

Knauf White

Regular gypsum board

Technical data sheet

05/2025



Product description

Knauf White is regular gypsum board.
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.

Properties

- Easy application
- Non-combustible
- Bending is possible
- Can be folded by mitring
- Low expansion and shrinkage when climate conditions change

Application

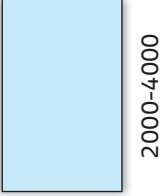



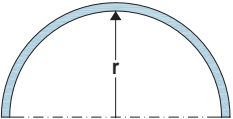
Knauf White are used in all fields of interior works as economic cladding of drywall systems without special requirements.

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

Technical data

<p>Dimensions (mm)</p>  <p>1200</p> <p>2000-4000</p> <p>Edge types</p> <p>- long edges: HRAK (tapered)</p>  <p>or AK (tapered)</p>  <p>- front edges: SK (cutted)</p>  <p>Dimension tolerances (EN 520)</p> <ul style="list-style-type: none"> - Thickness: +0,5/-0,5 mm - Width: +0/-4 mm - Length: +0/-5 mm - Angularity: ≤ 2,5 mm per m board width <p>Minimum bending radius Knauf Blue 12,5 mm board</p> <ul style="list-style-type: none"> - Dry bending: $r \geq 2750$ mm - Wet bending: $r \geq 1000$ mm 	Board type:	GKF 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	
	Shrinkage and expansion per 1 % change of relative air humidity: per 1 Kelvin change of temperature:	mm/m mm/m	0,005-0,008 0,013-0,02	
	Density:	kg/m ³	≥ 680	DIN 18180
	Board weigh:	kg/m ²	≥ 8,5	
	Characteristic compressive strength $f_{c,90,k}$ (for out of plane loads):	N/mm ²	≥ 3,5	
	Characteristic bending tensile strength $f_{m,k}$ (for out of plane loads)			EN 1995-1-1
	- Longitudinal direction:	N/mm ²	≥ 6,1	
	- Transverse direction:	N/mm ²	≥ 2,3	
	Average E modulus E_{mean} (for out of plane loads)			
- Longitudinal direction:	N/mm ²	≥ 2800		
- Transverse direction:	N/mm ²	≥ 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.

Product range

Name	Size of the gypsum board			Edge type	Package pcs./palette	Art. Nr.	EAN code
	Width mm	Length mm	Thickness mm				
Knauf White	1200	2000	12,5	HRAK	60	00066301	5901793350042
	1200	2400	12,5	HRAK	60	00260290	4750614000779
	1200	2500	12,5	HRAK	60	00184329	4003982386533
	1200	2600	12,5	HRAK	60	00184331	4003982244611
	1200	2700	12,5	HRAK	60	00184314	4750614000809
	1200	2800	12,5	HRAK	60	00081936	4750614000816
	1200	3000	12,5	HRAK	60	00066305	5901793354705
	1200	2200	12,5	AK	60	00068356	4750614000366
	1200	2400	12,5	AK	60	00068357	4750614000397
	1200	2500	12,5	AK	60	00068358	4750614000403
	1200	2600	12,5	AK	60	00068359	5907651690565
	1200	2700	12,5	AK	60	00068360	4750614000427
	1200	2800	12,5	AK	60	00068361	5907651692347
	1200	3000	12,5	AK	60	00068364	4750614000458
	1200	3300	12,5	AK	60	00068363	4750614000489
	1200	3600	12,5	AK	60	00068365	4750614000519
	1200	2000/4000*	12,5	HRAK / AK	-	00043038	5907651692309

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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.

Manufacturer: SIA Knauf