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Technical Data Sheet K824.bg

05/2013

Knauf Vidifloor SOLO

Description, Field of Application, Systems, Technical properties

Product Description

- Board type acc. to EN 15283-2 GF-W2
- Board colour: grey
- Dimensions:**
- Thickness: 18 mm
- Width: 600 (635) mm
- Length: 900 (935), 1200 (1235) mm
- Edge shaping: milled
- Weight: ca. 23 kg/m²

Storage:

Store on pallets in dry environment .

Advantages

Knauf Vidifloor Solo are gypsum fibre boards for flooring with dimensions 900 mm x 600 mm x 18 mm.

They are produced with 35 mm wide milled edge, which helps forming the joints between elements using either adhesive and either screws or clamps.

It is suitable for old wooden floors reconstruction, improves sound insulation and fire resistance and shortens construction time. It characterizes with high load bearing capacity, rapid and easy installation, energy efficiency and compatibility with floor heating.

Systems

- For new buildings or refurbishments
- Fixing on timber or metal structures, and concrete slabs
- Floating floor in administrative or residential buildings
- Provide better sound insulation and fire protection
- Reduced installation time
- Suitable for heated floors

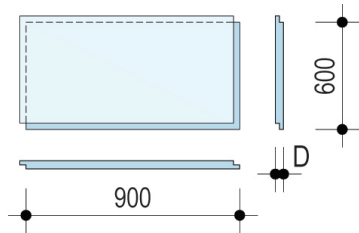
K824.bg Knauf Vidifloor SOLO

Dry floor gypsum fibre boards with milled edge

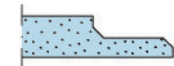


Technical data

Board dimensions (mm):



Edge shaping milled tier

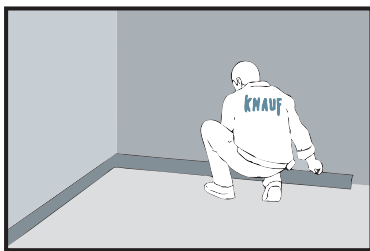


Acceptable tolerances in size

- Width +0/-2 mm
- Length +0/-2 mm
- Thickness +0.2/-0.2 mm
- Rectangular width ≤ 2.5 per meter

Board type:	GF-W2	EN 15283-2
Reaction to fire classification EN 13501-1:	A2-s1, d0	EN 13501-1
Water vapour diffusion resistance factor μ :	21	EN ISO 12572
Thermal conductivity coefficient λ :	W/(m·K) ≤ 0.30	EN 12664
Density	kg/m ³ approx. 1280	EN 15283-2
Tensile bending strength	N/mm ² ≥ 5.8	EN 15283-2
Modules of elasticity	N/mm ² 3900	
Hardness of penetration	N/mm ² ≥ 30.0	

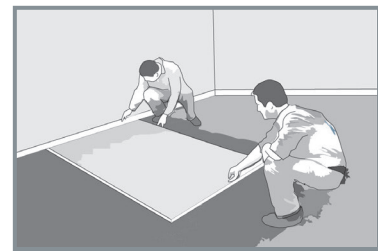
Installation



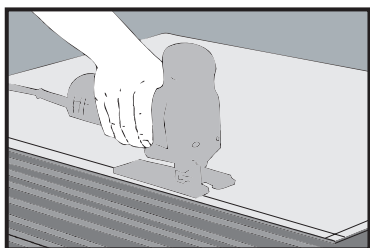
Insulation stripe installation



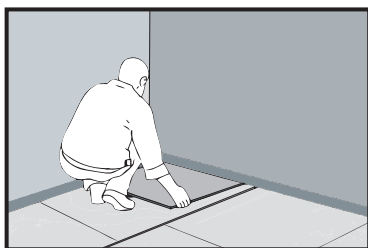
Level flattening - dry fill (if necessary) and gypsum plaster board



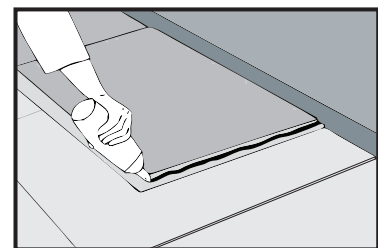
Thermal and sound insulation



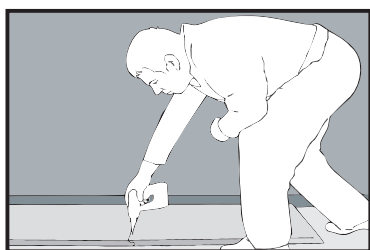
Cutting board edge of first row



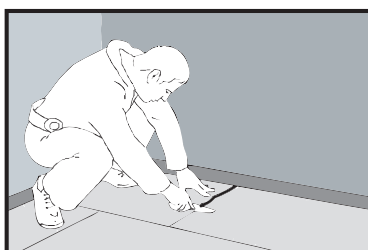
Floor board placing



Adhesive in the edge area



Fixing with screws



Removing excessive glue

For uneven surfaces is recommended level flattening with dry fill.

For even surfaces Vidifloor Solo can be installed directly on the thermal insulation layer.

1. Level flattening – dry leveling fill/ plaster.
2. Insulation layer (if necessary) : WF / EPS / dry fill.

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