

## weber.mix 682

### PU + sand paving grout

#### Paving grout on 1-comp. polyurethane resin basis for joint width > 3 mm

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##### Fields of application

For grouting natural paving stones, both for old and new pavings, concrete blocks, slabs and clinker pavements.

For use in joints in a width of  $\geq 3$  mm and a depth of 30 mm. In case of higher loads, the stones should be laid in the bedding material at least at  $\frac{3}{4}$ .

Under no circumstances can a needs-based substructure of the paving can be dispensed with.

In addition to grouting slabs and clinker pavements, the grout is particularly suitable for light-coloured, highly absorbent and ferrous natural stones (e.g. granite and gneiss) as well as for light car traffic loads (for ex. residential garage entrances).

For use outdoors.

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##### Composition

Polyurethane resin, classified mineral aggregates, additives for better workability

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##### Main features

- with official test certificate
- high water permeability
- solvent-free
- resistant to frost and de-icing salts
- resistant to UV rays
- easy application
- available in 3 different colours
- for use outdoors

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## Technical values

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Application temperature:	+5°C - +30°C
Pot life:	approx. 2 hours at +20°C and 65% relative humidity rate
Compressive strength (28 days):	approx. 14 N/mm <sup>2</sup>
Flexural strength (28 days):	approx. 6 N/mm <sup>2</sup>

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## Quality control

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weber.mix 682 is subject to a regular quality control by self-monitoring.

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## General notes

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- When used as grout for paving stones, it should be noted that due to the binding agent, a thin film is drawn over the grouted stones, which intensively highlights the stone colour and provides additional protection. This film does not yellow and disappears within 4 - 12 months depending on thickness and mechanical loads.
- Due to its consistency, the mortar is also particularly suitable for use in vertical joints.
- After hardening (7 days), grouted surfaces can be cleaned with a high-pressure cleaner.
- In case of extremely light or black types of stones (quarry slate slabs or similar) pre-wet before grouting in order to observe if their surface will change. If in doubt, carry out a test on a trial surface.

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## Special notes

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- Observe the prevailing regulations relating to the installation of pavements and the recommendations of the stone manufacturers.

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## Substrate preparation

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- The substrate must be free of movement, load-bearing, solid, dry and clean.
- A joint width of at least 3 mm and a joint depth of 30 mm must be provided.
- The ratio width/depth of the joint should be appropriate.
- Narrow joints that are much deeper than 30 mm can lead to formation of cavities in the lower area due to insufficient bulk density.
- Clean new joints with air pressure or high-pressure water jet for removing all adhesion-impairing particles and substances. For old joints use a high-pressure water jet.
- The substrate preparation must be adapted to the specific job site conditions.

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## Working instructions

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### Mixing

- The product is delivered in plastic bucket of 25 kg, containing 24 kg sand and 1 kg (cartridge) of polyurethane resin. Pour the whole sand quantity in a larger container and add the cartridge of polyurethane resin.
- Mix both components using an electric drill and an appropriate stirrer during 5 minutes, until a lump-free and ductile grout is obtained.
- Afterwards apply the grout immediately.
- Always mix complete buckets. Do not add water. Do not mix more grout than can be applied within 2 hours.

### Application

- Temperature of air, materials and substrate during application and drying:  $\geq +5^{\circ}\text{C}$  -  $\leq +30^{\circ}\text{C}$
- Do not add any foreign substances during mixing and application.
- Pour out and spread the mixed grout onto the clean surface, using a rubber squeegee or a coconut broom to place it in the joints and to compact it tightly.
- During sweeping make sure that the whole surface comes into contact with the mixed material, in order to achieve a uniform surface appearance.
- Sweep away with a soft or medium-hard broom without delay.
- Clean mixing equipment and tools with the thinner weber.sys 992 (fresh product). Hardened material can only be removed mechanically.

### Aftercare

- Protect from dirt, driving rain, strong sunlight and frost, e.g by covering with a plastic foil.
- The grouted surfaces are open to pedestrian and light car traffic after approx. 24 hours at  $+20^{\circ}\text{C}$  and 65% relative humidity rate.

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## Practical information

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### Colours:

basalt, grey, sand

### Tools:

Electric drill + stirrer, rubber squeegee, coconut broom, soft or medium-hard broom

### Storage:

The product can be stored up to 12 months in its original unopened packaging, if kept dry and protected from moisture.

# Technical Data Sheet



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## Consumption / yield

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approx. 22.0 liters / 25 kg

Consumption: refer to the chart herebelow.

Stone type	Dimensions length	depth in mm	Joint width in mm	Consumption approx. kg/m <sup>2</sup>
Mosaic pavement	40	40	8	15.5
Mosaic pavement	50	50	8	13
Mosaic pavement	60	60	8	11.5
Small sett pavement	80	80	10	11
Small sett pavement	90	90	10	10
Small sett pavement	100	100	10	9
Large sett pavement	120	120	10	8
Large sett pavement	120	180	15	9.5
Large sett pavement	140	140	15	10
Large sett pavement	140	200	15	8.5

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## Packagings

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Type	Sales unit	Number / euro- pallet	Colours
Plastic bucket	25 kg	24 buckets	basalt
Plastic bucket	25 kg	24 buckets	grey
Plastic bucket	25 kg	24 buckets	sand

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*The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.*