



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

FIBRO-KUSTIK



SOPREMA

TABLE OF CONTENTS

- 03 SOPREMA - A history of know-how
- 04 Fibro-Kustik
- 05 Natural & responsible
- 06 Manufacturing process
- 07 Acoustic comfort and quality of life
- 08 Product Range
- 09 Products: Properties & Benefits
- 10 Board formats
- 11 Edge profiles
- 12 Fibro-Kustik Solo
- 22 Fibro-Kustik Duo
- 28 Acoustic Performances
- 31 Summary table
- 32 Installation guide for Fibro-Kustik ceiling
- 33 Ceiling installation guidelines
- 34 Ancillaries
- 35 Certified quality
- 36 Colours collection
- 38 Reference jobs
- 39 Healthy indoor air
- 42 Logistic info

SOPREMA

A HISTORY OF KNOW-HOW

SOPREMA's vision:

« Act for the enhancement of the built heritage and the comfort of users, with the necessary reduction of its impact on the environment. »



An independent family group since its creation in 1908, **SOPREMA** asserts itself as one of the very first global companies in the field of waterproofing, but also as a roofing, acoustic underlayment and insulation specialist.

The **SOPREMA** Group has developed and diversified around the world by integrating over the years, activities complementary to the original offering. Becoming a world leader selling solutions, the Group is today a key player in the building sector.



FIBRO-KUSTIK

NATURAL & RESPONSIBLE



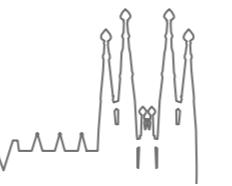
1 mm fiber size



2 mm fiber size

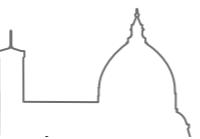
FIBRO-KUSTIK BARCELONA

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)



FIBRO-KUSTIK BERLIN

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

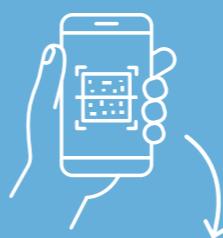


FIBRO-KUSTIK PARIS

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



Live in pictures the making of
our wood wool insulation:

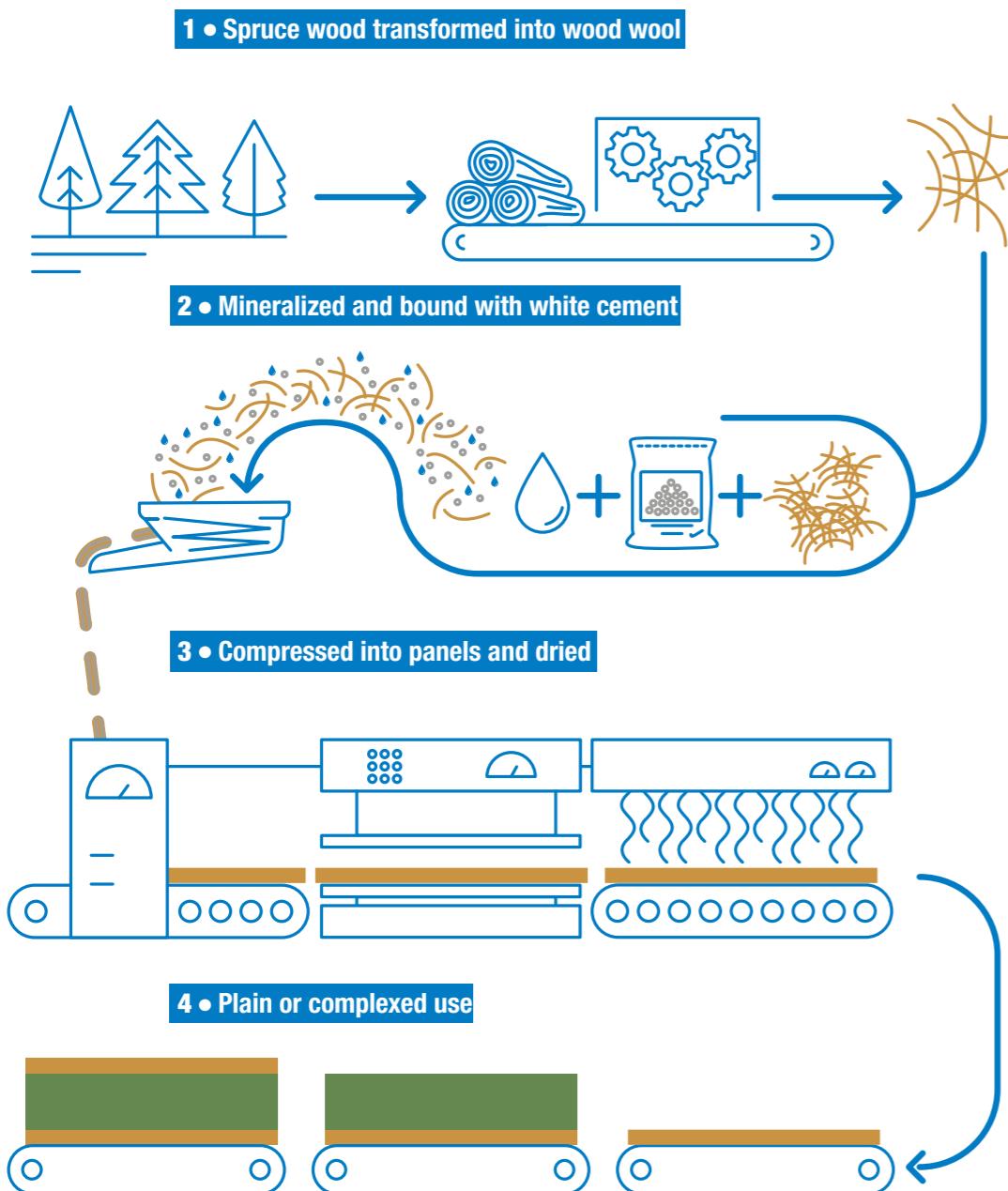


With innovative products that respect the environment,
Fibrolith®, a subsidiary of **SOPREMA**, annually
produces hundreds of thousands of wood wool panels
for thermal, acoustic and fire protection applications.

Fibrolith® wood wool panels manufactured entirely
by the **SOPREMA** group are softwood products from
forests which include responsible operations who
participate in sustainable management forests and the
environment.

We favor regional suppliers to limit our environmental
impact and contribute to development of local
communities. All these production steps are meticulously
carried out in our factories to meet the quality
requirements of the **SOPREMA** group.

MANUFACTURING PROCESS



ACOUSTIC COMFORT AND QUALITY OF LIFE

If the reverberation time of the sounds of an interior space is too long, you will quickly feel uncomfortable. The causes of this unpleasant effect come in general presence of hard and smooth surfaces (such as glass, concrete or even plaster), which are not sufficiently absorbent.

Inside a room, noise travels in all directions and waves hit the walls, absorbing each reflection: it is called the echo phenomenon.

Achieving the acoustics of a room means controlling the reverberation time by choosing materials with efficient and suitable absorption coefficients.

Correcting the acoustics of a room means reducing the reverberation time and improving intelligibility of speech. Treating the acoustics of a noisy room means applying solutions with high absorbency (high absorption coefficient).

The ceiling generally offers the largest available area of a room, it is therefore the preferred solution for acoustic treatment. When it is not possible to install a complete acoustic ceiling, ceiling islands and / or wall element absorbents can also supplement the treatment.

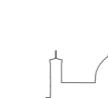
FIBRO-KUSTIK

Due to their open porosity structure, the **FIBRO-KUSTIK** ceiling tiles achieve very good values of sound absorption for different types of applications inside the building. The characteristic texture of wood wool panels offers, in addition, multiple creative possibilities.

Available in **4 variants:**



Barcelona



Florence



Berlin



Paris

- Fiber size: 1 mm or 2 mm
- Reaction to fire: A2-s1, d0 or B-s1, d0

FIBRO-KUSTIK SOLO

Aesthetic and acoustic slabs:

- Thicknesses: 15, 25 or 35 mm.
- Formats: 600 x 600; 1200 x 600; 2000 x 600.
- Assembly system: demountable or not demountable.
- Sound absorption: cw up to 0.8.
- Thicknesses: 50, 75, 100, 125 and 150 mm.
- Formats: 1200 x 600 (thickness 50 only); 2000 x 600.
- Assembly system: not demountable.
- Sound absorption: cw up to class A (0.9-1).

