

weberep repair mortar GP

weberep repair mortar GP use for repair concrete facades, spalling, honeycombing and restructuring balconies, terraces, walls and cornices.

- 2 - 35 mm. thickness application.
- Good bonding strength.
- Suitable for pre-cast, cast insitu, masonry and plastering surface.



Product detail

weberep repair mortar GP is pre-mixed, non-shrink, fiber-reinforced, cementitious mortar. Suitable for concrete, precast, masonry and plastering substrate. Can use to repair concrete facades, spalling, honeycombing and restructuring balconies, terraces, walls, cornices with 2-35 mm. thickness.

Consumption

Approximate 2 kg. of powder per 1 liter of mortar or 16 kg./m² at 10 mm. thickness.

Packaging

Bucket 5 kg.

Color

Grey (natural cement)

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Surface preparation

- The surface must be free from oil, grease, paint and dust.
- The rebars should be free from rust, oil and grease.
- Remove all loose, unsound, contaminated concrete or laitance from the patch area.
- Brush, scrape or sandblast corroded rebars in order to remove non-adherent rust.
- Dampen the substrates with clean water to reduce water absorption.

Application

- Put the right proportion of clean water in the mixed container.
- Mix approximately 19-20% of water (0.95-1 liter) with 1 bucket (5 kg.) of **weberep repair mortar GP** or **weberep repair mortar GP** : water = 3.7 : 1 by volume
- Mix at the same time by using slow speed (<500 rpm) electrical mixer or hand-mixed by trowel in case of a little use.
- Leave the mortar at least 3-5 minutes.
- Apply by a trowel in 1 or 2 coats, pressing firmly to ensure bonding.
- When apply at the corner, use 2 trowel or install one side of formwork to prevent the mortar leak.
- Intervals between coats should be 2 to 3 hours.



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Uses and advantages

- Repair of chipped column, beam and floor.
- Repair of spalling and honeycombing on concrete surface.
- Repair footpath area.

Recommendations

- Do not add any admixtures or other materials.
- Do not add more water when the mortar is setting and should use within 2-3 hours.
- After finishing, protect the mortar from drying out by using the relevant curing method at least 3-7 days.

Shelf life and storage:

One year after manufacturing date when stored unopened in dry and ventilated place (store airtight in dry and ventilated conditions, if remained in opened bucket).

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Technical Data

Properties	weberep repair mortar GP
Density	1.35 kg./liter
Chemical curing time	3-5 mins
Pot life	2 hours
Application temperature	5-35 degree Celsius

Standard Test

Properties	weberep repair mortar GP
Compressive strength ASTM C109	>240 Ksc
Flexural Strength ASTM C348	6 N/mm ²
Setting time EN 195-3	
Initial setting time	2 hours
Final setting time	3 hours

