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This is a translation of the technical data sheet valid in Iran.

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Technical Data Sheet

2022-2023

Fugenfuller

Gypsum filler compound for drywall systems

Product description

Kplus Fugenfuller is a gypsum based powdery material with mineral fillers and suspending agents adapted to suit its area of application. Bedding and finishing compound acc. to EN 13963.

Storage

Store the bags on wooden pallets in a dry environment. Seal damaged and open bags airtight and use first. Can be stored for approx. 6 months.

Field of application

Fugenfuller is a gypsum filler compound for

- Jointing by hand with reinforcement joint tape for Kplus boards with half-rounded tapered edge, half-rounded edge, tapered bevelled edge and tapered edge
- Applying Kplus gypsum boards and composite boards using the thin bed method
- Filling imperfections on Kplus gypsum boards
- Bonding and filling gypsum wallboards
- Bonding stucco channels

Properties and added value

- Powdery, ready-to-mix
- Gypsum based
- Lump-free mixing
- Stiff creamy, pliable consistency
- Particularly easy to fill
- Good adhesive properties
- High yield
- Quick development of hardness
- Sufficient application time
- High water retention capacity
- White color

Application

Substrate pretreatment

The substrate should be stable, firm and clean. The gypsum board must be firmly fastened to substructures that are dry, clean and dust-free in the joint areas.

Fill the flaws with Fugenfuller

Mixing

Sprinkle Fugenfuller in clean, cold water until just below the water line (max.10 kg in approx. 9 -10 l of water). Mix to a stiff creamy consistence without further additives using a margin trowel.

Do not mix Fugenfuller with other materials as it may significantly change the properties.

Application

- Tools: Screw handle spatula / trowel / finishing trowel.

- Fill joints, apply joint tape, preferably Kplus joint tape, and fix by pushing it down using the trowel.

- Before applying the next layer, the previous layer must be hardened and/or dry.

- Fill screw heads/fasteners as well.

- Clean the tools/equipment with water after use.

Application time

Approx. 45 minutes until initial setting. Do not use material that has started to harden and do not add water or mix in an attempt to make the material usable.

Soiled mixing buckets and tools reduce the application time.

Application temperature/climate

Filling and covering of joints should only take place when no more longitudinal changes can be expected, e.g. expansion or contraction due to humidity or temperature changes. In case of mastic asphalt screed, cementitious screed and self-levelling screed, fill in board joints after screed has been applied. Do not apply at room or substrate temperatures below +5°C.

of resin / cellulose plasters, quick drying must be ensured through adequate airing.

Coatings and linings

Before further coating or lining (wallpaper) is applied, the filled surface must be free of dust.

Ensure that the primer is compatible with the coating / paint / lining. To compensate for the differences in absorption of filled surfaces and the paper surface, a suitable primer should be applied on the entire surface.

Where a wallpaper lining is used, a primer that facilitates easier removal of wallpaper for redecoration is recommended. A sealing primer of Kplus Blue primer is required for covering splash water areas with tiles. After wallpapering with paper or fibre glass wallpapers or after application.

Technical specifications

Description	Unit	Value
Working time	minute	35-55
Initial setting time	minute	90-110
Final setting time	minute	30-110
Compressive strength	N/mm ²	>2.0
Flexural strength	N/mm ²	>1.0
Adhesive strength	N/mm ²	>0.1

Packaging

Product	Weight (kg)	Packaging (pcs./pallet)	Material Number
Fugenfuller	20	60	7012332000

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