FIBRO-KUSTIK DUO

Aesthetic slab with sound-absorption and thermal resistance performances:

PRODUCT RANGE

TWO KINDS OF PANEL COMPOSITION:

FROM 15 MM



FIBRO-KUSTIK SOLO

AESTHETICS & ACOUSTICS

Bare acoustic ceiling tile.
Thicknesses from 15 to 35 mm.
Sound absorption: **up to $\alpha_w = 0,8$** .

FROM 50 MM



FIBRO-KUSTIK DUO

AESTHETICS, HIGH ACOUSTIC & THERMAL PERFORMANCE

Thermo-acoustic ceiling tile composed of a 25 mm thick wood wool panel and acoustics and insulation board made of mineral wool.

Total thicknesses from 50 mm to 150 mm.
Sound absorption: **up to $\alpha_w = 1$** .
Thermal resistance: up to $R = 3,70 \text{ m}^2 \cdot \text{K} / \text{W}$.

PRODUCTS PROPERTIES & BENEFITS



Thanks to its composition in extra-fine wood wool of the **FIBRO-KUSTIK** ceiling tiles, controls the reverberation of premises and guarantees comfortable living spaces for their occupants.
Sound absorption: **up to $\alpha_w = 1$** .



A palette of more than 65 colours with a contemporary architectural aesthetic, applicable to all panels, thicknesses and formats.



A noble raw and recycled material from sustainable managed forests, for a controlled environmental footprint.



The performance of the panels is stable and durable, even under high humidity conditions. (Durability Class C - EN 13964)



Thanks to its natural cement binder, is particularly resistant: classification 1A to the impact of ball according to standard EN13964. An ideal solution for gymnasiums or sports halls.



Wood wool panels painted, using acrylic paint without petroleum solvents, classified A + and which do not emit formaldehyde.



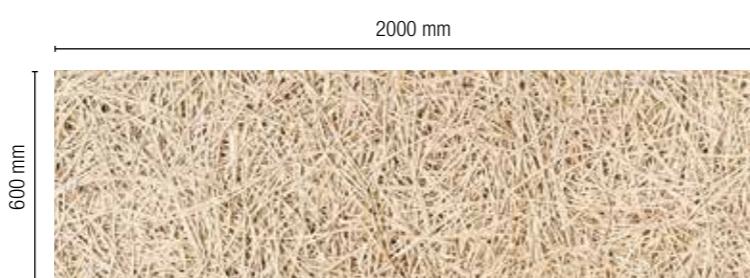
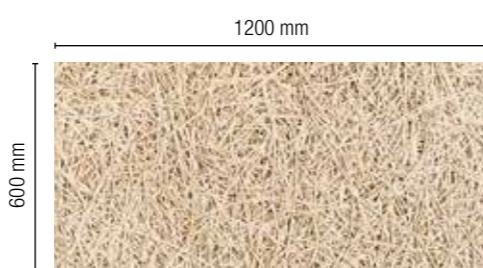
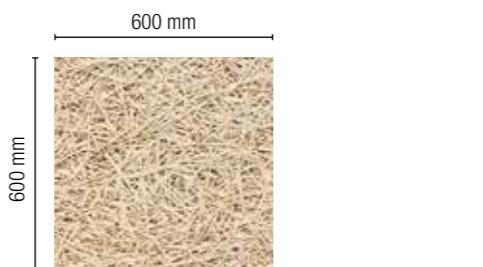
In its DUO version, with up to 140 mm of mineral wool insulation, contributes to the overall energy performance of the building.

BOARD FORMATS

3 BOARDS DIMENSIONS

Adapted formats to all your architectural projects.

Every version is available in 3 dimensions.



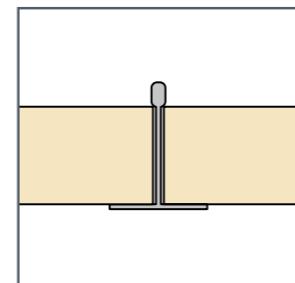
EDGE PROFILES

5 KINDS OF EDGE PROFILES, 5 WAYS OF INSTALLATION

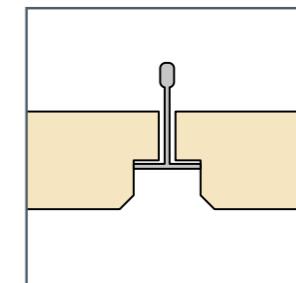
Depending on the inspirations, you can combine edges and installation.

Fibro-Kustik ceiling tiles can be installed using:

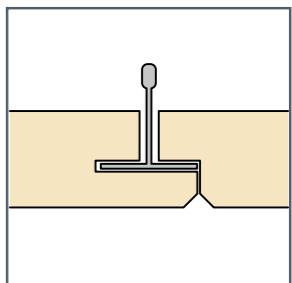
Visible T-frame, hidden T-frame, or mechanical fastenings.



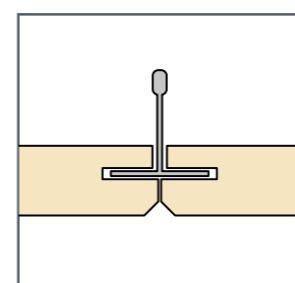
STRAIGHT EDGE
INLAY MOUNTING, DEMOUNTABLE.



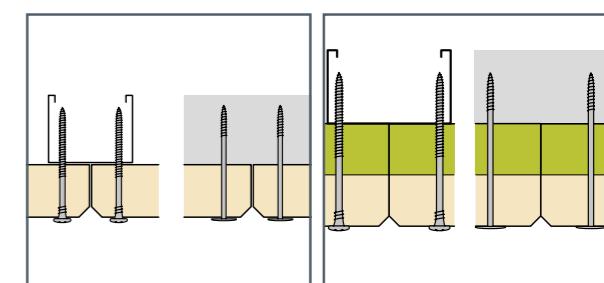
RABBET EDGES ON 4 SIDES
BEVELED EDGES ON ALL 4 VISIBLE SIDES.
INLAY MOUNTING, DEMOUNTABLE.



NOTCH ON 2 SIDES
BEVELED EDGES ON ALL 4 VISIBLE SIDES.
CONCEALED MOUNTING, DEMOUNTABLE.



NOTCH ON 2 SIDES
BEVELED EDGES ON ALL 4 VISIBLE SIDES.
CONCEALED MOUNTING, NOT DEMOUNTABLE.



SMALL BEVELED EDGES
DIRECTLY MOUNTED, NOT DEMOUNTABLE.



FIBRO-KUSTIK SOLO

Decorative and acoustic ceiling tiles based on spruce wood wool (1 mm. or 2 mm. wide fiber), cement and marble powder binder.

Eco-responsible material, which combines architectural aesthetics and acoustic performance.

The wood used comes from sustainably managed forests (PEFC™ certification).

A wide choice of formats, edges, colours, suitable for all projects.

Domain of Application

Acoustic ceilings in residential and non-residential construction, e.g. commercial, industrial and public buildings, offices, schools, sports halls, and garages.



CHARACTERISTICS & PERFORMANCES

STANDARD	EN 13168 - EN 13964		
DIMENSIONS (MM)	600x600	1200x600	2000x600
THICKNESSES (MM)	35	25	15
SURFACE MASS (KG/M ²)	16.30	12	7.8
ACOUSTIC ABSORPTION (α_w)	Up to 0.30 to 0.80		
REACTION TO FIRE	B-s1,d0*		
MECHANICAL STRENGTH	Class 1A in 25 and 35 mm (EN 13964) screwed installation		
DURABILITY	Class C (EN 13964)		
COLOUR RANGE	Available in more than 65 colours		

* Version A2-s1, d0 available on request.



