

Shell limestone grouting mortar

MuKa VPS

For manufacturing grouting and casting mortar.



Application areas:



Shell limestone grouting mortar Muka VPS is suitable for crack and cavity filling, particularly for historic buildings and for masonry restoration.

- For indoors and outdoors.

Properties:

- Mineral
- Easy to process
- Frost-resistant

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.

Technical data:

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| Standard plaster mortar | acc. to DIN EN 998-2 |
| Mortar class | M 5 |
| Aggregate size | up to 0.5 mm |
| Processing temperature | +5 °C to +30°C (air, building and material temperature) |

Working:

Mix in a clean vessel with clean, cold tap water until lump-free and of a consistency suitable for processing.
We recommend using a spiral or double-disc stirrer.
Suitable machines (e.g. screw or piston pumps) can be used for backfilling or grouting.
Adjustment of the desired consistency with the addition of clean water.
We recommend filling through pipes installed in the wall. When grouting, work with masonry packers.
The grouting pressure must be controlled depending on the strength of the masonry. To avoid overpressure, work with pressure manometer or bypass for safety reasons.
The consistency of the grouting mortar must be adjusted to the conditions of the structure.
Do not mix with other substances.

Post-treatment:

Protect the fresh mortar against drying out prematurely, driving rain and frost.

Material consumption:

25 kg = ca. 18.0 liter of ready-to-use mortar
Addition of ca. 7.5 liter of clean water for each packaging unit.

Packaging:

- 25 kg bag, 42 bags/pallet

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| 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. 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