

Geprüfte
Baustoffe aus
natürlichen und
nachwachsenden
Rohstoffen...

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HP 9 Pure Mineral Pure Mineral Naturkalk-Grundputz

Composition: (full material declaration)

HP 9PM Pure Mineral Natural Lime Base Plaster consists of natural hydraulic lime, white hydrated lime, quartz sand, limestone and clay powder, expanded glass. **Grain size: 2 mm.**

HP 9PM is a cement-free, mineral dry mortar premix of mortar group **CS I according to DIN EN 998-1**. It does not contain any synthetic binders, is highly water vapour resistant (diffusion resistance coefficient $\mu = 7$) and resistant to fungal and mold growth.

HP 9PM is free of methyl cellulose and organic binders.

Application range:

HP 9PM is used as **base plaster** for **natural stone** and **vaulted cellars** indoors. HP 9PM is free of organic components and therefore particularly suitable for substrates **exposed to moisture**.

Substrate:

Intensive pre-wetting is recommended. In the case of highly absorbent and/or smooth substrates, apply **HP 9VM Kalk-Vorspritzmörtel (Natural Lime Pre-Spray Mortar)**. Before applying HP 9PM, the HP 9VM layer must be fully dry. We recommend HP 9 / HP 9L Kalk-Grundputz (Natural Lime Base Plaster) for substrates without high moisture load.

Surfaces to be tiled must be plastered with **HP 1 Kalk-Zementputz (Lime-Cement Plaster)**. Use HP 10 for the substrate preparation.

We will be glad to help you in a personal consultation to find the right substrate preparation and the right coating system for you.

Application:

HP 9PM should preferably be processed **by hand**. To do so, mix the contents of the bag with **approx. 8 litres of water** and stir without lumps until the desired consistency is obtained. Use e.g. a free-fall mixer or a suitable stirrer for this purpose. Allow to stand for approx. 10 minutes and stir again. HP 9PM contains no methyl cellulose and therefore has only a low water retention capacity. The substrate must therefore be **sufficiently pre-wetted**, but still be **absorbent** at the same time. The plaster thickness must be

approx. 10 mm per layer. Work in two layers, apply the second layer only after setting.

Any emerging cracks can be sealed when damp, e.g. with a wooden board. Rub down the final layer and protect it from drying out too quickly. Air humidity in the room must be **permanently below 60 %**.

Consumption rate:

A 25 kg bag makes approx. 25 litres of wet mortar.

Spreading rate: approx. 1.3/1.7 m² per bag at 20/15 mm layer thickness (depending on nature of substrate)

Please note: 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. Friable and loose parts must be removed. **Efflorescence**, e.g. caused by salts, must be treated before plastering. 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.

HP 9PM may only be used in its original state without any admixture.

Packaging unit:

25 kg bags, 40 bags / pallet
Weight: approx. 1,000 kg / pallet

Storage:

Dry, shelf life at least 12 months in closed packaging

Quality monitoring:

HP 9PM 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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