

Brio

Technical Data Sheet 12/2023



Brio

Gypsum-fibre board

Product Description

Gypsum-fibre board with high sound insulation properties which can take high loads and yet retain its elasticity.

Storage

Always store boards vertically in line and in a dry environment and keep away from water. In exterior and interior environments, at most 5 and 6 boards can be stacked on top of each other. There should be two boards to protect the pallet on front and back sides. If boards are going to be stored outside, some form of cover (nylon etc.) should be used.

Standards referred to

EN 15283 - 2 GF - W1

Fields of Application

- Dry screed applications

Properties

- Suitable for floor heating systems
- High sound and heat insulation
- Clean and easy installation
- Time saving
- High surface quality
- No drying time necessary
- Walkable after 24 hours

Technical Data

Description	Unit	18 mm	23 mm	Standard
Reaction to fire	class	A2-s1,d0	A2-s1,d0	EN 13501-1
Weight	kg/m ²	23	28,6	-
Long edges	-	Tongue and groove		-
Front edges	-	Cut edge		-
Max. continuously exposable temperature	°C	≤ 50	≤ 50	-
Bending tensile strength	N/mm ²	≥ 5,0	≥ 5,0	EN 15283-2
Thermal conductivity λ	W/(m·K)	0,30	0,30	-
Water vapor permeability	μ	10/4	10/4	EN ISO 10456

Product Range

Description	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m ²)	Packaging (pcs./pallet)	Material Number
Brio	18	600	1200	23	70	82667
Brio	23	600	1200	28,6	50	82670

System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

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▶ 444 YAPI - 9274

▶ www.knauf.com.tr / www.teknik.knauf.com.tr

▶ teknik@knauf.com

Center: Knauf Moment Beştepe Office, Beştepe Mah. 32.Cadde No:1/212-218 06560 Beştepe-Yenimahalle
/ ANKARA Tel: 0312 297 0100 Faks: 0312 266 4506