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Das Hessler Kalksystem.

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KALK & PUTZ

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HP 900 Naturkalk-Glätte

Composition: (full material declaration)

HP 900 Natural Lime Smoothing Plaster consists of white hydrated lime, marble powder, china clay, expanded glass, cellulose fibres and a small amount of methyl cellulose and vegetable starch. Contains no titanium oxide.

HP 900 is a cement-free, mineral lime finishing plaster of mortar group **CS I according to DIN EN 998-1**. It does not contain any synthetic binders, is highly water vapour resistant and resistant to fungal and mold growth.

Application range:

HP 900 is used for exclusive, expressive **trowelling techniques** indoors. It produces fascinating finishes with a silky sheen and depth. Due to its grain-free texture, particularly smooth surfaces are obtained. Depending on the application, discreet satin finish or impressive high-gloss surfaces can be created.

Substrate:

Ideal substrates are Hessler natural lime base coats or Hessler HP 14 Kalk-Haftputz (Natural Lime Adhesive Plaster). Use HP 90 as first layer for levelling, then continue wet-on-wet with HP 900. Lime-cement plaster, cement plaster and gypsum-containing substrates (gypsum plaster, gypsum boards, gypsum plasterboard) must be primed with **HP 9500 Biogrund (Bio Primer)**. For slab substrates, we recommend using **reinforcement fabric** with **HP 14 Kalk-Haftputz (Natural Lime Adhesive Plaster)** in addition to HP 9500 Biogrund (Bio Primer). This minimises the risk of cracking due to slab movement. Prime all previously wallpapered substrates (or if bleeding of substances is suspected) with **insulating primer**. First apply HP 14 Kalkhaftputz (Natural Lime Adhesive Plaster) to concrete (free of release agents) and uneven surfaces.

Application:

Mix the contents of the bucket with **approx. 7 litres of water** and stir without lumps until the desired consistency is obtained. Use a suitable stirrer for this purpose. Allow to stand for approx. 10 minutes and stir again. Particularly highly absorbent substrates must be **pre-wetted**. The plaster thickness must be **approx. 1 mm per layer**. First apply HP 900 in one layer with a stainless steel trowel. After flash-off, apply a second layer and smooth.

If a coat of paint is desired, a **drying time of approx. 1 day / mm layer thickness** must be observed (depending on e.g. temperature and air humidity). HP 9100 Sumpfkalkfarbe (Pit Lime Paint) (also for damp rooms) and HP 9000 Kalk-Kaseinfarbe (Lime-Casein Paint) are particularly suitable as subsequent interior coating.

Consumption rate:	Application thickness: approx. 1 mm per layer (work in 2 layers) Spreading rate: approx. 12 m ² / bucket (approx. 0.5 - 1 kg / m ²) (depending on nature of substrate)
Please note:	<p>DIN 18550 and DIN 18350 must be observed for assessing and preparing the plaster base. The plaster base must be absorbent, dry and free of dust, formwork oil, etc. Plaster surfaces must be separated from wood by suitable measures. The air and/or object temperature must be above 5 °C. Pure lime mortars must be protected from frost for at least four weeks. Prevent the plaster from drying out too quickly. It may be necessary to rewet the plaster or keep it moist. Adequate ventilation must be ensured.</p> <p>We recommend applying HP 900 just before moving into the premises to avoid unnecessary damage.</p> <p>HP 900 may only be used in its original state without any admixture.</p>
Packaging unit:	12.5 kg buckets, 24 buckets / pallet Weight: approx. 300 kg / pallet
Storage:	Dry, shelf life at least 12 months in closed packaging
Quality monitoring:	HP 900 is continuously monitored in the in-house laboratory for compliance with its composition and properties.
Safety advice:	Mortar reacts strongly alkaline with moisture, therefore protect skin and eyes. In case of contact, rinse thoroughly with water. In case of eye contact, consult a doctor immediately.

For more information, please contact us by phone or in writing at:
info@hessler-kalkwerk.de, or at: +49 6222/9275-0. We will be glad to assist you!

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