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HP 950 Tadelakt

Composition: (full material declaration)

HP 950 Tadelakt (Moroccan plaster) consists of natural hydraulic lime, white hydrated lime, marble granules, marble powder, china clay and a small amount of methyl cellulose. Contains no titanium oxide. HP 950 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 mould growth.

Application range:

HP 950 is used as **water-resistant coating** for indoors. It is therefore mainly used in bathrooms, e.g. in the **shower area**. Tadelakt HP 950 is a mineral, waterproof smooth plaster in the traditional style. The surface is burnished with smooth polishing stones. This creates impressive, shiny surfaces similar to polished stone.

Substrate:

Ideal substrates are all **Hessler lime-cement plaster** products. Other types of plaster, drywall panels and concrete substrates must be coated as follows: apply **reinforcement fabric** with a tile adhesive. After drying, apply HP 14 Kalk-Haftputz (Natural Lime Adhesive Plaster). Once dry, apply the Tadelakt coating. It may be necessary to **pre-wet** the substrate. The substrate must be solid.

Application:

Mix the contents of the bucket with **approx. 8 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 950 in one layer with a stainless steel trowel. After flash-off, apply a second layer and smooth / compact with a smoothing or Venetian trowel after setting. Then compress and burnish with a **polishing stone**. Repeat this process several times, if necessary. Before each compressing and polishing step with the polishing stone, apply **Marseille Soap** to the Tadelakt coating so that water-insoluble lime soap can form. The polishing stone must be made of hard, dense rock. One side of the stone must be smooth and polished. There are many other tools for working with Tadelakt (e.g. wooden rubbing boards, plastic trowels, stainless steel trowels, etc.). The choice of the appropriate tool depends on the circumstances and the processing technique (surfaces, corners, personal readiness to experiment, etc.).

Consumption rate:	Application thickness: approx. 1 mm per layer Spreading rate: approx. 20 m ² / bucket (approx. 1 kg / m ²) (depending on nature of substrate and application technique)
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. 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 950 just before moving into the premises to avoid unnecessary damage.</p> <p>It is recommended create sample surfaces before starting work as the application of Tadelakt requires a high level of craftsmanship.</p> <p>HP 950 may only be used in its original state without any admixture.</p> <p>Tadelakt must be able to dry out completely once a day. HP 950 is not suitable for permanently damp substrates.</p>
Packaging unit:	20 kg buckets, 24 buckets / pallet Weight: approx. 480 kg / pallet
Storage:	Dry, shelf life at least 12 months in closed packaging
Quality monitoring:	HP 950 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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