

Shell limestone lower plaster mortar

MuKa UP

Lower plaster in shell limestone – plastering system.



Application areas:



Lower plaster in indoor and outdoor areas on natural stone masonry, brick masonry, combined masonry, etc.
Also suitable for permanently dry, gypsum-based masonry.

- For indoors and outdoors.

Properties:

- Mineral
- Easy to process
- Frost-resistant

Material basis:

Binder made of shell limestone from washed, burned and slaked sea-shells and pozzolan.
Selected aggregate from tested deposits acc. to EN 13139.

Technical data:

Standard plaster mortar	acc. to DIN EN 998-1
Strength class	CS I Wc0
Aggregate size	up to 4 mm
Processing temperature	+5 °C to +30°C (air, building and material temperature)

Substrate preparation:

The plaster base must be solid, load bearing, clean, frost-free and dry. Low-strength surface layers and, dust, loose parts, separating agents, paint residues, etc. must be removed.
Always test/prepare the plaster base and apply the plaster according to VOB/C-ATV-DIN 18350 and DIN 18550.
Pre-wet the lower plaster well according to its absorbency.
Perform pre-spraying with shell limestone pre-spraying mortar MuKa VSM.

Working:

When working by hand, mix the mortar with approx. 5,2 liters of clean water per package.
Apply 15 mm thick using the trowel throwing method.
After application, peel off evenly and nest-free.
Do not mix with other substances.
For machine processing we recommend PFT G4 or PFT Ritmo.
For machine processing, make sure that the screw and screw jacket are suitable for the maximum aggregate size.
To avoid color differences due to weathering and processing only use material of the same batch number and only process whole containers for one surface.

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Post-treatment:	Protect the fresh mortar against drying out prematurely, driving rain and frost; use foil if necessary. For optimum hardening, the plaster surface must be moistened several times with a fine water mist (hose with fine nozzle) during the first 1-2 days after application. Avoid water running down the surface due to overwatering.
Material consumption:	15 mm plaster thickness ca. 1.3 m ² per packaging unit
Packaging:	<ul style="list-style-type: none"> • 30 kg bag, 42 bags/pallet
Storage:	<ul style="list-style-type: none"> • Protected from weather and dry on wooden racks or pallets • Storable in closed rooms for up to 12 months.
Waste management:	Hardened product remainders to be wasted as common rubble under code no. 17 09 04.
Cleaning:	Immediately clean containers, tools, etc. with water. Cleaning is only possible by mechanical means once the product has hardened
Safety notes:	<ul style="list-style-type: none"> • Keep out of the reach of children. • Additional information: see safety data sheet.
Notes:	<ul style="list-style-type: none"> • The technical data refer to +20 °C and 50 % relative humidity. Lower temperatures extend, higher temperatures shorten the specified values. • While the product is setting, protect it against direct sunshine, draughts, frost, rain as well as too high (> 30 °C) and too low (< 5 °C) temperatures. • Do not stir already setting mortar again with water. • Only use stainless steel tools for processing. • To avoid differences in color due to weathering and processing, only use whole containers and create continuous plaster surfaces fresh in fresh without breaks. • During execution of work the relevant recommendations and guidelines, rules and standards, as well as the acknowledged rules of architecture and engineering have to be regarded. • We recommend in particular to observe the following regulations: DIN 18550, 18350 and DIN EN 998-1. • Only selected and continuously tested raw materials are used in the manufacturing process. The washed seashells used for manufacturing shell limestone are subject to slight colour variations. These colour fluctuations are a feature of the natural raw materials and should not be regarded as a defect in the product. • In cases of doubt, create trial areas.
Quality control:	Subject to constant internal and external monitoring. Production and WPK are certified according to DIN EN ISO 9001.

During execution of work the relevant recommendations and guidelines, rules and standards, relevant technical instruction leaflets as well as the acknowledged rules of architecture and engineering have to be regarded. We do not have any influence on different weather/substrate and object conditions. Our written and spoken application/technological recommendations handed out to customers and craftsmen respectively are without obligation and do not constitute any contractual legal relationship and no lateral duty of a sales contract. All indications and recommendations of technical data sheets refer to standard purpose of use. With the publication of this technical instruction sheet, the previous ones lose their validity. This is a translation. Please refer in any case of misunderstanding the relevant German technical data sheet. ed. 08.02.2023