



GKB - DIN 18180
A - EN 520 / ISIRI 14818

Drywall Systems

2022-05

K+ Gypsum Board GKB

The regular gypsum (RG) board for basic drywall systems

Product description

- Board type
DIN 18180: GKB
- EN 520 ISIRI 14818: A
- Colour of face: ivory
- Colour of board liner: Grey
- Back and Rear side marking: black

Board Dimentions

Thickness :
9.5 / 12.5 / 15 / 18 mm

Width :
1200 mm

Length :
2400 / 2500 / 2700 / 2800 / 3000 mm

Products codes:

Refer to K Plus Pars Price List

Storage

Boards, should be stored on wooden pallets in a dry environment.

Fields of application

K+ Gypsum boards GKB are used in all fields of interior works as economic cladding of drywall systems without special requirements.

Systems:

- Partition systems
- Ceiling systems
- Lining systems
- Incasements (Without fire)

Properties and added value

- Easy application
- Non-combustible
- Bending is possible
- Low expansion and shrinkage when climate conditions change

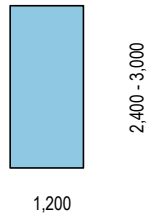
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Technical data

Board Format (in mm)



Edge types

VK



AK



Technical Properties	9.5 mm	12.5 mm	15 mm	Unit	Related standard
Type of board	GKB				DIN 18180
	A				EN 520 INSO 14818
Thermal conductivity (λ)	0.25			W/(m.k)	INSO 14818
Thermal resistance	0.04	0.05	0.06	(m ² .k)/w	
Density (approx.)	725	550	805	kg/m ³	EN520 / INSO14818
Board weight	6.90	6.90	12.10	kg/m ²	
Flexural breaking load –Longitudinal direction	≥400	≥550	≥650	N	
Flexural breaking load –Transverse direction	≥160	≥210	≥250		
Water absorbtion	30-50			%	EN520
Surface hardness	–	20	–	mm	
Width dimensional tolerance	+0 / -4 mm				
Lenght dimensional tolerance	+0 / -5 mm				
Thickness dimensional tolerance	+0.5 / -0.5 mm				
Angularity dimensional tolerance	≤ 2.5 mm per m board width				

notes

K+ gypsum boards are manufactured from high quality gypsum, with a purity of not less than 90%. Stringent quality control procedures apply to the manufacturing process, in full compliance with BS EN ISO 9001:2000 and BS1230: Part 1: 1985

Fire Performance : K+ gypsum boards are designed as class O materials under the building regulations 1991, Approved document B. They also meet BS476: Part 6: 1989, with fire propagation index 1=12 and under BS476: Part 7: 1987, surface spread of flame, are designated Class 1.

Specific K+ Drywall Systems are fire tested in accordance with BS476: Part 20: 1987.

Acoustic Performance : Specific K+ Drywall Systems are tested in full accordance with BS EN ISO 140-3:1995 and the values calculated in accordance with BS EN 717-1:1996.

Vapor Performance : Vapor check gypsum boards have been tested in accordance with BS3177: 1959 and exceed the minimum requirement of 15MN s/g to meet this standard.

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