

Geprüfte
Baustoffe aus
natürlichen und
nachwachsenden
Rohstoffen...

Hessler

KALK & PUTZ

Das Hessler Kalksystem.

Qualität seit 1881

Hessler Kalkwerke GmbH · 69154 Wiesloch · Postfach 1345 · Tel. 0 62 22 / 92 75-0



HP 90 SK Sumpfkalkputz

Composition: (full material declaration)

HP 90SK Pit Lime Plaster consists of pit lime, marble granules, marble powder, expanded glass, cellulose fibre and spring water. Contains no titanium oxide. **Grain size: 0.5 mm / 1.0 mm.**

HP 90SK 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 90KL is used as **decorative finishing plaster** for indoors. Due to its high capillary water absorption capacity, it has a very good moisture regulating effect. Due to its high pH value, the plaster is also suitable for **mould remediation**.

Substrate:

Ideal substrates are Hessler natural lime base coats or Hessler HP 14 Kalk-Haftputz (Natural Lime Adhesive Plaster). 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:

Stir the contents of the bucket evenly with a suitable stirrer until a creamy consistency is obtained, adding a little water if necessary. Particularly highly absorbent substrates must be **pre-wetted**. The plaster thickness must be **approx. 1 mm per layer**. First apply HP 90SK in one layer with a trowel. After flash-off, apply a second layer and rub down with a sponge float / sponge disc (fine texture) after setting. If desired, the finishing plaster can also be smoothed or brushed. 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). We recommend HP 9100 Sumpfkalkfarbe (Pit Lime Paint) as subsequent interior coating.

Consumption rate:	Application thickness: approx. 1 mm per layer (work in 2 layers) Spreading rate: grain size 0.5 mm: approx. 10 m ² / bucket (approx. 1.5 kg / m ²), grain size: 1.0 mm: approx. 8 m ² / bucket (approx. 2.3 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 90SK just before moving into the premises to avoid unnecessary damage.</p> <p>HP 90SK may only be used in its original state without any admixture.</p>
Packaging unit:	20 kg buckets, 32 buckets / pallet Weight: approx. 640 kg / pallet
Storage:	Above freezing point, shelf life at least 12 months in closed packaging
Quality monitoring:	HP 90SK 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:
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