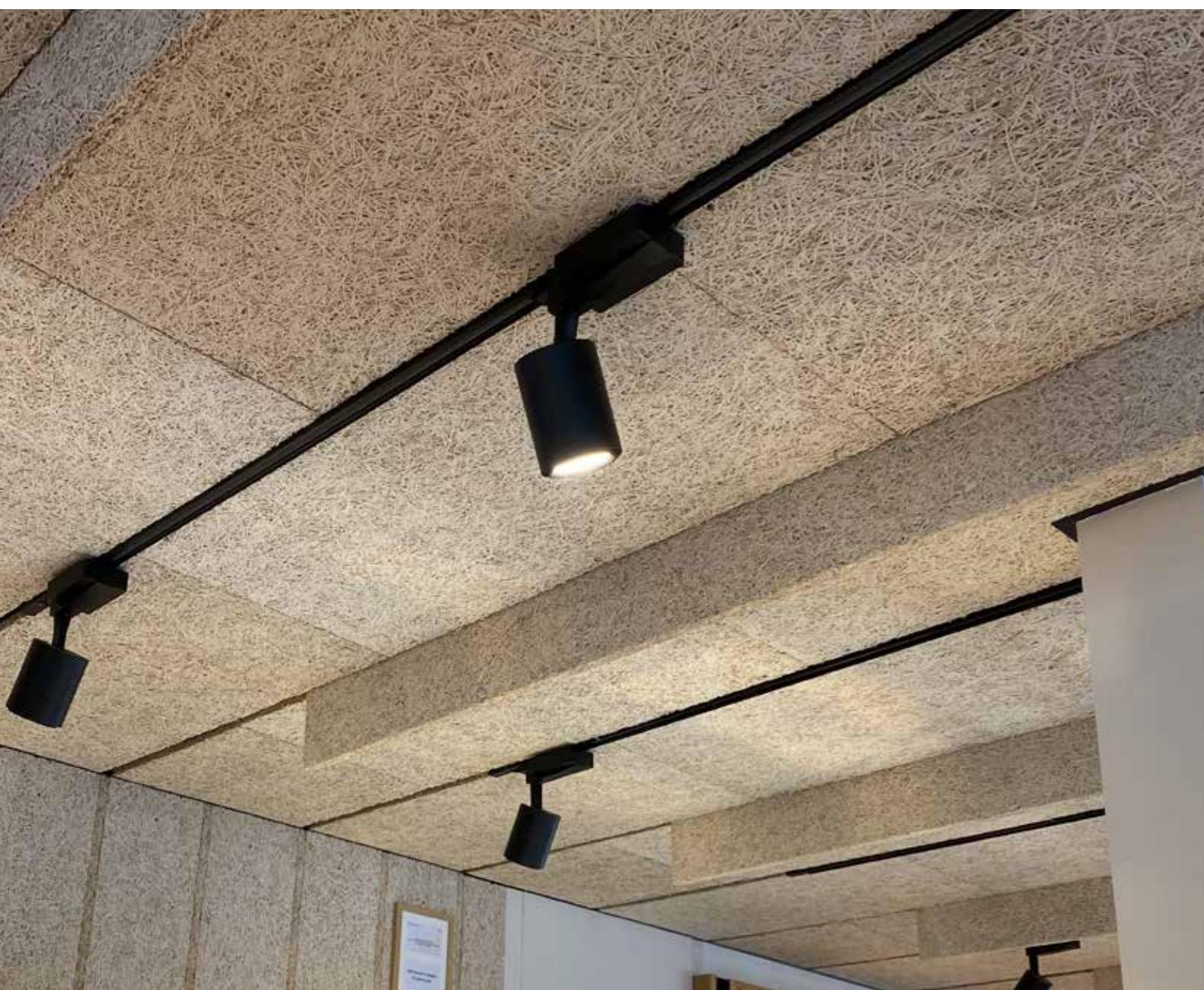
FIBRO-KUSTIK SOLO

Barcelona

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

Code	Dimensions (mm)	Thickness (mm)	System	Edge Type	Edge Code	Boards/pallet	m ² /pallet
00034148	1200 x 600	15	Inlay Mounting	Straight Edge	SEINLAY	128	92,16
00034268	600 x 600					256	92,16
00034128	1200 x 600		Directly Mounted	Small Beveled Edges	K5	128	92,16
00034248	600 x 600					256	92,16
00034348	2000 x 600					128	153,6
00034150	1200 x 600	25	Inlay Mounting	Straight Edge	SEINLAY	70	50,4
00034270	600 x 600					140	50,4
00034180	1200 x 600		RAB K5	Rabbit edges on 4 sides, beveled edges on all 4 visible sides	RAB K5	70	50,4
00034300	600 x 600					140	50,4
00034130	1200 x 600		Directly Mounted	Small Beveled Edges	K5	70	50,4
00034250	600 x 600					140	50,4
00034350	2000 x 600		EB5N	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	70	84,0
00034190	1200 x 600					70	50,4
00034310	600 x 600		Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	140	50,4
00034151	1200 x 600					56	40,32
00034271	600 x 600	35	Inlay Mounting	Straight Edge	SEINLAY	112	40,32
00034181	1200 x 600					56	40,32
00034301	600 x 600		RAB K5	Rabbit edges on 4 sides, beveled edges on all 4 visible sides	RAB K5	112	40,32
00058054	1200 x 615		Concealed Mounting	Notch and rabbit on 2 sides and beveled edge on 4 visible sides	EB5DEM	56	41,33
00058058	600 x 615					112	41,33
00034131	1200 x 600		Directly Mounted	Small Beveled Edges	K5	56	40,32
00034251	600 x 600					112	40,32
00034351	2000 x 600		EB5N	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	56	67,2
00034191	1200 x 600					56	40,32
00034311	600 x 600					112	40,32





FIBRO-KUSTIK SOLO

Florence

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

Code	Dimensions (mm)	Thickness (mm)	System	Edge Type	Edge Code	Boards/pallet	m ² /pallet
00034802	1200 x 600	15	Inlay Mounting	Straight Edge	SEINLAY	128	92,16
00034874	600 x 600					256	92,16
00034790	1200 x 600		Directly Mounted	Small Beveled Edges	K5	128	92,16
00034862	600 x 600					256	92,16
00034922	2000 x 600		Inlay Mounting	Rabbit edges on 4 sides, beveled edges on all 4 visible sides	RAB K5	128	153,6
00034804	1200 x 600					70	50,4
00034876	600 x 600					140	50,4
00034822	1200 x 600					70	50,4
00034894	600 x 600					140	50,4
00034792	1200 x 600	25	Directly Mounted	Small Beveled Edges	K5	70	50,4
00034864	600 x 600					140	50,4
00034924	2000 x 600					70	84,0
00034828	1200 x 600		Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	70	50,4
00034900	600 x 600					140	50,4
00158514	1200 x 600	35	Inlay Mounting	Straight Edge	SEINLAY	56	40,32
00158520	600 x 600					112	40,32
00158521	1200 x 600		RAB K5	Rabbit edges on 2 sides, beveled edges on all 4 visible sides	RAB K5	56	40,32
00158522	600 x 600					112	40,32
00156666	1200 x 615		Concealed Mounting	Notch and rabbit on 2 sides and beveled edge on 4 visible sides	EB5DEM	56	41,33
00159749	600 x 615					112	41,33
00156665	1200 x 600		Directly Mounted	Small Beveled Edges	K5	56	40,32
00158524	600 x 600					112	40,32
00158525	2000 x 600		Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	56	67,2
00158537	1200 x 600					112	40,32
00158526	600 x 600					112	40,32





FIBRO-KUSTIK SOLO Berlin

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

Code	Dimensions (mm)	Thickness (mm)	System	Edge Type	Edge Code	Boards/pallet	m²/pallet	
00034482	1200 x 600	15	Inlay Mounting	Straight Edge	SEINLAY	128	92,16	
00034602	600 x 600					256	92,16	
00034462	1200 x 600		Directly Mounted	Small Beveled Edges	K5	128	92,16	
00034582	600 x 600					256	92,16	
00034682	2000 x 600		Inlay Mounting	Straight Edge	SEINLAY	128	153,6	
00034484	1200 x 600					70	50,4	
00034604	600 x 600					140	50,4	
00034514	1200 x 600			Rabbit edges on 4 sides, beveled edges on all 4 visible sides	RAB K5	70	50,4	
00034634	600 x 600					140	50,4	
00034464	1200 x 600	25	Directly Mounted	Small Beveled Edges	K5	70	50,4	
00034584	600 x 600					140	50,4	
00034684	2000 x 600		Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	70	84,0	
00034524	1200 x 600					140	50,4	
00034644	600 x 600		Inlay Mounting	Straight Edge	SEINLAY	56	40,32	
00034485	1200 x 600					112	40,32	
00034605	600 x 600			Rabbit edges on 2 sides, beveled edges on all 4 visible sides	RAB K5	56	40,32	
00034515	1200 x 600					112	40,32	
00034635	600 x 600		35	Concealed Mounting	Notch and rabbit on 2 sides and beveled edge on 4 visible sides	EB5DEM	56	41,33
00058062	1200 x 615						112	41,33
00058066	600 x 615			Directly Mounted	Small Beveled Edges	K5	56	40,32
00034465	1200 x 600						112	40,32
00034585	600 x 600		Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	56	67,2	
00034685	2000 x 600					56	40,32	
00034525	1200 x 600					112	40,32	
00034645	600 x 600					56	40,32	





