

weber.mix 617

Thin-bed mortar

Thin-bed mortar for assembling plane masonries and for gluing plane lime sandstones

Fields of application

For assembling plane masonry stonework (precision-calibrated blocks) with high shear strength. Also convenient for gluing plane lime sandstones.

Description

weber.mix 617 is a factory-mixed dry mortar according to EN 998-2.

Composition

Cement, selected mineral aggregates, additives

Main features

- high bonding strength
- high yield
- largest grain size 2 mm

Technical values

Application temperature:	+5°C - +30°C
Powder bulk density:	1.510 kg/m ³
Compressive strength (28 days):	> 10 N/mm ²
Mortar class:	M 10 (EN 998-2)
Mortar group:	DM (DIN 18550)
Reaction to fire:	A 1 (non-combustible)

Quality control

weber.mix 617 is subject to a regular quality control according to EN 998-2.

General notes

- Observe the recommendations of the stone manufacturers.
 - Refer to the national standards and/or guidelines (for ex. DIN 18 550). If not issued and if requested, request technical advice.
 - Temperature of air, materials and substrate during application and drying: $\geq +5^{\circ}\text{C}$ - $\leq +30^{\circ}\text{C}$
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Special notes

- The use of antifreeze agents and de-icing salts is not permitted.
 - Do not add any foreign substances during mixing and application.
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Substrate preparation

- Remove dust and loose particles from the upper side of stones.
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Working instructions

- Mix the bag content (25 kg) with water, using an appropriate stirrer, until a lump-free and suitable consistency is obtained.
- Apply weber.mix 617 with a thin-bed mortar trowel (plane stone trowel), a roller or a slide (mortaring device).
- The masonry stones are placed onto the fresh mortar and put into right position (plumb and tightly adjusted), so that joints with a thickness of 1 - 3 mm will come up.
- For laying lime sandstones the use of a slide (mortaring device) is mandatory.
- The laying of stonework must be carried out rapidly.
- After application of the mortar adjustments of the stone position are possible within only approx. 7 minutes.
- Aftercare: protect the masonry from heavy rain, strong sunlight and frost, for ex. with protection foils.

Practical information

Colours:

light

Water demand:

26% - 32%, depending on production site and required consistency

Tools:

Thin-bed mortar trowel (plane stone trowel), roller, slide (mortaring device)

Storage:

The product can be stored up to 12 months in its original unopened packaging, if kept dry and protected from moisture.

Consumption / yield

depending on application: approx. 20 liters / 25 kg

Consumption: refer to the chart herebelow.

Stone type	Length in mm	Depth in mm	Width in mm	Consumption approx. kg/m ²
Calibrated stone	498	115	248	2
Calibrated block	498	115	498	1
Calibrated stone	248	175	248	3.1
Calibrated block	498	175	498	1.6
Calibrated stone	248	240	248	4.3
Calibrated block	498	240	498	2.1

Packagings

Type	Sales unit	Number / euro-pallet
Paper bag	25 kg	48 bags

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.