

weber.rep MA 200

Structural repair mortar

Technical Data Sheet

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■ Description

Cement based, high resistant, polymer and fiber added, water impermeable structural repair mortar.

■ Advantages

- High adherence and resistance in a short time after the application.
- Opportunity of high resistant and water impermeable beveling and surface leveling, before water isolations.
- Surface repair and leveling of high resistant concrete components.
- Filling tie-rod gaps.
- Thixotropic feature.

■ Range of application

- It is used as a high resistant, impermeable, beveling, repairing and leveling mortar before the waterproofing or final coating at the interiors or exteriors and on ground and underground or underwater level of all building types. Also applicable at the repair of the reinforced concrete together with **weber.rep AD**.

■ Application substrates

- Interiors and exteriors;
 - Cement based renders
 - Concrete
- Please consult us for all other application substrates.

■ Limits of application

- Can't be applied on gypsum, old painted substrates, gas concrete, stone and stone wall.

■ Application properties

- Pot life: approximately 25 min. (varies depending on temperature).
- Application layer thickness: min. 5 mm max. 40 mm (for local repairs)
- Time between layers: 3 hours
- Time to offer for the service: approximately 24 hours
- Full curing time: 28 days

■ Performance

- Compressive strength > 25 N/mm² (after 28 days)
- Adhesion strength > 1,5 N/mm² (after 28 days)
- Conforms to EN 1504-3 standard / April 2008-R3 Class.

■ Reference standards

- Public Works Pos. No: 04.613/3b

■ Attention points

- The substrate should be damped 2-3 days after the application, after substrate levelling.

■ Preparation of substrates

Concrete substrates:

- The substrate should be clean, dry and free from mold oils.
- The substrate should be checked with hammer for the low adherence substrate. Weak parts should be removed from the substrate.
- The top part of rusted reinforcement bars should be uncovered.
- The substrate should be damped before the application, it should be saturated with water under very hot and windy weather.

Reinforcement bars:

- Rust on the bar should be damped via steel wire brush and cleaned from dust.
- The contact of reinforcement bars with concrete should be prevented and **weber.rep AD** anti-corrosive bonding coat and primer in 2 coats should be applied.
- Next application should be done wet on wet.

■ Conditions of application

- The surface and ambient temperature should be between +5 °C and +30 °C.
- Avoid application in strong wind or sun.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.

■ Application

- Average 4,25- 4,75 lt. clean water should be added in 25 kg bag **weber.rep MA 200** in the pot.
- **weber.rep MA 200** should be mixed with low-speed mixer until homogeneous state is achieved. The mixture should be aged for 2 minutes before the application.

Substrate leveling:

- If **weber.rep MA 200** is applied as leveling render, the substrate should be moisturized before and it should be applied on the substrate with the trowel as it will form max. 10 mm layer. Avoid adding water in the mortar, begin about to harden.
- **weber.rep FN** the structural repair finishing mortar, should be used for very smooth substrates.

Bevel formation:

- **weber.rep MA 200** at plastic consistency is beveled in joints of substrate wall as max. 40 mm radius with beveling trowel.
- After the material hardens, water proofing can be done with polymer-bitumen based or cement based material.

■ Consumption

1,9 kg/m² (for 1 mm layer thickness).

■ **Packaging**

25 kg bags
(64 units in pallet, 1600 kg).

■ **Pallet size**

107 x 107 cm.

■ **Color**

Grey.

■ **Application tools**

Hand mixer, steel trowel, spatula, finishing trowel, steel wire brush.

■ **Shelf life**

6 months as of the production date in dry and moisture-free environment provided that packages will not be opened.
Package should be kept tightly closed when not in use.

FOR INFO

- The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.
➤ **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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