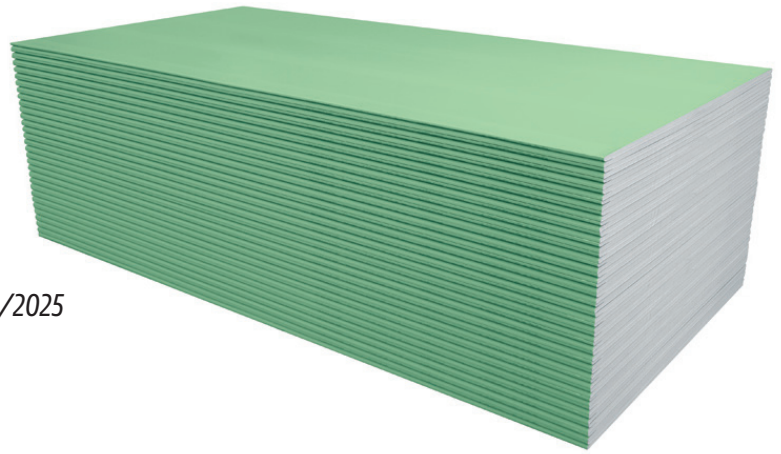


Knauf Green

Impregnated gypsum board

Technical data sheet

05/2025



Product description

Knauf Green have reduced water absorption properties.
Colour of board liner – green.
Rear side marking – blue.
Long edges with paper lining – HRAK, AK (tapered).
Front edges – SK (cutted).

Board type

EN 520: H2
DIN 18180: GKBI

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

- Impregnated for reduced water absorption
- Easy application
- Non-combustible
- Bending is possible
- Folding with mitring is possible
- Low expansion and shrinkage when climate conditions change

Application

Knauf Green are used in all fields of interior works as economic cladding of drywall systems in rooms with moderately high humidity.

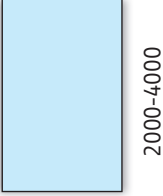



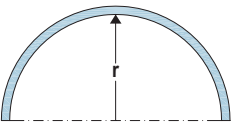
For indoor use.

Systems:

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

Rooms with moderately high humidity are rooms with a constant relative air humidity of $\leq 70\%$ (e.g. domestic bathrooms).

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 <p>(Note extended residence time due to hydrophobic core)</p> 	Board type:	GKBI H2	DIN 18180 EN 520	
	Reaction to fire EN 13501-1:	A2-s1,d0 (B)	EN 520	
	Water vapour diffusion resistance μ	Dry: Wet:	10 4	EN ISO 10456
	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	
	Total water absorption:	%	≤ 10	EN 520
	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 - Transverse direction:	N/mm ² N/mm ²	≥ 6,1 ≥ 2,3
	Average E modulus E_{mean} (for out of plane loads)			
	- Longitudinal direction - Transverse direction:	N/mm ² N/mm ²	≥ 2800 ≥ 2200	
Flexural breaking load			DIN 18180	
	- Longitudinal direction: - Transverse direction:	N N	≥ 610 ≥ 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 Green	1200	2000	12,5	HRAK	60	00066308	5901793350080
	1200	2600	12,5	HRAK	60	00066310	5901793350073
	1200	2600	12,5	AK	60	00068366	5907651691166
	1200	3000	12,5	HRAK	60	00066311	4003982248695
	1200	3000	12,5	AK	60	00068367	5413503006489
	1200	2000/4000*	12,5	HRAK / AK	-	00044802	9002943031296
	900	1300	12,5	HRK	60	00159464	4750614004647

* Ordering of special lengths is possible

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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