

INTENDED PURPOSE:	Single or multiple-layer machine-applied mineral lime plaster for all indoor finishing work. Constricted able for outside. As a felt plaster or base plaster for PROKalk <i>Glätte</i> , PROKalk <i>Filz</i> and PROKalk <i>Fein</i> . Also suitable for wet rooms.
COMPOSITION/ PROPERTIES:	<p>A factory-prepared dry mortar from the CS I group according to DIN EN 998-1 on the basis of SCHAEFER hydrate of white lime, limestone sand 0 – 1.2 mm, textile fibres and a small quantity of hydraulic components. Excellent elasticity and high diffusion capability. Lime plaster regulates the humidity in a natural way for a healthy living environment. It has an antiseptic effect and is mould-resistant.</p> <p>Also suitable for highly heat insulating internal masonry on account of its fibre reinforcement and high elasticity.</p> <p>Typical values: Fire classification: A 1 Compressive strength: 1.8 N/mm² Bulk density of set mortar : 1.35 kg/dm³ Thermal conductivity λ: 0.57 W / (m·K) Water vapour permeability μ: 7 Water absorption W: W 0 Modulus of elasticity: 2100 N/mm²</p>
FORM OF DELIVERY:	In 30 kg paper sacks. In SCHAEFER silos and silo vehicles.
STORAGE:	Store dry, on wooden grids if possible and away from draughts. Can be stored for at least 9 months under the correct dry conditions.
PREPARATION:	With all usual plastering machines or with a silo mixing machine. When applying by hand, mix PROKalk <i>Grund</i> in water until ready for application. Water requirement approx. 7 l per sack. Nothing should be added apart from clean water.
YIELD:	30 kg PROKalk <i>Grund</i> = 21 l fresh mortar, yielding max. 2.1 m ² with a plaster thickness of 10 mm.
PLASTER BASE:	Must be dry, clean and free of loose particles. Film forming release agents must be removed. In the case of smooth-shuttered concrete and roughened Styrodur, MULTI 550 must be applied approx. 5 mm thick as a primer coat and combed across with a toothed trowel. Strongly absorbent bases should be pre-wetted. In individual cases, diluted primer (diluted approx. 1:4 - 1: 6 with water) can be used to prevent premature drying out.
PLASTER APPLICATION/ PROCESSING:	<p>Average plaster thickness indoors: 10 mm. For plaster thicknesses > 20 mm work in multiple layers.</p> <p>If used as a base coat it must be prepared according to the subsequent finishing coat. For the application of a coat of paint or the preparation of a felted surface, PROKalk<i>Grund</i> should be applied in two working cycles one day apart. Final coat thickness approx. 5 mm.</p> <p>If used as a base for tile laying, the surface must be roughened. Endurance before tiling at least 4 weeks. Processing time is 4-8 hours depending on the temperature and absorbency of the plaster base. Production of a smoothed surface: PROKalk<i>Grund</i> should normally be applied in a single layer, then the surface levelled and coated with PROKalk<i>Glätte</i> (see Technical Information for PROKalk<i>Glätte</i>) within 2 -3 days (later as appropriate in the case of high humidity and lower temperatures). Production of a fine felted surface: After a sufficient induration educate PROKalk<i>Fein</i> or PROKalk<i>Filz</i>.</p> <p>Do not apply the mortar at temperatures below 5° C and over 30 °C of the air or of the plastering ground.</p> <p>Until drying, the plaster should be protected from quick dehydration and frost.</p>
SAFETY NOTICE:	Mortar reacts with a heavily alkaline effect - avoid contact with the eyes and the skin. Do not inhale dust. Details are shown in the safety data sheet.

The above information is based on tests and experience and represents a general guideline. It cannot be transferred to every specific application and does not release the user from the obligation of carrying out his own tests and trials. The generally recognised and technical rules of building technology as well as relevant standards and guidelines apply. Technical information about further products and our technical consultancy service are available on request. We reserve the right to make technical changes in the interests of ongoing development. In addition, our General Terms and Conditions of Business apply. Revision date: February 2015.

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