomfortable. The causes of this unpleasant effect are generally hard and smooth surfaces that are not sufficiently sound absorbent.

FIBRO-KUSTIK

Ceiling-panels, room dividers, wall elements, or full-surface wall and ceiling cladding made of Fibro-Kustik boards improve the room acoustics and create a natural coziness. Due to the open pore structure with numerous cavities, they achieve very good sound absorption values. The characteristic surface texture of the wood-wool boards offers creative design possibilities.

BOARD TYPES

Fibro-Kustik acoustic boards are available in four types:







Florence, Barcelona, Paris and Berlin. They differ in the fire reaction and fiber widths.

INSTALLATION

Fibro-Kustik boards can be directly mounted on all common metal or wooden substructures. Also various rail systems can be used for inlay mounting in ceilings.

Fibro-Kustik Berlin







WW acoustic board according to EN 13168, Euroclass B-s1, d0. Fine wood fiber (approx. 2 mm)

Code	Product	Dimensions (mm)	Model	R_b (m ² · K/W)	m ² /pallet	boards / pallet
00034452	FIBRO-KUSTIK BERLIN 2mm	1200x600x15 mm	Straight edge	0,20	92,16	128
00034572		600x600x15 mm				256
00034482		1200x600x15 mm	Straight edge for inlay mounting			128
00034602		600x600x15 mm				256
00034454		1200x600x25 mm	Straight edge	0,33	50,40	70
00034574		600x600x25 mm				140
00034484		1200x600x25 mm	Straight edge for inlay mounting			70
00034604		600x600x25 mm				140
00034525		1200x600x35 mm	All sided grooved and chamfered edges, non demountable	0,47	40,32	56
00034645		600x600x35 mm				112
00058062		1200x615x35 mm	All sided grooved and chamfered edges, demountable		41,33	56
00058066		600x615x35 mm				112



Fibro-Kustik Barcelona

WW acoustic board according to EN 13168, Euroclass B-s1, d0. Superfine wood fiber (approx. 1 mm)

Code	Product	Dimensions (mm)	Model	R_b (m ² · K/W)	m ² /pallet	boards / pallet
00034118	FIBRO-KUSTIK BARCELONA 1mm	1200x600x15 mm	Straight edge	0,20	92,16	128
00034238		600x600x15 mm				256
00034148		1200x600x15 mm	Straight edge for inlay mounting			128
00034268		600x600x15 mm				256
00034120		1200x600x25 mm	Straight edge	0,33	50,40	70
00034240		600x600x25 mm				140
00034150		1200x600x25 mm	Straight edge for inlay mounting			70
00034270		600x600x25mm				140
00034191		1200x600x35 mm	All sided grooved and chamfered edges, non demountable	0,47	40,32	56
00034311		600x600x35mm				112
00058054		1200x615x35 mm	All sided grooved and chamfered edges, demountable		41,33	56
00058058		600x615x 35 mm				112



Fibro-Kustik Paris

WW acoustic board according to EN 13168, Euroclass A2-s1, d0. Fine wood fiber (approx. 2 mm)

Code	Thickness (mm)	kg /m ²	Length (mm)	Width (mm)	R _p (m ² .K/W)	m ² /pallet
*	15	12,3	1200	600	0,20	92,16
*	25	14,3	1200	600	0,33	50,40

*Not available yet. Please check sales conditions

Fibro-Kustik Florence

WW acoustic board according to EN 13168, Euroclass A2-s1, d0. Superfine wood fiber (approx. 1 mm)

Code	Thickness (mm)	kg /m ²	Length (mm)	Width (mm)	R _p (m ² .K/W)	m ² /pallet
*	15	12,3	1200	600	0,20	92,16
*	25	14,3	1200	600	0,33	50,40

*Not available yet. Please check sales conditions

OTHER AVAILABLE FINISHING (*)

Small chamfered Edge - 5 mm



Large chamfered Edge - 11 mm



Straight edge with rabbet edge 5 on all visible sides



Straight edge with rabbet edge 24 on the visible side



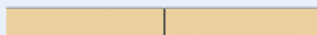


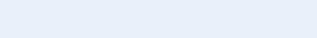
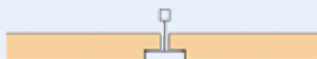
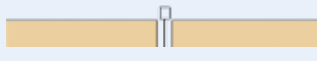



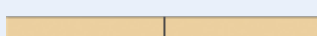
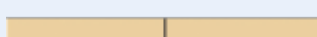

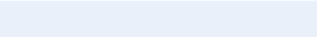
Rabbet edges on 2 sides, chamfered edges on all 4 visible sides



Grooved on two sides and chamfered edge on 4 visible sides



Applications

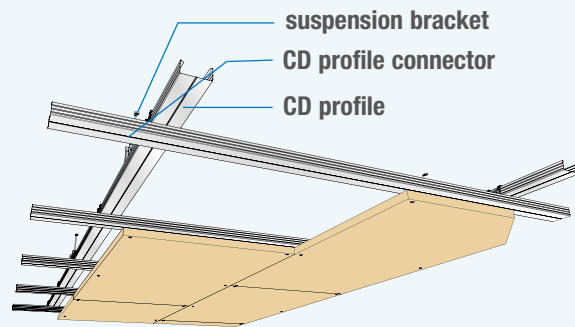
Application	Mounting	Edge Design	Edge	Thickness	Product
Walls and Ceilings	DM- Directly mounted		Straight edge	15/25/35 mm	Berlin/ Barcelona/ Florence/Paris
			Small beveled edge 5mm		
			Large beveled edge 11mm	25/35 mm	
			Straight edge with rabbet edge 5 on all visible sides	15/25/35 mm	
Ceilings	IM- Inlay mounting		Straight Edge	15/25/35 mm	
			Straight edge with rabbet edge 24 on the visible side	25/35 mm	
			Rabbet edges on 2 sides, chamfered edges on all 4 visible sides	25/35 mm	
	CM- Concealed mounting		All-sided grooved and chamfered edges, non demountable	25/35 mm	
			All-sided grooved and chamfered edges, demountable	35 mm	
	Walls and ceilings with impact ball resistance requirements	DM- Directly mounted		Straight edge	
			Small beveled edge 5mm		
			Large beveled edge 11mm		
			Straight edge with rabbet edge 5 on all visible sides		



