

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.



Floor Systems

F1701_PDS.de

Product Data Sheet 2024-05



Hobo sheathing unit

Sheathing unit for flowing screed raised access flooring

Product description

Raised access flooring sheathing units are special gypsum boards based on fire-resistant boards acc. to DIN 18180. In the tensile zone, a core for enhancing the bending tensile strength is embedded.

- Board type
DIN 18180
EN 520
- Board liner
- Rear side marking

GKF
DFIR
dark grey
red

Storage

Store on board 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 bears the CE marking.

Properties and added value

- Fast to lay
- Easy to cut
- Non-combustible
- Reinforced tensile area for high bending tensile strength
- For interiors
- Very low emission, EMICODE EC 1^{PLUS}, see also www.emicode.com/en



Sheathing unit for flowing screed raised access flooring

Field of application

Walkable permanent sheathing for the creation of a raised access floor construction in conjunction with Knauf flowing screeds. The commercially available metal pedestal supports (base plate Ø 90 mm) are fixed in a support grid of ≤ 600 mm on a stable substrate using pedestal adhesive as are the sheathing units on the supports.

Hobo sheathing units are intended to bear the load from the screed applicator and liquid flowing screed until the screed has set.

They are **not** suitable for bearing the general building site traffic.

Application

Application

Grids and loads

The thickness of the flowing screed to be applied depends on the required load class, the selected support grid and the quality classification of the screed. The screed thickness is defined by the system provider.

Specifications for fire resistance, sound insulation and load classes is also supplied by the system supplier.

Note

Application should be undertaken in accordance to the applicable standards and relevant system supplier specifications. The general rules stipulated in Code of Practice no. 1 "Baustellenbedingungen - Site conditions" (German only) from the BVG apply. Further information can be found in the information brochure "Hohlböden im Bauwesen - *Hollow floors in building construction*" and the application guidelines for the DIN EN 13213 "Hollow floors" of the German Bundesverband Systemböden e. V.

Technical data

Description	Standard	Unit	Hobo sheathing unit
Board type Germany	DIN 18180	–	GKF
Board type European	EN 520	–	DFIR
Reaction to fire	EN 520	–	A2-s1, d0 (B)
Width dimensional tolerance	EN 520	mm	+0 / -4
Length dimensional tolerance	EN 520	mm	+0 / -5
Thickness dimensional tolerance	EN 520	mm	+0.7/-0.7
Angularity dimensional tolerance	EN 520	mm per m board width	≤ 2.5
Shrinkage and expansion per 1 % change of relative air humidity	–	mm/m	0.005 – 0.008
Shrinkage and expansion per 1 Kelvin change of temperature	–	mm/m	0.013 – 0.02
Long term temperature exposure (max. limit)	–	°C	≤ 50
Density	–	kg/m ³	approx. 970
Flexural breaking load longitudinal direction	EN 520	N	≥ 1000
Flexural breaking load transverse direction	EN 520	N	≥ 430
Board weight	–	kg/m ²	approx. 17.5
Water vapour resistance factor μ dry	EN ISO 10456	–	10
Water vapour resistance factor μ wet	EN ISO 10456	–	4
Surface hardness	EN 520	mm \emptyset	≤ 15

Dimensional tolerances: The sheathing unit features an excess height of ≤ 5 mm over the element width.

Product range

Description	Width	Length	Thickness	Edges	Packaging unit	Material number	EAN
Hobo sheathing unit	600 mm	1200 mm	18 mm	SSK VK	48 pieces / pallet	00628185	4003982380524

VK = Square edge

SSK = Front cut square edge

Sustainability and environment

Short description	Unit	Value
Requirements of the German AgBB-scheme	–	fulfilled
Complies with the requirements of the French emission class	–	A+
Certificates	–	Emicode EC 1 ^{PLUS}



Observe safety data sheet!

For safety data sheet and CE marking see

pd.knauf.de



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youtube.com/knauf



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