

weber.joint DÇM

Grout mortar for thin joints

■ Description

Cement based grout mortar.

■ Advantages

- Safe application for joints in the range of 0-6 mm.

■ Range of application

- Used for grout applications up to 6 mm width of coating materials such as ceramic, tile and similar coating materials.

■ Application substrates

- Interior walls,
- Interior and exterior floors.
- Please consult us for all other application substrates.

■ Performance

- Abrasion resistance: $\leq 2000 \text{ mm}^3$
- 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 (30 min. later): $\leq 5 \text{ g}$.
- Water absorption (240 min. later): $\leq 10 \text{ g}$.

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

■ Reference standards

- TS EN 13888/CG1 class,

Please see current "weber solution guide" for the classification introduced by TS EN 13888 norm about grouts.

■ Application properties

- Pot life: max. 1 hour,
- Setting time: 12 hours,
- Time required for opening floor to traffic: 24-48 hours.

■ Conditions of application

- Ambient temperature is between $+5 \text{ }^\circ\text{C}$ and $+35 \text{ }^\circ\text{C}$.
- 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 hot surfaces.

■ Preparation of substrates

- Dust, chip, construction and cement residuals, etc. between the gaps of grouts should be cleaned by scrapping with a thin stick and brush to ensure a homogenous color and drying.
- Joint gaps should be moistened especially on walls before the application.

■ Application

- Average 7-7,5 lt water and 20 kg **weber.joint DÇM** should be mixed with low-speed mixer preferably or trowel as there will be no lumps.
- **weber.joint DÇM** should be mixed for further 1-2 minutes after aging for 10 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 via a dry cloth when **weber.joint DÇM** is still wet.

■ Attention points

- The application area should be damped with water on the following day to achieve high performance.
- All tools should be cleaned with water before drying after the application.
- Since it may cause yellowing on white and light joint fillers, avoid holding tiles in water before the application.

■ Limits of application

- Not applicable on areas subject to high pressure ($>100 \text{ bar}$) 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 (**weber.joint flex** should be used).

■ Consumption

Tile dimensions	Grout width		
	3 mm.	4 mm.	6 mm.
10x10 cm.	700 gr./m ²	950 gr./m ²	1500 gr./m ²
20x20 cm.	350 gr./m ²	500 gr./m ²	700 gr./m ²
30x30 cm.	250 gr./m ²	300 gr./m ²	500 gr./m ²

■ Packaging

Net 20 kg bag (80 bags in pallet, 1600 kg).

■ Pallet size

107 x 107 cm.

■ Color

White, grey.

■ Application tools

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

■ Shelf life

1 year 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.

FOR INFO

> 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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