



# Fibro-Kustic *Barcelona*



- Acoustic board WW in accordance with DIN EN 13168
- Difficult to ignite, B-s1, d0, non smouldering
- Super fine wood wool (1 mm Thread width)
- WW EN 13168-T2-L4-W2-P2-CI3-CS (10y)200-S2

### Properties:

- Wood wool, mineral-bond
- Safe according to building biology principles
- Good sound absorption
- High vapor permeability
- Diffusion resistance number 2/5
- Certificate of Constancy of Performance no. 088-CPR-III-1081-2

### Colour:

- Standard version: natural

Alternatively, for additional charge:

- White, wipeable coating, RAL 9010
- Other colours on request, please indicate the RAL or NCS number

### Area of application:

- Diffusion-resistant acoustic ceiling cladding in residential and non-residential buildings, e.g. commercial, industrial and public buildings, offices, schools, sports halls and garages, etc.
- Application type in accordance with DIN V 4108-10: DI dm/WI dm

Thickness mm	Nominal value of the heat transfer resistance $R_0$ [m <sup>2</sup> -K/W]	Dimensional value of the heat transfer resistance R [m <sup>2</sup> -K/W]	Weight in kg		Standard in mm		Amount per Pallet (1,200 x 1,200 mm) (1,000 x 1,200 mm)	
			per m <sup>2</sup>	per Palette	Length	Wide	Boards	m <sup>2</sup>
15	0.20	0.21	9.0	870	1,200/600	600	128	92.16
25	0.35	0.36	12.1	650	1,200/600	600	70	50.40
25	0.35	0.36	12.1	550	1,000/600	600	70	42.00
35	0.50	0.52	16.3	700	1,200/600	600	56	40.32
35	0.50	0.52	16.3	590	1,000/600	600	56	33.60
50	0.70	0.72	23.3	710	1,200/600	600	40	28.80
50	0.70	0.72	23.3	600	1,000/600	600	40	24.00



[www.blauer-engel.de/uz132](http://www.blauer-engel.de/uz132)



PEFC/04-31-2168

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The mark of  
responsible forestry



0800

All products available  
with indoor air cleaning  
effect on request

All products available  
with FSC Mix wood on  
request

**Expert report:**
**Ball impact resistant wall cladding according to DIN 18032-3:2018-11/ Teil 3**

Product	Thickness in mm	Fastening		Screws	Test certificate
		Substructure	Centre distance		
Fibro-Kustik Barcelona	35/50	Wooden slats 80 x 30 mm	≤ 300 mm	Acoustic screws in length 65/85 mm	903 8332 000-1/Sgm MPA Stuttgart
Fibro-Kustik Barcelona	35/50	CD-Profile 60 x 27 mm	≤ 300 mm	6 Pieces per plate for format 1,200 x 600 mm	903 8332 000-1/Sgm MPA Stuttgart

**Ball impact resistant ceiling cladding according to DIN 18032-3:2018-11/ Teil 3**

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This technical information reflects the current level of our knowledge and experience. Subject to change without prior notice. Please use the latest version of this product data sheet, because levels of experience and knowledge are constantly evolving. If in doubt, please contact our office. The application examples described cannot take into account the specific circumstances of each individual case, and we therefore accept no liability for them. In all other respects, only our General Terms and Conditions of Sale, Delivery, and Payment (latest version), of which you are aware, shall apply. January 2023