

weber.mix 614

Trass lime masonry mortar

Masonry mortar with trass lime for historic masonries

Fields of application

As masonry mortar for the restoration of historic masonry and natural stone masonry.
Also for the new construction with ecological wall-building materials in gardening and landscaping works.
Furthermore for use in the renovation of listed masonries.
Can be also used in the renovation of historic masonries, using the dry process.
For facing masonries and facing brickwork.
For use indoors.

Description

weber.mix 614 is a factory-mixed dry mortar according to EN 998-2.

Composition

Cement, trass, limestone powder, classified mineral aggregates, additives

Main features

- easy application due to its trass content
- smooth consistency
- nearly excludes all risks of lime efflorescence
- high yield
- compressive strength 2.5 N/mm² - class M 2.5 (EN 998-2) or NM II (DIN 18550)
- for use indoors

Technical values

Application temperature:	+5°C - +30°C
Pot life:	approx. 2 hours at +20°C
Powder bulk density:	1.650 - 1.740 kg/dm ³ , depending on production site
Compressive strength (28 days):	> 2.5 N/mm ²
Mortar class:	M 2.5 (EN 998-2)
Mortar group:	NM II (DIN 18580)
Reaction to fire:	A 1 (non-combustible)

Quality control

weber.mix 614 is subject to a regular quality control by external monitoring and self-monitoring according to EN 998-2.

General notes

- The evenness of the substrate must comply with the allowed tolerances (variations) defined by the national standards and/or guidelines (for ex. DIN 1053 "Masonry"). If necessary, take the appropriate remedial measures for levelling unsuitable substrates; if in doubt, request technical advice.
- Temperature of air, materials and substrate during application and drying: $\geq +5^{\circ}\text{C}$ - $\leq +30^{\circ}\text{C}$

Special notes

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

Substrate preparation

- The substrate must be clean, solid and frost-free.
- Pre-wet highly absorbent stones.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Mix the bag content (25 kg) with water, until a lump-free and suitable consistency is obtained, using a forced-action or a free fall mixer.
- After mixing the mortar consistency must be earth-moist, when installing natural stones.
- Apply weber.mix 614 with flat trowel and lay the natural stones
- The product can also be used with spray equipment for dry-processed mortars.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.
- Aftercare: protect the mortar against rain, strong solar radiation and frost, for ex. with protective foils.

Practical information

Water demand:

14.5% - 16%, depending on production site and required consistency

Tools:

Forced-action or free fall mixer, flat trowel, spray equipment for dry-processed mortars

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. 14 liters / 25 kg

Packagings

Type	Sales unit	Number / euro-pallet
Paper bag	25 kg	42 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.