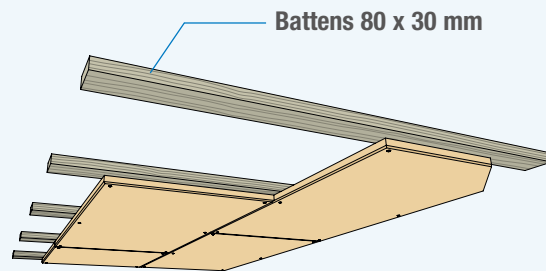
Applications

CEILING CONSTRUCTIONS

Fibro-Kustik boards can be screwed directly onto metal or wooden substructures.



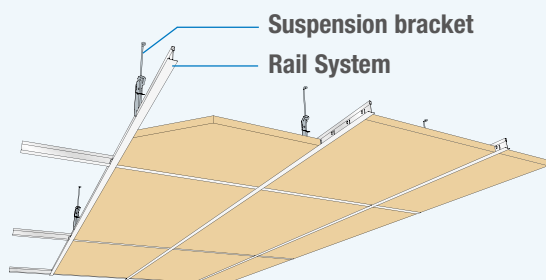
Example: Fibro-Kustik boards 1200 x 600 mm with straight edges. Direct mounting on metal substructure out of CD profiles



Example: Fibro-Kustik boards 1200 x 600 mm with beveled edges. Direct mounting on wooden substructure made of 80 x 30 mm wooden boards.

INLAY MOUNTING

Various rail systems can be used for inlay mounting in ceilings



Example: Fibro-Kustik boards 1200 x 600 mm with straight edges. Inlay mounting with visible rail system



Healthy Indoor Air

Sunlight, which shines through the windowpanes on to the ceiling – but also artificial light from lamps – activates the air-cleaning function of our Fibro-Kustik

PURE GENIUS™ panels. This means noxious gases such as VOCs (e.g. formaldehyde) and NO_x (e.g. vehicle exhaust emissions) are removed from the ambient air. In addition, odors (such as cigarette smoke or cooking smells) can be reduced. The risk of microbial infestation can also be significantly lowered. This ensures healthier indoor air.

INDOOR AIR UP TO 85 % CLEANER

Level of formaldehyde



40 PPB

**Harmful
concentration**



32,5 PPB

**Measured value
without
PURE GENIUS™**



5 PPB

**With Fibro-Kustik
PURE GENIUS™ after
30 days**

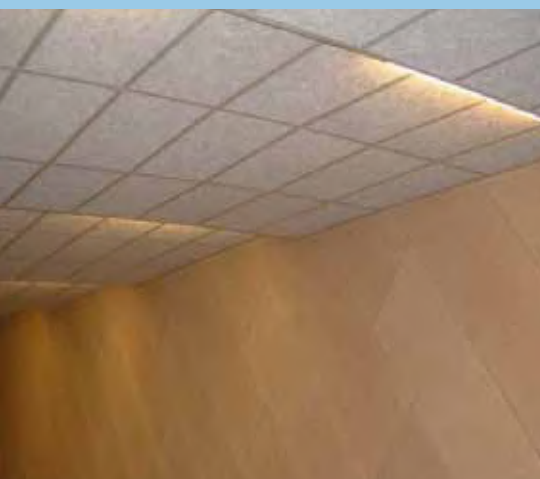
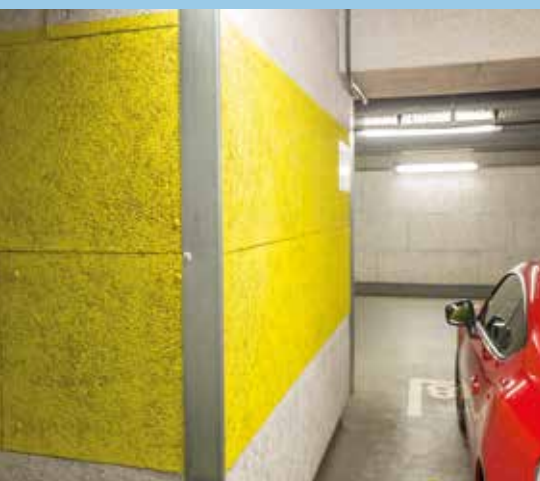


THE TEST PROCEDURE:

The air cleaning effect was demonstrated in a certified test to ISO 22197-1 standard in a photo-reactor developed by Professor Bahnemann of Leibnitz University Hannover (Germany)



Glossary



DM: Direct Mounting

IM: Inlay Mounting

CM: Concealed Mounting

BERLIN: Fine WW 2 mm, Euroclass B-s1, d0

BARCELONA: Superfine WW 1 mm, Euroclass B-s1, d0

PARIS: Fine WW 2 mm Euroclass A2-s1, d0

FLORENCE: Superfine WW 1 mm Euroclass A2-s1, d0





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