

Geprüfte
Baustoffe aus
natürlichen und
nachwachsenden
Rohstoffen...

Hessler

KALK & PUTZ

Das Hessler Kalksystem.

Qualität seit 1881

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HP 9 VM Naturkalk-Vorspritzmörtel

Composition: (full material declaration)

HP 9VM Natural Lime Pre-Spray Mortar consists of natural hydraulic lime, limestone sand, limestone powder, methyl cellulose and adhesive agent (content: below 1%). **Grain size: 4 mm.**

HP 9VM 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.

Application range:

HP 9VM is used as full-coverage **pre-spray mortar** for indoors and outdoors. It improves the adhesion of subsequent plaster layers (Hessler Natural Lime Base Plaster). HP 9VM is particularly suitable for **natural stone masonry and quarry stone masonry**.

Substrate:

HP 9VM is used for masonry made of solid brick or natural stone (e.g. quarry stone, etc.). In the case of highly absorbent and/or smooth substrates in new buildings, Hessler **HP 10 Vorspritzmörtel (Pre-Spray Mortar)** or alternatively **HP 14 Kalkhaftputz (Natural Lime Adhesive Plaster)**, toothed, is required.

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

Application:

HP 9VM can be applied with all common plastering machines and be processed in all standard conveyor systems (please observe the operating instructions of the machine manufacturer). **When working by hand**, mix the contents of the bag with **approx. 10 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. It may be necessary to **pre-wet** the substrates. The application thickness of **approx. 5 mm** must not be exceeded. Observe a **drying time of approx. 1 day / mm layer thickness** before applying the base plaster (depending on e.g. temperature and air humidity).

Consumption rate:	<p>A 25 kg bag makes approx. 16 litres of wet mortar.</p> <p>Application thickness: min. 3 mm / max. 5 mm</p> <p>Spreading rate: approx. 5 m² / bag at approx. 5 mm layer thickness (depending on nature of substrate)</p>
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. 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.</p> <p>HP 9VM may only be used in its original state without any admixture.</p>
Packaging unit:	<p>25 kg bags, 42 bags / pallet</p> <p>Weight: approx. 1,050 kg / pallet</p>
Storage:	<p>Dry, shelf life at least 6 months in closed packaging</p>
Quality monitoring:	<p>HP 9VM is continuously monitored in the in-house laboratory for compliance with its composition and properties.</p>
Safety advice:	<p>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.</p>

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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