

Weberjoint grout

Cement-based colored joint grout mortar enhanced with resistant to high abrasion, water repellent and improved application properties

Technical Data Sheet

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Description

Cement-based colored joint grout mortar enhanced with resistant to high abrasion, water repellent and improved application properties.

Reference Standard

- TS EN 13888-1/CG2WA class
- G marking

Advantages

- Maximum resistance to abrasion
- Improved application properties
- Optimum workability time

Range of Application

Application thickness 2-8mm

Application Substrates

- Interior and external walls and floors

Preparation of Substrates

- Before **weberjoint grout** application, tile adhesive should be dry completely. Ideal time for this is 24 hours in most cases. In humid conditions, this time can be longer.
- Dust, chip, construction and cement residuals, etc. to be between the gaps of grouts should be cleaned by scrapping with a thin stick and brush to ensure a homogenous color and drying.
- Grouts; which are especially on walls and between high absorbent ceramics, should be moistened before the application. This process should not be made with a lot of water in order to create a homogeneous moistening.

Conditions of Application

- Ambient temperature is between +5 °C and +35 °C.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.
- Avoid application under direct sunlight, strong wind or (heated) hot surfaces.
- The ceramic adhesive must be completely dried before application.

Application

- Average 1.6 - 1.75 Ltrs water and 5kg bag
- **weberjoint grout** should be mixed with lowspeed mixer preferably or trowel as there will be no lumps until become homogenous.
- **weberjoint grout** should be mixed for further 1-2 minutes after aging for 5 minutes before the application.
- The mortar should be filled in the joints with hard rubber spatula or trowel.
- It should be applied firstly parallel and then in crosswise direction to fill the joints thoroughly.
- The excessive mortar on the substrate should be scraped with soft-tip trowel or damp sponge-tip trowel and it should be wiped with a damp sponge after waiting for 15-30 minutes depending on ambient temperature and thin joint layer to be on the substrate should be cleaned thoroughly.
- The process of leveling and cleaning the substrate should be done with a dry cloth when **weberjoint grout** is still wet.

Application Tools

Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, rubber spatula, sponge, brush.

Consumption

$(A+B)/(A \times B) \times S \times F \times 1.5 = \text{kg/m}^2$

A = tile length in mm

B = tile width in mm

S = tile thickness in mm

F = joint width in mm

Application with a rubber trowel

Tile size	Usage	Tile thickness	Joint length
300 x 300mm	0.2kg/m ²	10 mm	2 mm
600 x 600mm	0.1kg/m ²	10 mm	2 mm

Attention Points

- Not applicable on areas subject to high pressure (>100 bar) and chemicals and requiring hygiene (See current "weber solution guide").
- Not applicable for swimming pools (See current "weber solution guide").
- Not applicable on floors convenient for deformation such as heating floor (**weberjoint flex** should be used).

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Technical Information

Product	weberjoint grout
Product Type	Powder
Colour	8 colour options
Packaging	5 kg bag
Application features	
Pot life	Max 1 hour
Setting time	12 hours
Time required for opening floor to traffic	24 hours
Performance	
Abrasion resistance	$\leq 1000 \text{ mm}^3$
Flexural strength	$\geq 2.5 \text{ N/mm}^2$
Compressive strength	$\geq 15 \text{ N/mm}^2$
Shrinkage	$\leq 3 \text{ mm/m}$
Water absorption (30min. later)	$\leq 2 \text{ g.}$
Water absorption (240 min. later)	$\leq 5 \text{ g.}$
Storage	
Packaging	5 kg bag
Shelf life	2 years 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. Package should be protected against frost.

These values were obtained as a result of laboratory tests and they are valid for 28 days performance of finished applications. Values may vary due to differences on job-sites.

Safety Precautions

- Use the appropriate safety equipment (dust mask, gloves).
- Protect your eyes / face.
- Avoid contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.
- Read the Material Safety Data Sheet for more detailed

Legal Warning

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Nigeria cannot be liable for other than the information provided in this product datasheet.

Access detailed documentation of the product by scanning QR or www.saint-gobain-africa.com

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