FIBRO-KUSTIK SOLO Paris

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

Code	Dimensions (mm)	Thickness (mm)	System	Edge Type	Edge Code	Boards/pallet	m ² /pallet	
00035012	1200 x 600	15	Inlay Mounting	Straight Edge	SEINLAY	128	92,16	
00035084	600 x 600					256	92,16	
00035000	1200 x 600		Directly Mounted	Small Beveled Edges	K5	128	92,16	
00035072	600 x 600					256	92,16	
00035132	2000 x 600		25	Inlay Mounting	Straight Edge	128	153,6	
00035014	1200 x 600					70	50,4	
00035086	600 x 600					140	50,4	
00035032	1200 x 600			Rabbit edges on 4 sides, beveled edges on all 4 visible sides	RAB K5	70	50,4	
00035104	600 x 600					140	50,4	
00035002	1200 x 600		Directly Mounted	Small Beveled Edges	K5	70	50,4	
00035074	600 x 600					140	50,4	
00035134	2000 x 600		35	Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	70	84,0
00035038	1200 x 600						70	50,4
00035110	600 x 600						140	50,4
00158528	1200 x 600		Inlay Mounting	Straight Edge	SEINLAY	56	40,32	
00158529	600 x 600					112	40,32	
00158530	1200 x 600		Concealed Mounting	Rabbit edges on 2 sides, beveled edges on all 4 visible sides	RAB K5	56	40,32	
00158531	600 x 600					112	40,32	
00158532	1200 x 615		Concealed Mounting	Notch and rabbet on 2 sides and beveled edge on 4 visible sides	EB5DEM	56	41,33	
00158609	600 x 615					112	41,33	
00156918	1200 x 600		Directly Mounted	Small Beveled Edges	K5	56	40,32	
00158533	600 x 600					112	40,32	
00158534	2000 x 600		Concealed Mounting	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	56	67,2	
00158536	1200 x 600					112	40,32	
00158535	600 x 600					112	40,32	





FIBRO-KUSTIK DUO

Decorative and acoustic ceiling tile based on spruce wood wool (1 mm wide fiber), cement and marble powder binder.

Eco-responsible material, which combines architectural aesthetics and acoustic performance.

The wood used comes from sustainably managed forests (PEFC™ certification).

A wide choice of formats, edges, colours, suitable for all projects.

Domain of Application

Heat, sound and fire protection of walls and ceilings in old and new buildings.

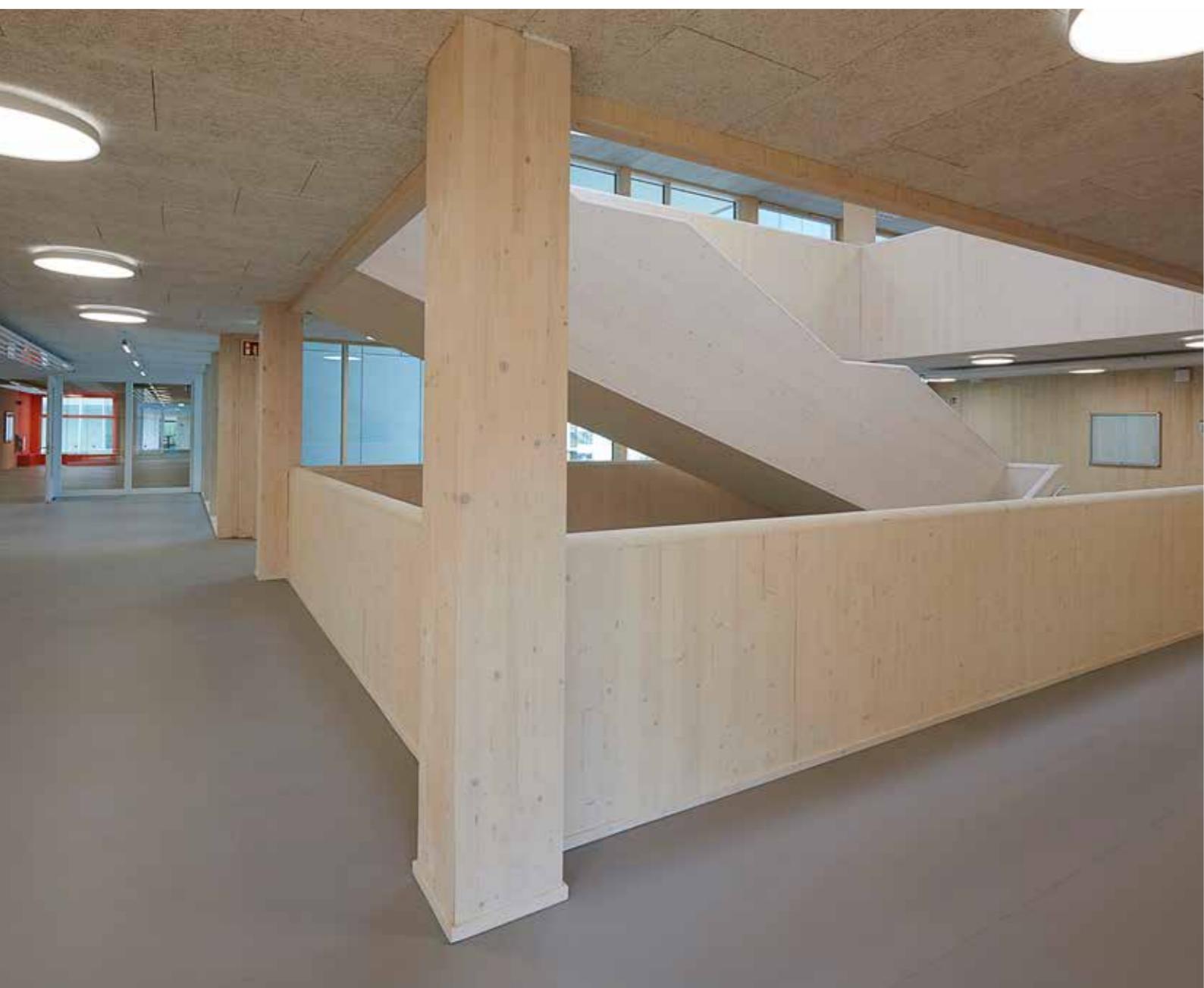
In large garages $\geq 1000 \text{ m}^2$ of usable space applicable according to car park regulations.



CHARACTERISTICS & PERFORMANCES

STANDARD	EN 13168 - EN 13964
DIMENSIONS (MM)	1200x600
THICKNESSES (MM)	25
SURFACE MASS (KG/M ²)	12
DECLARED THERMAL CONDUCTIVITY λ_D (W/mK)	0.075
DECLARED THERMAL RESISTANCE R_D (m ² K/W)	0.30
ACOUSTIC ABSORPTION (α_w)	Up to 1
REACTION TO FIRE	B-s1,d0*
MECHANICAL STRENGTH	Class 1A in 25 mm (EN 13964) screwed installation
DURABILITY	Class C (EN 13964)
COLOUR RANGE	Available in more than 65 colours

* Version A2-s1, d0 available on request.



FIBRO-KUSTIK DUO

Barcelona

Thermal and acoustic ceiling tile composed of a woodfiber ceiling tile and a mineral wool panel.

Super fine wood wool (approx. 1 mm).
Reaction to fire B-s1, d0.

Code	Dimensions (mm)	Thickness (mm)	System	R(Wm ⁻¹ K ¹)	Edge Type	Edge Code	Boards/pallet	m ² /pallet
00157940	1200 x 600	50		1,05			40	28,8
00157941	2000 x 600						40	48,0
00157942	2000 x 600	75		1,75			28	33,6
00157943	2000 x 600	100	Directly Mounted	2,50			20	24,0
00157944	2000 x 600	125		3,20			16	19,2
00157945	2000 x 600	150		3,90			14	16,8
00157547	1200 x 600	50		1,05			40	28,8
00157548	2000 x 600						40	48,0
00157549	2000 x 600	75	Concealed Mounting	1,75	Notch on 2 sides and beveled edge on 4 visible sides	EB5N	28	33,6
00157550	2000 x 600	100		2,50			20	24,0
00157551	2000 x 600	125		3,20			16	19,2
00157552	2000 x 600	150		3,90			14	16,8





FIBRO-KUSTIK DUO

Florence

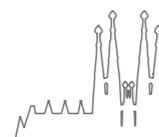
Composite thermal and acoustic ceiling tile of a woodfiber ceiling tile and a panel of mineral wool.

