

weber.rep grout

High fluid, non-shrinking, structural grout mortar

Technical Data Sheet

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■ Description

Cement based, high performance, high fluid, non-shrinking, and climates features resistant grout mortar.

■ Advantages

- High adherence and resistance in a short time after the application.
- Highly fluid and settling itself and without shrinking.

■ Range of application

- **weber.rep grout** is applied at steel structure, prefabricated structure, machine and crane installation, manufacturing foundation sockets, shear wall and column caps, fixing steel columns on the foundation requiring high resistance and exposing the dynamic effects.

■ Application substrates

- Interior and exterior;
 - Cement based screed,
 - Concrete floor,
 - Prefabricated concrete,
- Please consult us for all other application substrates.

■ Application properties

- Pot life average: 30 min.
- Application thickness: min. 10 mm. max. 70 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 > 60 N/mm² (after 28 days)
- Flexural strength > 7 N/mm² (after 28 days)
- Adherence strength > 2 N/mm²

■ Reference standards

- Public Works Pos. No: 04.613/3C.
- TS-EN 1504-3 April 2008-R4 class.

■ Attention points

- Mixture water should be between 20 °C and 25 °C.
- Wide surfaces exposed to external weather conditions should be protected against sun lights and wind with **weber kür A** or via covering curing blanket for 48 hours.
- All tools used for application should be cleaned with water before getting dry.

■ Preparation of substrates

- The substrate should be clean, strong free from dirt, dust and weak particles.
- The mold of application should be fixed, sealed and cleaned very well.

- If the application is done on old concrete, the substrate should be damped. Avoid small water deposits.
- Material should be prepared in amount to be used. considering pot life.

■ Conditions of application

- The surface and ambient temperature is 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

- 25 kg bag **weber.rep grout** should be put in the container with 3,75- 4,25 lt clean water, slowly and should be mixed with low-speed mixer about 3-4 minutes until homogeneous state is achieved. Avoid adding water to the mortar after it begins to harden. The mixture should be aged for 2 minutes.
- **weber.rep grout** in fluid form should be poured from one side of mold which is prepared before without break, so air compression in the mixture should be prevented.

■ 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, 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.

> 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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