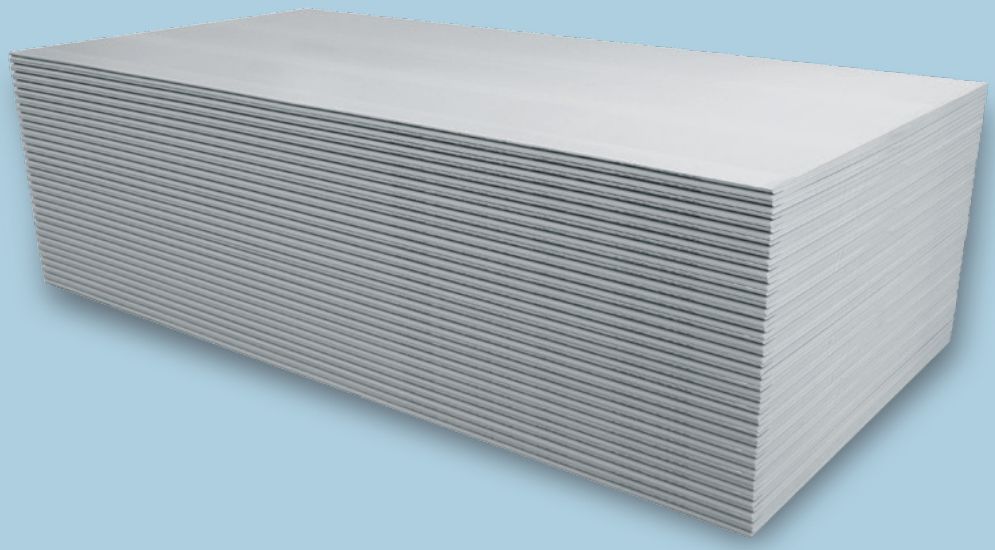


K711.lv

GKB - DIN 18180 A - EN 520

Drywall Systems | 2019

Knauf White

Regular gypsum plasterboard

Material

Knauf White is regular gypsum plasterboard.
Colour of board liner – light grey.
Rear side marking – blue.
Long edges with paper lining – HRAK, AK (tapered).
Front edges – SK (cutted).

Board type
EN 520: A
DIN 18180: GKB

Storage
Store boards on wooden pallets in a dry environment.

Quality
In compliance with EN 520, the product is subject to initial type testing and continuous factory production control and is marked with the CE marking.

Dimensions

12,5 x 1200 x 2000 mm (HRAK)	art. No. 66301
12,5 x 1200 x 2400* mm (HRAK)	art. No. 260290
12,5 x 1200 x 2500 mm (HRAK)	art. No. 184329
12,5 x 1200 x 2600 mm (HRAK)	art. No. 184331
12,5 x 1200 x 2700 mm (HRAK)	art. No. 184314
12,5 x 1200 x 2800 mm (HRAK)	art. No. 81936
12,5 x 1200 x 3000 mm (HRAK)	art. No. 66305
12,5 x 1200 x 3300* mm (HRAK)	art. No. 490853

* Customized lengts – to order

Application

Knauf White are used in all fields of interior works as economic cladding of drywall systems without special requirements.
For indoor use.

Systems:
- Ceiling linings and suspended ceilings
- Attic linings
- Metal stud partitions
- Wood frame partitions
- Structural wood frame wall panels
- Furrings
- Dry lining

Dimensions

12,5 x 1200 x 2200 mm (AK)	art. No. 68356
12,5 x 1200 x 2400 mm (AK)	art. No. 68357
12,5 x 1200 x 2500 mm (AK)	art. No. 68358
12,5 x 1200 x 2600 mm (AK)	art. No. 68359
12,5 x 1200 x 2700 mm (AK)	art. No. 68360
12,5 x 1200 x 2800 mm (AK)	art. No. 68361
12,5 x 1200 x 3000 mm (AK)	art. No. 68364
12,5 x 1200 x 3300* mm (AK)	art. No. 68363
12,5 x 1200 x 3600* mm (AK)	art. No. 68365

* Customized lengts – to order

Properties

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

Dimensions

12,5 x 1200 x 2000/4000* mm (HRAK, AK)	art. No. 43038
12,5 x 900 x 2000/3000* mm (HRAK, AK)	art. No. 51137

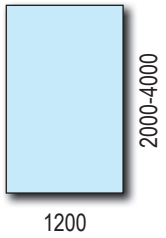
* Customized lengts – to order

Knauf White

Regular gypsum plasterboard

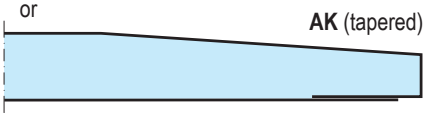
Technical data

- Dimensions (mm)



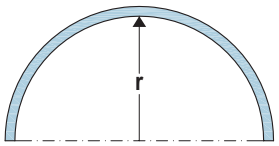
- Edge types
  - long edges:

or



  - front edges:

- Dimension tolerances (EN 520):
  - Thickness: +0,5/-0,5 mm
  - Width: +0/-4 mm
  - Lenght: +0/-5 mm
  - Angularity: ≤ 2,5 mm per m board witdh
- Minimum bending radius
  - Dry bending: r ≥ 2750 mm
  - Wet bending: r ≥ 1000 mm



Board type:		GKB A	DIN 18180 EN 520
Reaction to fire EN 13501-1:		A2-s1,d0 (B)	EN 520
Water vapour diffusion resistance μ			EN ISO 10456
■ Dry:		10	
■ Wet:		4	
Thermal conductivity λ:	W/(m·K)	0,21	EN ISO 10456
Shrinkage and expansion			
■ per 1 % change of relative air humidity:	mm/m	0,005–0,008	
■ per 1 Kelvin change of temperature:	mm/m	0,013–0,02	
Density:	kg/m³	≥ 680	DIN 18180
Board weight:	kg/m³	≥ 8,5	DIN 18180
Characteristic compressive strength $f_{c,90,k}$ (for out of plane loads):	N/mm²	≥ 3,5	EN 1995-1-1
Characteristic bending tensile strength $f_{m,k}$ (for out of plane loads):			EN 1995-1-1
- Longitudinal direction:	N/mm²	≥ 6,1	
- Transverse direction:	N/mm²	≥ 2,3	
Average E modulus E_{mean} (for out of plane loads)			EN 1995-1-1
- Longitudinal direction:	N/mm²	≥ 2800	
- Transverse direction:	N/mm²	≥ 2200	
Flexural breaking load:			DIN 18180
- Longitudinal direction:	N	≥ 610	
- Transverse direction:	N	≥ 210	
Max. limit for long term temperature exposure:	°C	≤ 50 (short-term ≤ 60)	

Notes

Application
Application should be done acc. to the applicable standards and acc. to the Knauf Technical Data Sheets of the respective drywall system.

Safety instructions and disposal
See Safety Data Sheet.

Knauf info centre:
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www.knauf.lv

The characteristic building physics, statical and structural properties of Knauf systems can solely be ensured with the exclusive use of Knauf system components, or other products expressly recommended by Knauf.

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