

weber.rep 763

Quick-setting patching mortar

Shrinkage-compensated, quick-setting and polymer-modified patching mortar for fair-faced concrete

Fields of application

As fine-graded cement-based patching mortar for levelling surface defects (honeycombs, voids, cavities, broken edges) on fair-faced concrete, prefabricated concrete units, cement renders, bare masonries (unrendered) on walls and ceilings.

To be used unblended for thicknesses up to 5 mm and blended with quartz sand (0 - 2 mm) for thicknesses applications from 5 mm up to 10 mm.

Furthermore, for closing cracks with approx. 1 mm width.

For use outdoors and indoors.

Description

weber.rep 763 is a factory-mixed and shrinkage-compensated dry mortar.

Composition

Cement, polymer resins, fillers

Main features

- shrinkage-compensated
- polymer-modified
- quick setting
- enables finishing works down to "feather edge"
- for use outdoors and indoors

Technical values

Application thickness:	unitary layers (unblended) up to 5 mm; unitary layers (blended) 5 - 10 mm
Application temperature (air and substrate):	+5°C - +30°C
Pot life:	approx. 20 minutes
Powder bulk density:	approx. 1.2 kg/dm ³
Fresh mortar density:	approx. 1.8 kg/dm ³

Quality control

weber.rep 763 is subject to a regular quality control by self-monitoring.

General information

- All characteristics mentioned in this data sheet are given for a temperature of +20°C, without draft and a relative humidity rate of 70%.
 - High temperatures and low humidity rates accelerate, low temperatures and low humidity rates slow down the setting process.
 - After completion of aftercare operations (min. 2 days) weber.rep 763 can be painted over with a **Weber** concrete protection system (weber.tec 771 or 772).
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Special notes

- For thicker layers > 5 mm up to 10 mm, mix the mortar with quartz sand (0 - 2 mm).
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Substrate preparation

- The substrate must be solid, load-bearing and free of contaminants, loose and sandy particles.
 - Pre-wet the substrate until dull-moist.
 - The substrate preparation must be adapted to the specific job site conditions.
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Working instructions

Mixing

- Pour water in a clean and suitable mixing vessel and add the powder (not vice versa).
- Mix the bag content (20 kg) with approx. 4.2 liters of water until lump-free. Use an electric drill and the stirrer weber.sys Rührpaddel no. 3.
- In case of application between 5 - 10 mm thickness, mix 3 parts by volumes weber.rep 763 with 1 part by volume silica sand (0 - 2 mm).

Application

- Apply the mortar onto the dull-moist substrate in the required thickness either up to 5 mm (without quartz sand) or between 5 mm - 10 mm (with quartz sand) in one operation, using a flat trowel or a spatula.
- Prior to setting, smooth the mortar with a wooden float or a damp, fine-pored sponge.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Aftercare

- Avoid exposure to frost, excessive sunlight and draughts in order to protect from too rapid drying out (dehydration); take appropriate measures for keeping wet by covering with polyethylene foils or textile membranes, or by mist-spraying.
- Do not spray water over the fresh mortar surface.
- After completion of aftercare operations (min. 2 days) weber.rep 763 can be painted over with the concrete protection systems, such as the paint weber.tec 771 or the flexible coating weber.tec 772. Both products provide a long-term carbonation-retardant effect and a uniformly coloured finish design of the repaired areas.

Practical information

Colours:

medium grey

Application thickness:

unblended: up to 5 mm

blended with quartz sand: 5 mm - 10 mm

Water demand:

approx. 4.2 liters / 20 kg

Drying time:

approx. 40 minutes

Tools:

Electric drill + stirrer weber.sys Rührpaddel no. 3, flat trowel, spatula, fine-pored sponge, wooden float

Storage:

The product can be stored at least 9 months in its original unopened packaging, if kept dry.

Consumption / yield

per mm layer thickness: approx. 1.6 kg/m²

Packagings

Type	Sales unit	Number / euro-pallet
Paper bag	20 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.