



K465



Drywall and Floor Systems

2008-04

K465 Knauf Perlfix

Bonding Gypsum for Dry Lining

Product Description

Knauf Perlfix is a stucco gypsum with factory-blended additives.

Order information

30 kg bag Material no. 00003110

Storage

Store bags dry on wooden pallets.
Can be stored for 6 months.

Fields of Application

Knauf Perlfix is used to apply the following products to walls:

- Knauf Boards
 - Insulation (hard foam and mineral wool boards)
 - Knauf Composite Boards EPS, MW or Knauf InTherm
- on regular substrates with a rough and absorbent surface.

Properties

- powdery ready to mix
- gypsum-based
- easy to blend
- paste-like consistency
- good bonding
- efficient
- rapid increase of bonding strength after initial setting
- application time approx. 30 minutes

Application

Application temperature / climate

Do not apply Knauf Perlfix at temperatures below +10 °C (50 °F).

Application time

Applicable for approx. 30 minutes after making putty, depending on conditions of substrate. Application time is shortened if unclean pails (containers) and tools are used. Finish the fixing and aligning of the gypsum boards before the hardening of Knauf Perlfix commences.

Special notes

Do not mix Knauf Perlfix with other materials as properties can change significantly in this case. Clean tools with water immediately after use.

For the application of composite boards, and if air tightness is required, it can be necessary to consider further measures according to Knauf Technical Data Sheet W61.

Consumption / Efficiency

Consumption of material

- approx. 5 kg Perlfix per m² dry lining

Efficiency per 30 kg bag of Perlfix:

- approx. 6 m² Knauf Boards can be glued as dry lining with 30 kg of Perlfix

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Application

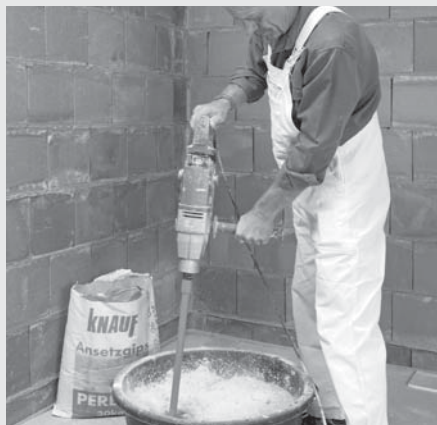


Pre-treatment of substrate

The substrate has to be substantial, solid, clean and dry, concrete surfaces sufficiently dry and free of sinter layers and concrete release agents. Prime smooth, non-absorbent concrete surfaces with Knauf Betokontakt as bonder.

Coat well-soaking surfaces with Knauf Grundiermittel (primer), diluted with water at a ratio of 1:3.

Mark board edges for exact alignment of Perlfix dabs.



Mixing

Sprinkle 30 kg Perlfix in approx. 16 l water and mix with Putty Mixer to a paste-like compound.



Application of Perlfix dabs

In the case of an uneven substrate apply dabs of Knauf Perlfix with a spacing of approx. 35 cm.

For strongly uneven backgrounds underpin with 10 cm wide board strips and Knauf Perlfix.



Gypsum Composite Boards PS and MW

Push a thin layer of Knauf Perlfix into the adhesion area of the insulation layer using the Finishing Trowel when applying Gypsum Composite Boards.



Application of boards, pounding and alignment

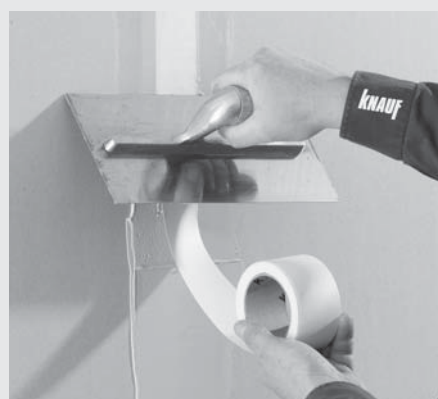
Press Knauf Boards or Gypsum Composite Boards perpendicular and horizontally on the substrate and attach by pounding with straight edge. Pounding and aligning of the boards has to be finished before hardening of Knauf Perlfix commences.



The minimum thickness of dabs should be 5 mm after alignment of boards.



Application at door openings and power sockets



Board joints should be tight and filled with Uniflott/ impregnated Uniflott / TRIAS / Fugenfüller Leicht* / Jointfiller Super*.

* with Knauf Joint Tape Kurt

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** 0,14 €/Min.

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