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Drywall Systems

K465.de

Product Data Sheet

05/2019



Perlfix

Adhesive gypsum for dry lining

Product description

Perlfix is a stucco gypsum with factory-blended additives.

Storage

Store on wooden pallets.

Can be stored for approx. 6 months.

Quality

In compliance with EN 14496, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

Properties and added value

- Factory-blend powder
- Gypsum based
- Easy to mix
- Good adhesive properties
- Efficient
- Rapid increase of bonding strength after initial setting has started

Field of application

Perlfix is used to apply Knauf gypsum boards to walls on all standard substrates with a rough, absorbent surface.

Adhesive gypsum for dry lining

Application

Substrate and pretreatment

Check the substrates for absorptivity before application, e.g. splash with water from a wallpapering brush. 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 a bonding layer of Betokontakt.

Prime highly absorbent substrates (e.g. aerated concrete) accordingly (e.g. with Knauf Tiefengrund).

Mark board edges for exact alignment of the Perlfix dabs.

Application temperature / climate

Do not apply at room or substrate temperatures below approx. +10°C.

Application time

About 30 minutes from when mixed, depending on the condition of the substrate. Soiled mixing buckets and tools reduce the application time.

Finish pounding, fixing and aligning of the gypsum boards before hardening commences.

Mixing

Sprinkle 30 kg of Perlfix in approx. 16 l of water and use a putty mixer to achieve a paste-like consistency.

Note

Do not mix Perlfix with other materials because properties can possibly change significantly.

Application

Application of Perlfix dabs

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

Level heavily uneven substrates by underpinning with about 10 cm wide Knauf board strips and Perlfix. Apply boards to the strips with Fugenfüller Leicht using the thin bed method.

Application of boards, pounding and alignment

Press Knauf boards perpendicular and horizontally on the substrate and pound with straight edge. Finish pounding, fixing and aligning of the gypsum boards before hardening commences. The minimum thickness of the Perlfix dabs should be 5 mm after board alignment.

Note

The gypsum boards should be cut so that gaps of at least 10 mm for the floor and 5 mm for the ceiling result. This will allow Perlfix to dry faster.

Cleaning

Clean the machines and tools with water immediately after use.

Material requirement and efficiency

Product	Consumption
Perlfix	approx. 5 kg/m ²

Order information

Product	Available options	Packaging unit	Material number	EAN
Perlfix	30 kg sack	40 bags/pallet	00003110	4003982085030

Sustainability and environment

Short description	Value
Requirements of the German AgBB-scheme	Compliant
Corresponds to the French emissions class	A+
Environmental Product Declaration	EPD-BVG-KNG-20140072-IAG1-DE



Observe safety data sheet!

For safety data sheet see
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