

## weber.rep 762

### Fine-graded levelling and patching mortar

#### Quick-setting filler for levelling and repair works on concrete and fair-faced concrete

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##### Fields of application

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For urgent levelling and repair works on concrete and prefabricated concrete parts.  
For filling cavities, honeycombs, gravel pockets, cavities, or broken edges and defective small areas. Convenient on walls and ceilings. Both delivered colours can be mixed together in order to match the shade of the non-repaired concrete surfaces.  
For use indoors and outdoors.

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##### Description

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weber.rep 762 is chloride-free and quick-setting binder patching mortar with extremely early load-resistance.

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##### Composition

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Quick-setting cement, fillers

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##### Main features

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- low tension during hardening process
- polymer-modified
- excellent bonding strength
- delivered in 2 colours, allowing to match with existing concrete shade
- can be coated after approx. 40 minutes
- for use indoors and outdoors

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## Technical values

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Application thickness:	unblended up to 5 mm; blended with sand (0 - 4 mm) up to 10 mm
Application temperature:	> +5°C - +30°C
Pot life:	approx. 25 minutes
Powder bulk density:	approx. 1.5 kg/dm <sup>3</sup>
Flexural strength (28 days):	approx. 5 N/mm <sup>2</sup>
Compressive strength (28 days):	approx. 30 N/mm <sup>2</sup>

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## Quality control

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weber.rep 762 is subject to a regular quality control.

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## General notes

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- Limits of use: do not use weber.rep 762 for the repair of large-size concrete structures where a thickness of several centimetres is required. In this case use the repair mortar & resurfacing mortar weber.rep R4 duo.
  - All characteristics mentioned in this data sheet are given for a temperature of +20°C without draught and a relative humidity rate of 70%.
  - Do not add water when the product has already stiffened, as this will cause crack formation.
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## Special notes

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- Do not add any foreign substances during mixing and application.
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## Substrate preparation

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- The substrate must be clean, load-bearing, sufficiently absorbent and rough.
  - Remove formwork oil residues or loose cement laitance.
  - Prior to application, 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

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### Mixing

- Pour water in a clean and suitable mixing vessel and add the powder (not vice versa).
- Adjust the mixing quantity according to the pot life; heat shortens, cold delays the setting process.
- The material must be mixed quickly, using an electric drill and the stirrer weber.sys Rührpad-del no. 8, until lump-free and trowel-grade consistency; a too long stirring will stop the setting process and the mortar will become unusable.

### Application

- In case of use without sand, apply weber.rep 762 up to 5 mm thickness.
- In case of use with sand for the repair of defective areas or broken edges > 0.1 dcm<sup>3</sup>, mix 1 volume of sand (0 - 4 mm) and 2 volumes of weber.rep 762; thicknesses up to 10 mm are possible.
- Use a flat trowel or a spatula for patching works.
- After approx. 20 minutes (according to temperatures) smooth the layer, using a wet hard foam float or a sponge rubber float.
- After approx. 40 minutes the product can be painted over, if necessary.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically

### Aftercare

- Avoid exposure to frost and to 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.

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## Practical information

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**Colours:**

dark grey, white grey

**Application thickness:**

unblended: up to 5 mm blended with sand (0 - 4 mm):  $\geq 12$  mm

**Drying time:**

load-resistant after 40 minutes

**Tools:**

Electric drill + stirrer weber.sys Rührpaddel no. 8, flat trowel, spatula, hard foam float,

sponge rubber float

**Storage:**

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

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## Consumption / yield

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at 1 mm layer thickness: approx. 1.8 kg/m<sup>2</sup>

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## Packagings

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Type	Sales unit	Number / euro-pallet	Colours
Plastic bucket	10 kg	40 buckets	dark grey
Plastic bucket	10 kg	40 buckets	white-grey

*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.*