Super fine wood wool (approx. 1 mm).
Reaction to fire A2-s1, d0.

Code	Dimensions (mm)	Thickness (mm)	System	$R_{W(m.K)}$	Edge Type	Edge Code	Boards/pallet	m ² /pallet		
00158192	1200 x 600	50	1	1,70	Small Beveled Edges	K5	40	28,8		
00157198	2000 x 600						40	48,0		
00157214	2000 x 600						28	33,6		
00157215	2000 x 600						20	24,0		
00157216	2000 x 600						16	19,2		
00157217	2000 x 600						14	16,8		
00158599	1200 x 600						40	28,8		
00158601	2000 x 600						40	48,0		
00158602	2000 x 600		Concealed Mounting			EB5N	28	33,6		
00158603	2000 x 600						20	24,0		
00158604	2000 x 600						16	19,2		
00158605	2000 x 600						14	16,8		



ACOUSTIC PERFORMANCES **SOLO**

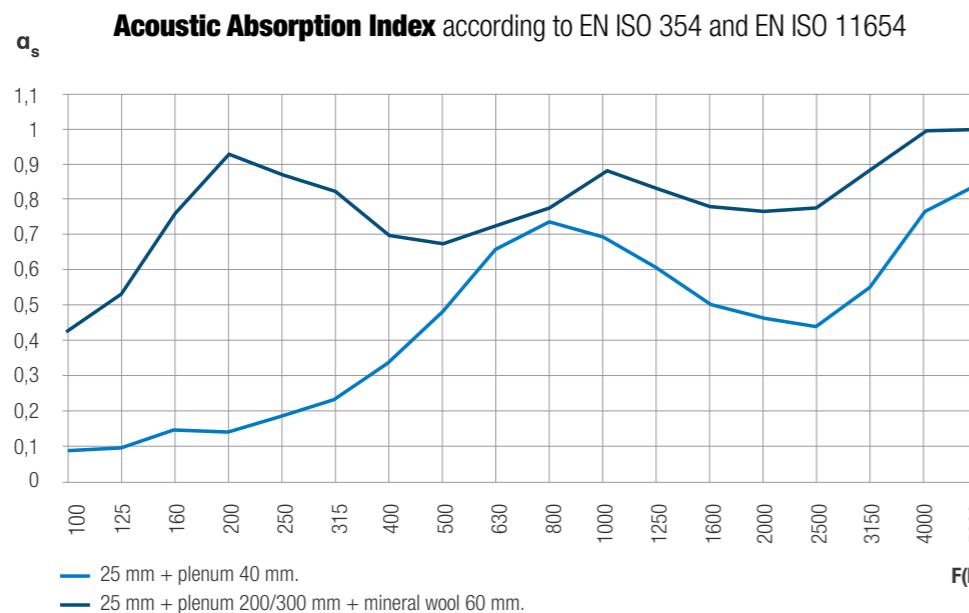


FIBRO-KUSTIK SOLO

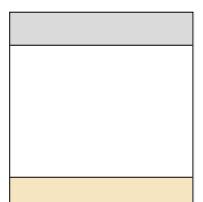
Barcelona

Homogeneous acoustic ceiling tile made of super fine woodfiber (approx. 1 mm. or 2 mm.).

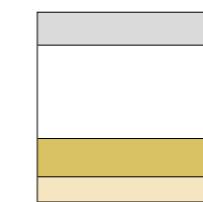
Reaction to fire B-s1, d0 with difficulty flammable.



Source : Test report CSTB AC-2608538 and GINGER CEBTP BEB2.K.6060-1.



FIBRO-KUSTIK SOLO
with plenum



FIBRO-KUSTIK SOLO
with plenum and mineral wool

125 250 500 1000 2000 4000 aw Class. abs.

Fibro-Kustik Barcelona 25 mm with 40 mm plenum	0.10	0.20	0.50	0.70	0.45	0.75	0.45	D
Fibro-Kustik Barcelona 25 mm plenum 200/300 mm and mineral wool 60 mm	0.55	0.90	0.70	0.85	0.80	0.95	0.80	B

ACOUSTIC PERFORMANCES **SOLO**

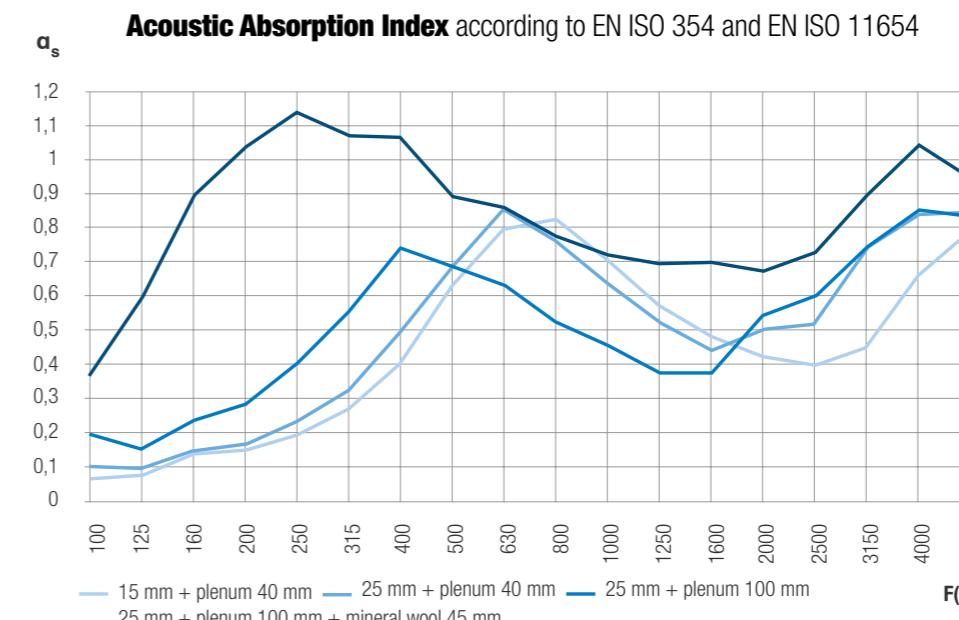


FIBRO-KUSTIK SOLO

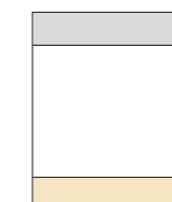
Berlin

Homogeneous acoustic ceiling tile made of fine wood wool (approx. 2 mm.).

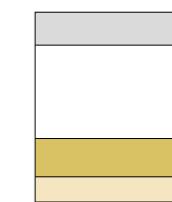
Reaction to fire B-s1, d0 with difficulty flammable.



Source : Test report CSTB AC-2608538 and GINGER CEBTP BEB2.K.6060-1.



FIBRO-KUSTIK SOLO
with plenum



FIBRO-KUSTIK SOLO
with plenum and mineral wool

125 250 500 1000 2000 4000 aw Class. abs.

