

Keim Universalputz

Grain size: 1.3mm

Product description:

Keim Universalputz is a renovation and thin layer exterior wall render, based on lime cement with a small amount of organic additives and fiber reinforcement (Standard render to DIN EN 998-1). Keim Universalputz corresponds to mortar category CS III (P II acc. To DIN 18550). Combined with Keim silicate coatings, Keim Universalputz is a coordinated render/coating system.

Field Of Application:

Renovation and repair of:

- Sound existing renders (including synthetic resin renders)
- Sound existing paint coats (including synthetic resin paint coats).
- Interior and exterior areas.
- Cracks
- Problem areas.
- With fabric embedding (e.g. with Keim Glasfaser-Gittermatte or Keim Innengewebe) over part or all of the surface.

Not suitable for elastoplastics and saponifiable substrates.

When used as a finishing render, Keim Universalputz may be textured or felt-floated.

Product Properties:

Binder based on white lime cement with calcite aggregate together with light aggregate and fiber reinforcement.

- Grain size: 0-1.3 mm
- Dry weight: 1.35 g/cm³

Material characteristics:

- Compressive strength: >3.5-7.5 N/mm², CS III
- Water vapour permeability μ : approx. 9
- Water absorption: W2
- Thermal conductivity $\lambda_{10, dry}$:
 ≤ 0.83 W/(mK) for P = 50%*
 ≤ 0.93 W/(mK) for P = 90%*
(* tabular values acc. to EN 1745)

Application Instructions:

Initial preparation:

Test load-bearing capacity of substrate. Remove any loose areas of existing coatings mechanically or by water jetting.

Application:

Strongly absorbent substrates must be rewetted. Water requirement: approx. 240 ml/kg (corresponding to 6 l/25 kg sack); mix with blunger or render mixing machine. Apply in one or more layers to a thickness of at least approx. 4mm and at most 10 mm per layer. If embedding fabric, apply 3mm of Keim Universalputz, press fabric in (fabric webs overlapping by 10 cm) and apply a further layer of 3 mm of Keim Universalputz the following day. Total layer thickness min 6 mm. If using as a finish render, texture or felt-float. On a non-absorbent render substrate, the render must solidify completely before being felt-floated with an additional thin layer.

Note: Do not overmix material, as overmixing entails the risk of a marked loss of strength. Material which has already set must not be remixed.

Application conditions:

Ambient and substrate temperature must not fall below +5°C during the application and drying phase. Do not apply in direct sunlight or onto sun-heated substrates. Protect rendered surfaces from direct sunlight, wind and rain during and after application.

Drying times:

1 day/1 mm of render thickness if a further layer of render is to be applied.

Finishing:

With finishing renders such as Keim Silikatputz or Keim Brillantputz, no preparatory work is necessary. With paint: All interior and exterior Keim coating systems are suitable. Can be overcoated with paint after 10 days. Essential minimum layer thickness for coating with Keim Purkristalat: 5 mm

Preparatory work required on exterior surfaces: Remove lime with Keim Atzflussigkeit, diluted 1:3 with water, then rinse off with clean water.

Consumption:

Approx. 1.1 kg/m² per mm of render thickness.

Cleaning of tools:

Clean with water immediately after use.

Packaging:

25 kg sack



743

2 pages

PRODUCT
DATA
SHEET

Storage:

Shelf-life is 12 months under dry conditions.

Hazardous substances ordinance class:

| | |
|---------|---|
| Xi | Irritant |
| R38: | Irritating to the skin |
| R41: | Risk of serious damage to eyes |
| S2: | Keep out of reach of children |
| S22: | Do not breathe dust |
| S24/25: | Avoid contact with skin and eyes |
| S26: | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S37/39: | Wear suitable gloves and eye/face protection. |
| S46: | If swallowed, seek medical advice immediately and show this container or label. |

Transport hazard class:

n/a

Disposal:

EC Waste Code no. 17 01 01
Any residues must be emptied out of sacks before recycling.

Safety instructions:

In the presence of water, lime and cement exhibit an alkaline reaction. Protect surfaces which are not to be treated, in particular glass, ceramics, natural stone etc. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with water. Protect the eyes and skin from splashes. When using, do not eat, drink or smoke.

Keep out of reach of children.

Low on chromate according to TRGS 613.

Giscode: ZP 1

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