

Shell limestone roofing mortar

MuKa DDM

For laying and spreading roof tiles, monk and nuns.



Application areas:



With shell limestone roofing mortar MuKa DDM, strongly, moderately and weakly absorbent roof tiles can be processed with each other as well as with masonry.
For new and old buildings.

- For indoors and outdoors

Properties:

- Mineral
- Fiber reinforced
- Easy to process
- Frost-resistant
- Possesses adequate compressive and tensile strength
- Good elasticity properties
- Slow, steady post-hardening counteracts crack formation

Material basis:

Cement-free Binder made of shell limestone from washed, burned and slaked seashells and pozzolan.
Selected aggregate from tested deposits acc. to EN 13139.
Fibre-reinforced

Technical data:

Standard masonry mortar	acc. to DIN EN 998-2
Mortar class	M 2,5
Aggregate size	up to 4 mm
Processing temperature	+5 °C to +30°C (air, building and material temperature)

Substrate preparation:

Roof tiles must be free from frost and contamination.
Glazed tiles must be roughened.

Working:

Mix the content of one or more bags with the specified volume of water to achieve a highly flexible mortar and process within two hours.
Highly absorbent roof tiles should be pre-wetted accordingly.
Do not mix with other substances.
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.

Post-treatment:

Protect the fresh mortar against drying out prematurely, driving rain and frost; use foil if necessary.

Material consumption:

30 kg = ca. 19.0 liter of ready-to-use mortar

Packaging:

- 30 kg bag, 42 bags/pallet

Storage:

- Protected from weather and dry on wooden racks or pallets
- Storable in closed rooms for up to 12 months.

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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. • 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. • The requirements of DIN EN 998-2 apply. • 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. 09.06.2023