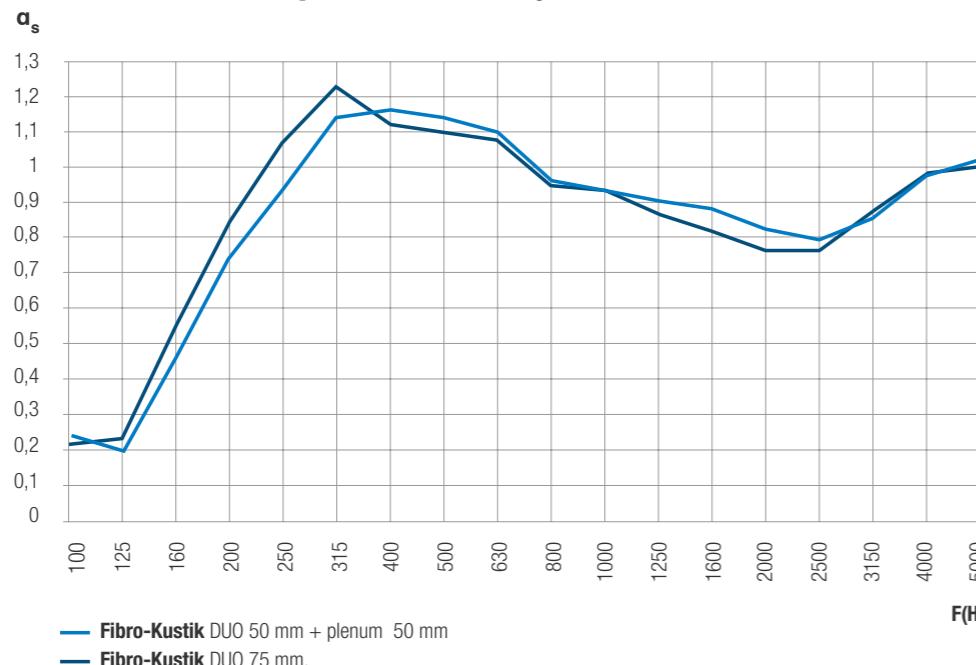
Fibro-Kustik Berlin 15 mm with plenum 40 mm	0.10	0.20	0.60	0.70	0.45	0.45	0.45	D
Fibro-Kustik Berlin 15 mm with plenum 40 mm	0.15	0.25	0.70	0.65	0.45	0.80	0.50	D
Fibro-Kustik Berlin 15 mm with plenum 40 mm	0.20	0.40	0.70	0.45	0.50	0.80	0.50	D
Fibro-Kustik Berlin 25 mm with plenum 100 mm and mineral wool 45 mm	0.60	1	0.95	0.75	0.70	0.70	0.95	C

ACOUSTIC PERFORMANCES DUO

FIBRO-KUSTIK DUO

Thermal and acoustic ceiling tile composed of a wood wool ceiling tile and a mineral wool panel.

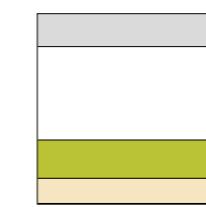
Acoustic Absorption Index according to EN ISO 354 and EN ISO 11654



Source : Test report CSTB AC-2608538 and GINGER CEBTP BEB2.K.6060-1.



FIBRO-KUSTIK DUO
without plenum



FIBRO-KUSTIK DUO
with plenum

125 250 500 1000 2000 4000 α_w Class. abs.

Fibro-Kustik DUO 50 mm with plenum 50 mm	0.30	0.95	1	0.95	0.85	0.95	0.95	A
Fibro-Kustik DUO 75 mm	0.35	1	1	0.90	0.80	0.95	0.95	A

SUMMARY TABLE

FIBRO-KUSTIK SOLO

System	Fixation	Edge type	Code	Board Formats		
				Th.15	Th.25	Th.35
Demountable	Inlay Mounting T24/T35	Straight Edge	SEINLAY		600 x 600 1200 x 600	
		Rabbet edges on 2 sides, beveled edges on all 4 visible sides	RAB K5		Over T24 600 x 600 1200 x 600	
	Concealed mounting T35	Notch and rabbet on two sides and beveled edge on 4 visible sides	EB5DEM		600 x 615 1200 x 615	
Non demountable	Directly Mounted Screws EVDF/ DDS	Small Beveled Edges	K5		1200 x 600 2000 x 600	
	Concealed mounting	Notch on two sides and beveled edge on 4 visible sides	EB5N		1200 x 600 2000 x 600	

FIBRO-KUSTIK DUO

System	Fixation	Edge type	Code	Board Formats				
				Th.50	Th.75	Th.100	Th.125	Th.150
Non demountable	Directly Mounted Screws EVDF/ DDS	Small Beveled Edges	K5		1200 x 600	2000 x 600		
	Concealed mounting T35 or claws	Notch on two sides and beveled edge on 4 visible sides	EB5N		1200 x 600		2000 x 600	

INSTALLATION GUIDE FOR FIBRO-KUSTIK CEILING



Fibro-Kustik solutions are decorative and acoustic ceiling tiles based on wood wool (SOLO range) and mineral wool (DUO range) for use in interior spaces.

Please handle **Fibro-Kustik** tiles with precaution, taking special care to protect edges. We recommend working with protective gloves and clean tools so as not to damage the tiles.

Wood is a natural product and we can observe slight variations in colour from panel to panel, which is neither a defect nor a problem quality.

A

Demountable, inlay mounting system:
SEINLAY

Implementation of a suspended ceiling removable on the right edge is carried out on a visible framework T24/T35.

B

Demountable, inlay mounting system:
RAB K5

Implementation of a suspended ceiling can be dismantled with a chamfered edge on a visible framework T24.

C

Demountable, concealed system:
EB5DEM

Implementation of a suspended ceiling removable with a chamfered edge is carried out on a hidden framework T35.

For a good implementation, the ceiling tiles are mounted on a carrier system with a 600 mm center distance) completed by spacers, for more information please refer to standard NF EN 13964.



D

Non-demountable,
mechanically fixed system:
K5

Implementation of a non-removable suspended ceiling chamfered edge with fixing visible is achieved by the mechanical screwing of acoustic screws. Depending on the mounting bracket, we recommend the use of:

- EVDF screws for mechanical fixing on wood or metal structure.
- DDS screws for mechanical fixing to concrete structure.

E

Non-demountable, concealed system:
EB5N

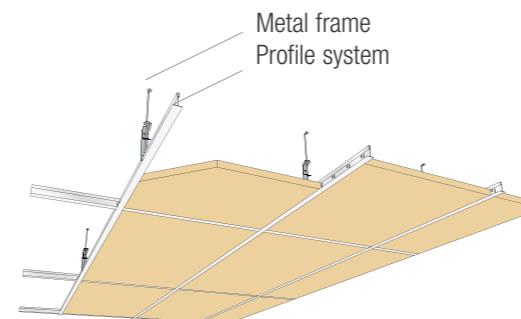
Implementation of non-demountable suspended ceiling with a Notch on two sides and beveled edge on 4 visible sides is carried out on a hidden framework T35. For a good implementation, the ceiling tiles are mounted on a carrier system with a 600 mm center distance) completed by spacers, for more information please refer to standard NF EN 13964.

INLAY MOUNTING

Various frame systems can be used for the inlay mounting.

A

B



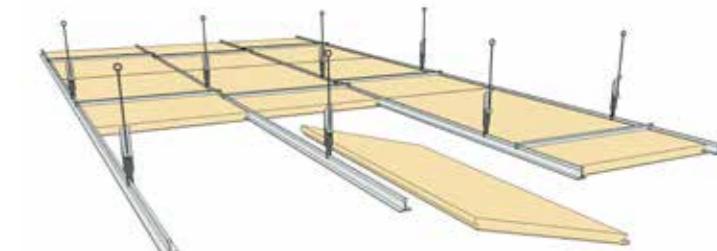
Example:

Fibro-Kustik tiles 1200 x 600 mm. with straight edges.
Fixing installation with visible profile.

CONCEALED MOUNTING

T35 frame system used for concealed mounting.

C



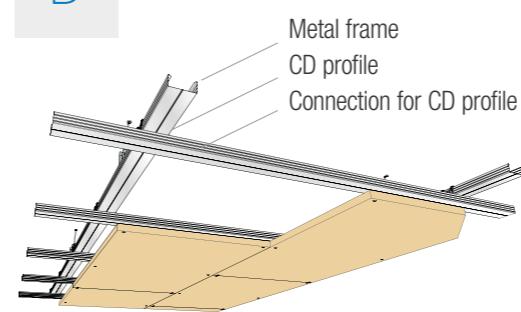
Example:

Fibro-Kustik tiles 1200 x 615 mm. with notch and rabbet on two sides and beveled edge on 4 visible sides.
Fixing installation with invisible profile.

DIRECT MOUNTING

Fibro-Kustik tiles can be screwed directly to the metal or wood frame.

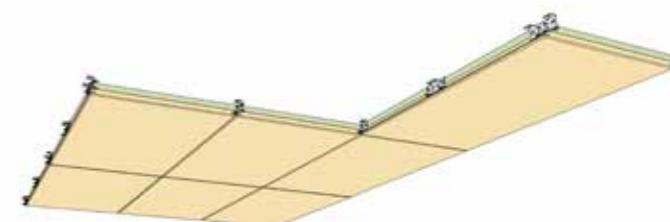
D



CONCEALED MOUNTING

Invisible claws used for concealed mounting.

E



Example:

Fibro-Kustik tiles 1200 x 600 mm with notch on two sides and beveled edge on 4 visible sides.
Fixing installation with invisible claws.

