Product sheet

Lime Base Coat Render

Item No. 21.300

gräfix 61

- **Traditional lime render mortar**
- **Free of synthetic resins**
- **Universally applicable**

Gräfix renders are air lime mortars for historic preservation. Lime Base Coat Render is coarse-grained and suitable for historic masonry as well as all sufficiently rough mineral substrates. If required, the substrate must be professionally pretreated.

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Product data and application see reverse

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Field of Application Air lime mortar for interior and exterior rendering, provided sufficient weather protection is ensured.
Free of synthetic resins.

Composition Lime, crushed limestone sand 0–1.6 mm, and workability-enhancing additives.

Material Properties Bulk density: approx. 1,350 kg/m³. Strength corresponds to CS I according to DIN EN 998-1.

Delivery Form and Coverage Supplied in moisture-protected 25 kg bags; yields approx. 19 liters of render mortar.
Consumption approx. 1.3 kg/m² per mm of render thickness. 40 bags per pallet.

Storage Store dry on pallets or wooden racks.

Substrate Preparation The substrate must be free of dust and dirt. It must be sufficiently pre-wetted without causing standing water.

Mortar Preparation Mix with approx. 6.7 liters of water per 25 kg bag using plastering machines, free-fall mixers, pan mixers, or trough mixers. Smaller quantities may also be mixed using a power mixer.

Render Build-Up The render build-up must always consist of several layers. Each layer must be at least 6 mm thick and must not exceed 15 mm, including the filling depth of the joints.

Render Application The first layer is spray-applied so that all joints are filled and the wall surface is evenly covered. Deeper joints must be leveled beforehand, taking the maximum render layer thickness into account. Allow this layer to dry and set sufficiently, at least one day per millimeter of render thickness. Cracks may occur during this process. The second layer is then applied in the same way.

Application Temperature Substrate temperature: 5–25 °C.

Working Time Approx. 3–4 hours, depending on temperature, render thickness, and substrate absorbency.

Subsequent Treatment During drying and setting, sufficient room ventilation must be ensured; however, the render must not be allowed to dry too quickly. Suitable fine finish coats include Lime thin-layer plaster, Item No. 21.350, and Lime Finish Skim Coat, Item No. 21.400.

Notes At temperatures that are too low and humidity that is too high, the render sets only slowly and insufficiently.
Windows and building components with visible timber must be protected against contamination by lime mortar, for example by masking, as such contamination is very difficult to remove later.
The suitability of the complete render build-up must always be verified by means of a sufficiently large test application.

Claims for compensation not resulting from factory mixing errors are excluded.
Subject to changes and errors excepted. Version 2026/6.