

# weber.rep grout rapid

## Rapid setting grout mortar with rapid setting feature

Technical Data Sheet  
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### ■ Description

Cement based, rapid setting, high-flow, non-shrinking, resistant to weather conditions, water impermeable grout mortar.

### ■ Advantages

- High adherence and resistance right after the application
- High-flow structure, settles itself without any shrinkage
- Rapid setting in 20 minutes, opening to traffic after 1 hour

### ■ Application areas

**weber.rep grout rapid** is used for mouting, repairing and raising manhole bearings; repairing runways and platforms, concrete floors exposed to vehicles and traffic, kerbs and pavements which require very short time to be opened.



### ■ Application substrates

- Interior and exteriors;
- Cement based screed
  - Concrete floor
  - Prefabricated concrete

Please consult us for all other application substrates.

### ■ Preparation of substrates

- Application substrate should be clean and sound; free from dirt, dust and weak particles.
- Application mould should be fixed, sealed and cleaned well.
- If the application is made on old concrete, dampen the substrate before the application. Avoid small water pondings.
- The material should be prepared in the amount to be used considering pot life.

### ■ Application conditions

- Ambient 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.rep grout rapid** with average of 3.75 - 4.25 litres of clean water. Mixing water should be between 20°C and 25°C.
- **weber.rep grout rapid** should be mixed with a low-speed mixer to a homogenous consistency for 3 minutes.
- Do not add water to the hardening mortar. Consider that the setting time gets shorter in high temperatures.
- **weber.rep grout rapid** in fluid form should be poured to the mould prepared.
- After the application, wash all equipment used before drying with clean water.

### ■ Application tools

Hand mixer, steel trowel

### ■ Consumption

2.10 kg/m<sup>2</sup> (for 1 mm application thickness)

### ■ Points of attention

- Mixing water should be between 20°C and 25°C.
- Wide open substrates exposed to external weather conditions should be protected against sun light and wind using **weber kür A** or covering the substrate with curing blanket for 48 hours.
- After the application, wash all equipment used before drying with clean water.

## ■ Technical specifications

PRODUCT	weber.rep grout rapid
Product structure	Powder
Colour	Grey
Mortar density	2,25±0,1 g/cm <sup>3</sup>
Mixing ratio	25 : 3,75-4,25 ( <b>weber.rep grout rapid</b> : water)
Pot-life	Approx. 10-15 minutes
Application thickness	Minimum 10 mm Maximum 40 mm
Service time	1 hour
Full curing time	28 days
PERFORMANCE	
Compressive strength	≥15 N/mm <sup>2</sup> (1 day)
	≥28 N/mm <sup>2</sup> (24 hours)
	≥45 N/mm <sup>2</sup> (7 days)
	≥60 N/mm <sup>2</sup> (28 days)
Flexural strength	≥4,5 N/mm <sup>2</sup> (24 hours)
	≥7,5 N/mm <sup>2</sup> (28 days)
Adherence strength	≥2 N/mm <sup>2</sup>
Contraction expansion	≥2 N/mm <sup>2</sup>
Soluble chloride ingredient	≤%0,05
Dangerous materials	NPD
Reaction to fire	AI

## ■ 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, 1600 kg)
Palette size	107x107 cm
Colour	Grey
Shelf life	<ul style="list-style-type: none"><li>• 6 months from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.</li><li>• Packages should be kept tightly closed when not in use.</li></ul>

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

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