ANCILLARIES

CERTIFIED
QUALITY

Acoustic tiles can be mounted directly on metal frames traditional with CD type profiles or fixed to the wooden structure with fast fixing screws anti-rust treated. **Soprema** offers white or light beige coloured screws, adapted to natural or white colored tiles. Moreover, **Fibro-Kustik** tiles can be inserted in suspended ceiling standard frames.

EVDF SCREWS

Quick-fit screws with rust protection for fixing panels to a wooden structure.

Board thickness	Screw length	Colours	Screws / box
15 mm	45 mm		
25 mm	45 mm	Light beige White	250 units
35 mm	65 mm		



DDS SCREWS

Rust-protected steel screw with special thread. For direct fixing to **Fibro-Kustik DUO** tiles on concrete support. Ø 6 mm drilling and a Ø 25 mm head.

Board thickness	Screw length	Colours	Screws / box
50 mm	75 mm		
75 mm	100 mm		
100 mm	125 mm		
125 mm	150 mm		
150 mm	175 mm		



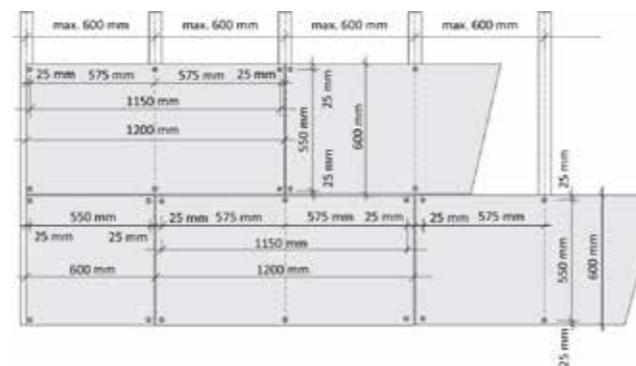
Mechanical fixing recommendations with
EVDF / DDS screw

SCREWING IN STEPS OF:

- 600 mm for 1200 mm panels length.
- 500 mm for 2000 mm panels length.

NUMBER OF SCREWS PER PANEL:

- Min. 8 screws per 2000 x 600 panel.
- Min. 6 screws per panel of 1200 x 600.



* Information on the emission level of substances volatile in indoor air, posing a risk of inhalation toxicity, on a class scale ranging from A+ (very low emissions) to C (high emissions).

CE EN 13168
EN 13964



COLOURS COLLECTION

A palette of more than 65 colours

As acoustics fit into existing spaces and require an aesthetic response, we offer a wide range of colours.

An almost unlimited palette of colours is available - you can choose almost any colour from the common colour systems.

A palette of 65 design decors is applicable to all tiles, thicknesses and formats.

LIGHT & DARK

Nº RAL	RAL 9010	RAL 9016	RAL 9001	RAL 1013	RAL 9002	RAL 9018	RAL 7035	RAL 7038	RAL 7040
EN	Pure white	Traffic white	Cream white	Oyster white	Grey white	Papyrus white	Light grey	Agate grey	Window grey
Colour									
Nº RAL	RAL 7042	RAL Design 000 60 00	RAL 7037	RAL 7039	RAL 7031	RAL 7015	RAL 7016	RAL 7021	RAL 9005
EN	Traffic Grey A	Ash grey	Dusty grey	Quartz grey	Blue grey	Slate grey	Anthracite grey	Black grey	Jet black
Colour									



Tailor-made personalization

In addition to the colours offered and in order to respond with a design and acoustic solution, we create unique tiles for you. It is possible to customize your **Fibro-Kustik** tiles on demand.



TREND & DESIGN

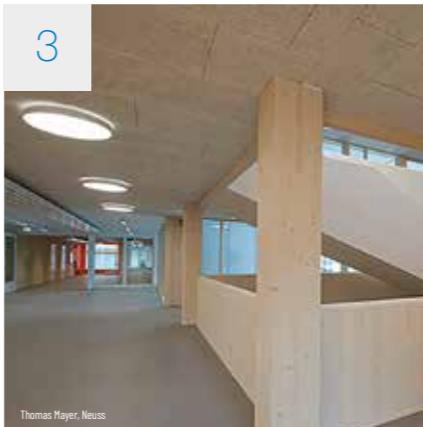
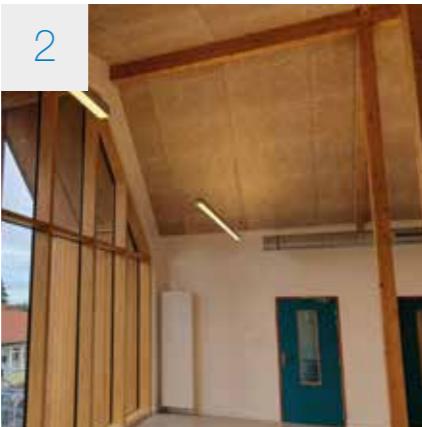
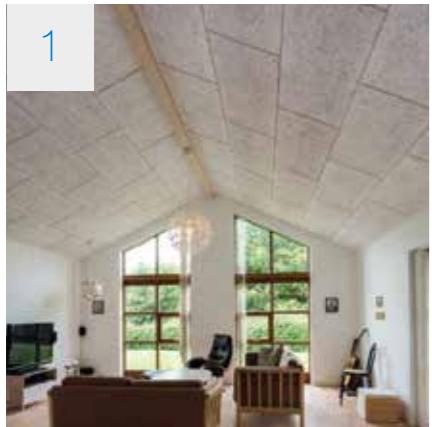
Nº RAL	RAL Design 075 93 05	RAL Design 075 80 10	RAL Design 075 70 10	RAL 1019	RAL Design 050 40 10	RAL 1015	RAL 1014	RAL Design 095 80 40	RAL 1024
EN	Vanilla white	Chalk beige	Flax fibre grey	Grey beige	Mocha black	Light ivory	Ivory	Pea green	Ochre yellow
Colour									
Nº RAL	RAL 3012	RAL 3014	RAL Design 030 40 30	RAL Design 030 30 40	RAL 6019	RAL Design 110 80 10	RAL 1000	RAL Design 110 70 30	RAL Design 110 60 20
EN	Beige red	Antique pink	Brick brown	Crimson red	Pastel green	Spring grey	Green beige	Wasabi green	Peapod green
Colour									
Nº RAL	RAL 6013	RAL Design 180 40 10	RAL Design 260 80 10	RAL Design 240 70 05	RAL Design 260 60 15	RAL 7000	RAL Design 260 50 20	RAL Design 250 40 15	RAL Design 280 30 10
EN	Reed green	Pine green	Powder soft blue	Laundry blue	Nordland blue	Squirrel grey	Cropper blue	Steel blue grey	Meteoric black blue
Colour									
Nº RAL	RAL Design 360 70 10	RAL 7036	RAL Design 360 60 10	RAL Design 360 40 15					
EN	Quartz pink	Platinum grey	Majolica mauve	Ruby grey					
Colour									

STREET ART

Nº RAL	RAL 1016	RAL 1003	RAL 1017	RAL 1001	RAL 1002	RAL 1028	RAL 2003	RAL 3020	RAL 8003
EN	Sulfur yellow	Safety yellow	Saffron yellow	Beige	Sand yellow	Melon yellow	Pastel orange	Red signage	Brown clay
Colour									
Nº RAL	RAL 6018	RAL 6017	RAL 6034	RAL 5024	RAL 5015	RAL 5017	RAL 5005		
EN	Green yellow	Green May	Turquoise pastel	Pastel blue	Sky blue	Blue signage	Blue security		
Colour									

REFERENCE JOBS

- 1 Acoustic ceiling - Private lounge
- 2 Pasteur School Group - Sannois
- 3 Acoustic ceiling - Berlin high school



HEALTHY INDOOR AIR



Whether in preschools, schools, offices or at home - we spend the major part of our time in closed spaces. In order to protect health, good air quality is essential.

Fibro-Kustik PURE GENIUS™ tiles purify indoor air with a unique market innovation.





The problem:

HARMFUL SUBSTANCES IN THE AIR

Inside the building, there are a multitude of pollutants found in particular in construction materials and decoration.

Volatile organic compounds (VOCs) spread easily in interior spaces affecting in such a way direct and indirect inhabitants of the premises. It is estimated that indoor air can be up to 8 times more polluted than the outside air! For a better quality of life inside the building, it is necessary to use clean solutions guaranteeing a healthy space for users.

