

weber.tec RM2

High performance thick repair and levelling mortar

Technical Data Sheet

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■ Description

Cement based, polymer modified, high performance thick repair and levelling mortar for concrete.

■ Reference standards

TS EN 1504-3/April 2008 - R2 class

■ Advantages

- Perfect adherence on concrete and rendered substrates
- Easy application on wide substrates with easy levelling feature
- Resistance against climate conditions and water
- Suitable for vertical and horizontal repairs on concrete structure components

■ Application areas

Used as concrete repair mortar on walls and ceilings of interiors and exteriors of all buildings. Also, used as repair mortar before granite and tiling applications.



■ Application substrates

Interiors and exteriors;

- Cement based renders,
- Concrete,

Please consult us for all other application substrates.

■ Preparation of substrates

- The substrate should be free from mold oils; be clean, sound and damp.
- The substrate should be dampened before the application; saturated with water in extremely hot and windy weathers.

■ Application conditions

- Ambient and surface temperature between +5°C and +30°C.
- Avoid application under strong wind or direct sunlight.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

■ Application

- Mix 25 kg bag of **weber.tec RM2** with average of 3.25 - 3.75 litres of clean water.
- **weber.tec RM2** should be stirred to a homogenous consistency using a trowel or low-speed mixer. The mixture should be aged 2 minutes before application.
- **weber.tec RM2** is applied on the substrate using steel trowel or scraper. Avoid adding water to hardening mortar.
- If the application will be made in multiple coats, 3 hours of waiting time required between the coats and the substrate should be dampened before starting the next coat.
- The substrate should be polished at least 2 hours later; plastic trowel or damp sponge should be used for extra smooth substrates.
- Dampen the substrate for 2-3 days after the application.

■ Application tools

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

■ Consumption

2.00 kg/m² (for 1 mm application thickness)

■ Points of attention

- Dampen the substrate for 2-3 days after the application.
- Not applicable on gypsum, old painted substrates, aerated concrete blocks, stone, stone walls and hollow bricks.

■ Technical specifications

PRODUCT	weber.tec RM2
Product structure	Powder
Colour	Grey
Mortar density	1.90±0.1 gr/cm ³
Mixing ratio	25 : 3.5 (weber.tec RM2 : water)
Pot-life	Approx. 60 minutes
Time to wait between coats	3 hours
Application thickness	5-20 mm
PERFORMANCE	
Compressive strength	≥15 N/mm ²
Flexural strength	≥3 N/mm ²
Bonding strength	≥1.0 N/mm ²
Soluble chloride ingredient	<0.05%
Reaction to fire	A1

■ Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information.

LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

■ Storage

Packaging	25 kg kraft bag (64 bags per pallet, 1,600 kg)
Palette size	107x107 cm
Colour	Grey
Shelf life	<ul style="list-style-type: none">• 1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.• Packages should be kept tightly closed when not in use.

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

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