



Knauf Formplatte

The formable gypsum board for drywall design solutions

Material

Knauf Formplatte is an especially thin gypsum plasterboard.
Colour of board liner – light grey.
Rear side marking – blue.
Long edges with paper lining – AK (tapered).
Front edges – SK (cutted).

Board type

EN 520: D
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

6,5 x 1200 x 2600 mm

art. No. 172757

Application

Knauf Formplatte is to be used in all interior applications as creative design solution for plasterboard systems – in round and curved constructions with small radius.

Knauf Formplatte is suitable for the creation of different curved shapes – arches and columns; niches and vaults; for round external and internal corners; various wall and ceiling decorative features, dome, ceiling bends; and efficient surface crossings.
For indoor use.

System:

- Ceiling design (D19).

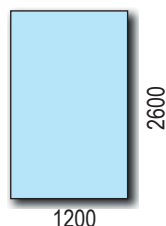
Properties

- Formable, even for smallest radius
- Folding with mitring is possible
- Non-combustible
- Easy application
- Light, thin
- Low expansion and shrinkage when climate conditions change

Technical data

■ Dimensions (mm)

Thickness: 6,5



■ Edge types

- long edges:

AK (tapered)



- front edges:

SK (cutted)

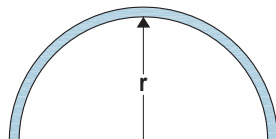


■ Dimension tolerances (EN 520):

- Thickness: +0,5/-0,5 mm
- Width: +0/-4 mm
- Length: +0/-5 mm
- Angularity: ≤ 2,5 mm per m board width

■ Minimum bending radius

- Dry bending: $r \geq 1000$ mm
- Wet bending: $r \geq 300$ mm



Board type:	GKB D	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)	0,25 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/m ³	≥ 800 DIN 18180
Board weight:	kg/m ²	≥ 5,9 DIN 18180
Characteristic bending tensile strength $f_{m,k}$ (for out of plane loads):		EN 1995-1-1
- Longitudinal direction:	N/mm ²	≥ 11,5
- Transverse direction:	N/mm ²	≥ 4,5
Flexural breaking load:		DIN 18180
- Longitudinal direction:	N	≥ 280
- Transverse direction:	N	≥ 109
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.

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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.

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