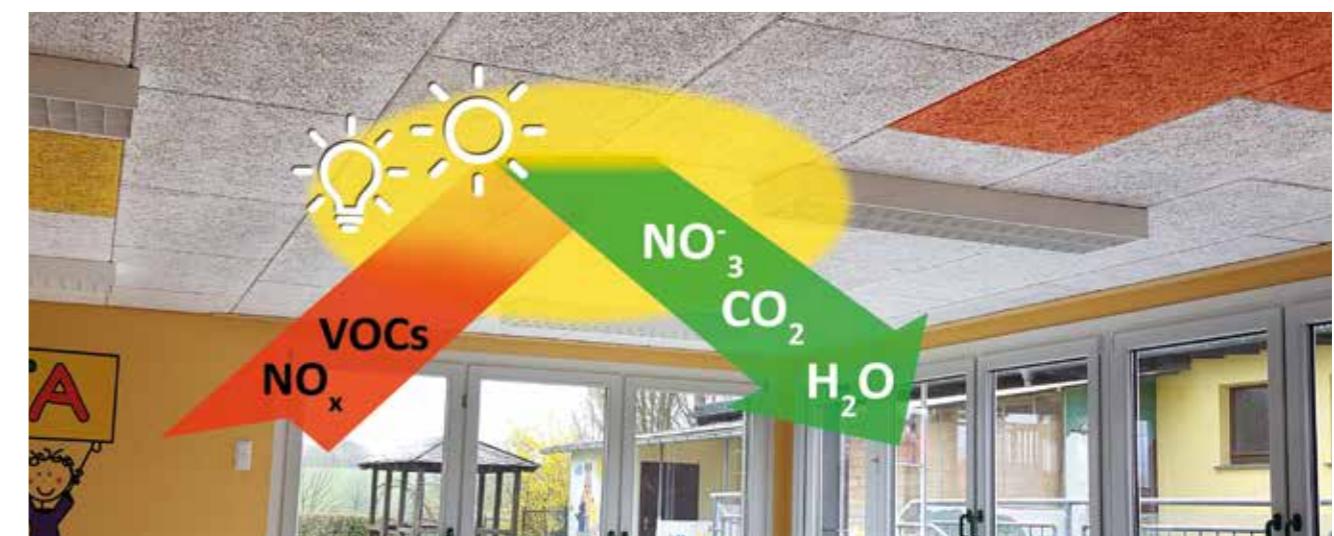
Treatment:

PHOTOCATALYSIS

The ceilings of the premises are among the largest unused areas in any building. Why is it that we don't let them work for us and purify ambient air?

Inside the building, the **Fibro-Kustik** ceiling tiles can purify indoor ambient air.

How? With photocatalysis! In Japan, the use of photocatalysis for air purification is part of the current technology in many building materials for many years.



The solution:

PURE GENIUS™

The natural light, which, through the windows, is projected on bedroom ceilings - but also on light artificial light fixtures - activates the purification function air of **Fibro-Kustik PURE GENIUS™** tiles.

Thus, harmful substances, such as VOCs (e.g. formaldehyde) and NOX (e.g. car exhaust gases) are removed from the ambient air. In addition, odors (e.g. smoke cigarettes or cooking odors) can be reduced.

The risk of microbial contamination is also significantly reduced. **Fibro-Kustik** ceiling tiles **PURE GENIUS™** contribute to a healthier indoor air and more clean.

The test procedure:

ISO 22197-1

The air purifying effect could be proven in the context of a certified test in accordance with ISO 22197-1 in a photoreactor developed by Professor Bahnemann (Leibnitz University Hanover).

Make the **PURE GENIUS™** choice:

Optional: All decorative and acoustic **Fibro-Kustik** tiles can be delivered with **PURE GENIUS™** air purifying effect coating.

With **Fibro-Kustik ceiling tiles PURE GENIUS™** indoor air is up to 85% healthier.

FORMALDEHYDE LEVEL:



40 PPB

Concentration
harmful



32,5 PPB

Level measured without
PURE GENIUS™



5 PPB

Level measured with ceiling slabs
Fibro-Kustik PURE GENIUS™
after 30 days

LOGISTIC INFO

FIBRO-KUSTIK SOLO	Dimensions (mm)	Thickness (mm)	Boards / pallet	m ² / pallet	Gross weight / pallet (kg)	Pallets / Truck	m ² / Truck
BARCELONA	1200X600	15	128	92,16	719	31	2856,96
		25	70	50,4	582	36	1814,40
		35	56	40,32	612	34	1370,88
	1200X615	35	56	41,33	627	34	1405,15
		15	256	92,16	719	31	2856,96
		25	140	50,4	582	36	1814,40
	600X600	35	112	40,32	612	34	1370,88
		35	112	41,33	627	34	1405,15
		15	128	153,6	1206	18	2764,8
	2000X600	25	70	84	1052	20	1680,00
		35	56	67,2	1027	22	1478,40

FIBRO-KUSTIK SOLO	Dimensions (mm)	Thickness (mm)	Boards / pallet	m ² / pallet	Gross weight / pallet (kg)	Pallets / Truck	m ² / Truck
FLORENCE	1200X600	15	128	92,16	857	27	2488,32
		25	70	50,4	703	32	1612,80
		35	56	40,32	705	32	1290,24
	1200X615	35	56	41,33	778	28	1157,18
		15	256	92,16	857	27	2488,32
		25	140	50,4	703	32	1612,80
	600X600	35	112	40,32	705	32	1290,24
		35	112	41,33	778	28	1157,18
		15	128	153,6	1435	15	2304,00
	2000X600	25	70	84	1178	18	1512,00
		35	56	67,2	1182	18	1209,6

FIBRO-KUSTIK SOLO	Dimensions (mm)	Thickness (mm)	Boards / pallet	m ² / pallet	Gross weight / pallet (kg)	Pallets / Truck	m ² / Truck
BERLIN	1200X600	15	128	92,16	719	32	2949,12
		25	70	50,4	582	36	1814,40
		35	56	40,32	612	34	1370,88
	1200X615	35	56	41,33	627	34	1405,15
		15	256	92,16	719	32	2949,12
		25	140	50,4	582	36	1814,40
	600X600	35	112	40,32	612	34	1370,88
		35	112	41,33	627	34	1405,15
		15	128	153,6	1205	20	3072
	2000X600	25	70	84	977	22	1848
		35	56	67,2	1027	20	1344

FIBRO-KUSTIK SOLO	Dimensions (mm)	Thickness (mm)	Boards / pallet	m ² / pallet	Gross weight / pallet (kg)	Pallets / Truck	m ² / Truck
PARIS	1200X600	15	128	92,16	857	28	2580,48
		25	70	50,4	703	33	1663,20
		35	56	40,32	705	34	1370,88
	1200X615	35	56	41,33	778	30	1239,84
		15	256	92,16	857	28	2580,48
		25	140	50,4	703	33	1663,20
	600X600	35	112	40,32	705	33	1330,56
		35	112	41,33	778	30	1239,84
		15	128	153,6	1435	16	2457,6
	2000X600	25	70	84	1178	20	1680,00
		35	56	67,2	1182	18	1209,6



FIBRO-KUSTIK DUO Dimensions (mm) Thickness (mm) Boards / pallet m²/ pallet Gross weight / pallet (kg) Pallets / Truck m²/ Truck

BARCELONA	1200 x 600	50	40	28,8	466	44	1267,20
		50	40	48,0	783	26	1248,00
	2000 x 600	75	28	33,6	606	26	873,6
		100	20	24,0	530	26	624,00
		125	16	19,2	476	26	499,20
		150	14	16,8	460	26	436,80

FIBRO-KUSTIK DUO Dimensions (mm) Thickness (mm) Boards / pallet m²/ pallet Gross weight / pallet (kg) Pallets / Truck m²/ Truck

FLORENCE	1200 x 600	50	40	28,8	495	44	1267,20
		50	40	48,0	831	26	1248,00
	2000 x 600	75	28	33,6	644	26	873,60
		100	20	24,0	550	26	624,00
		125	16	19,2	495	26	499,20
		150	14	16,8	477	26	436,80



NOTES

NOTES

SOPREMA Group

At your service
Looking for a sales contact?
Contact our Customer Service
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Any technical questions related to the implementation of our products?

Contact our Technical Service
Tel. : **(+ 34) 93 635 14 08**

All the information is available on our website

www.soprema.es



www.soprema.com

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