

weber.mix 664

Trass thick-bed mortar

For laying factory natural stone slabs, polygonal slabs and paving stones in thick-bed method

Fields of application

For the laying of natural stone slabs, polygonal slabs as well as paving stones, using the thick-bed method.

For use in residential and commercial constructions as well as in stones constructions in garden and landscaping works.

For use indoors and outdoors.

Description

weber.mix 664 is a factory-mixed mineral dry mortar.

Composition

Cement, trass, quartz sand, fillers, selected additives

Main features

- reduced risk of lime efflorescence
- contains trass
- optimum stability
- grain size 0 - 4 mm
- compressive strength 10 N/mm²: class M 10 (EN 998-2) or NM III (DIN 18550)
- for indoors and outdoors

Technical values

Application temperature:	+5°C - +30°C
Pot life:	approx. 2 - 3 hours
Compressive strength (28 days):	> 10 N/mm ²
Flexural strength (28 days):	> 4 N/mm ²
Reaction to fire:	A 1 (non-combustible)

Quality control

weber.mix 664 is subject to a regular quality control by self-monitoring.

General notes

- All characteristics mentioned in this data sheet are based on a temperature of +23°C without draught and a relative humidity rate of 50%.
 - High temperatures and low humidity rates accelerate, low temperatures and high humidity rates delay the drying process.
 - Temperature of air, materials and substrate during application and drying: +5°C - ≤ +30°C
 - Do not process already stiffened material.
 - For the installation of natural or artificial stone slabs, observe the prevailing installation recommendations of the manufacturer. If in doubt, carry out a test on a trial area.
 - Do not add any foreign substances during mixing and application.
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Substrate preparation

- The substrate must be sufficiently load-bearing, solid, clean, dry, dimensionally stable and free of all adhesion-impairing particles and substances.
 - Concrete substrates must be free of cement laitance.
 - Remove oil, grease, wax and care product residues. Use weber.sys 894 for oil and fat stains.
 - Concrete or cement screed must be pre-wetted until dull-moist.
 - The substrate preparation must be adapted to the specific job site conditions.
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Working instructions

- Mix the bag content (25 kg) with water, using a forced-action or double helix agitator. until a lump-free and suitable consistency is obtained.
- The amount of water depends on the required consistency.
- First mix the trass bondcoat weber.mix 663 with approx. 50% by weight of water; apply in a slurry consistency with a broom full-surface.
- Afterwards lay weber.mix 664 with a flat trowel in a thickness of 12 - 40 mm onto the fresh bondcoat weber.mix 663 and level out with levelling beams.
- Depending on the size of natural stone slabs, polygonal slabs or paving stones, apply weber.mix 663 again in slurry consistency, using a brush, either on their backside or on the fresh thick-bed mortar weber.mix 664.
- Use levelling aids for adjusting large-size slabs on the mortar surface; put in the right height and level using a rubber mallet.
- Grouting works can begin after the mortar has dried out (after approx. 24 hours).
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Practical information

Colours:
natural grey

Application thickness:
12 mm - 40 mm

Water demand:
10.5% - 14%, depending on production site and required consistency

Tools:
Forced-action mixer or double helix agitator, broom, brush, flat trowel, levelling beams, rubber mallet, sponge

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

Technical Data Sheet



Consumption / yield

approx. 14 liters / 25 kg = approx. 17 kg/m² per cm layer thickness

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.