

FIBRO-KUSTIK BERLIN

FIBRO-KUSTIK Berlin is a sound insulation board consisting of wood wool bound with cement. The board is used to improve room acoustics in both residential and non-residential buildings, such as commercial, industrial and public buildings, offices, schools, sports halls and garages. FIBRO-KUSTIK Berlin is characterized by good sound-absorbing and fire-retardant properties.

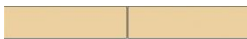
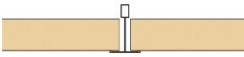
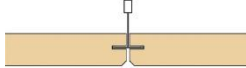

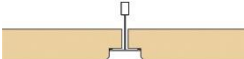
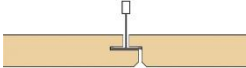

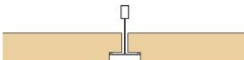
BENEFITS

- Good sound absorbing properties
- Ecological and environmentally friendly
- High water vapour permeability
- Tough and resistant
- Low flammability, does not contribute to the spread of fire
- Thermal insulating
- High resistance to aging
- Easy to apply
- Decorative, with the possibility of different edge finishings and numerous colour options



APPLICATION AREA

Finish possibilities:

DIRECT MOUNTING	INLAY MOUNTING	HIDDEN MOUNTING
<p>GKANTE straight edge</p> 	<p>GK-EIN straight edge</p> 	<p>VF05 beveled edge; not demountable (from 25 mm)</p> 
<p>FASE05 small beveled edge (5 mm)</p> 	<p>SF-EIN05 beveled edge with rebate on visible side</p> 	<p>VF05-DEM beveled edge; demountable (from 25 mm)</p> 
<p>FUGE05 straight edge with rebate for 5 mm wide joints (from 25 mm)</p> 	<p>SF-EIN straight edge with rebate on the visible side</p> 	

TDS-NE-INSEU0201.b/EN

SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

Contact: www.soprema.com

PROPERTIES

Technical characteristics	Standard	Unit	Value
Thermal conductivity	EN 12667	W/m.K	0,070
Compressive strength at 10% deformation	EN 826	kPa	CS(10\Y)200
Water vapour diffusion coefficient (μ)	EN 12086		3
Tensile strength perpendicular to faces	EN 1607		NPD
Reaction to fire	EN 13501-1		B-s1, d0
Sound absorption coefficient (α_w)	EN ISO 354		0,40*
Release of formaldehyde	EN 717		E1
Flexural strength	EN 13964-F	Class	A
Durability	EN 13964	Class	A
Edge profile			rebate / straight
Fiber width			2 mm
Colour			nature RAL 9010 (pure white) - washable other RAL and NCS colours available

NPD = no performance determined

* depending the thickness and mounting

INSTALLATIONS

Always consult the local regulations and contact the manufacturer for technical questions.

Expert report	Thickness (mm)	Attachment			Test certificate
		Substructure	Axis distance	Screws	
Ball-proof cladding according to DIN 18032/ Part 3	25/35/50	Wooden battens 80 x 30 mm	≤600 mm	Acoustic screws in 45/65/85 mm length 6 pieces/board 1200x600 mm	Wall: 903 1238 000/1/Man/H MPA Stuttgart
		metal profile 60 x 27 mm			Ceiling: 903 1238 000/2/Man/H MPA Stuttgart

PACKAGING AND STORAGE

Thickness* (mm)	Length x width* (mm)	Boards/pallet	m ² /pallet	Mass (kg/m ²)	Mass/pallet (+40 kg/pallet) (kg)	Thermal resistance (R _D) (m ² .K/W)
15	1000 x 600	256	153,60	9,0	1 422	0,20
25	1000 x 600	140	84,00	12,1	1 056	0,35
35	1000 x 600	112	67,20	16,3	1 135	0,50
50	1000 x 600	80	48,00	23,3	1 158	0,70
15	1200 x 600	128	92,16	9,0	869	0,20
25	1200 x 600	70	50,40	12,1	650	0,35
35	1200 x 600	56	40,32	16,3	697	0,50
50	1200 x 600	40	28,80	23,3	711	0,70

*other thicknesses and dimensions available on request

Store the boards on a flat surface, keep dry and protected from sunlight.

SPECIAL INDICATIONS

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.

SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

Contact: www.soprema.com