

# weber.joint DÇM

## Grout mortar for thin joints

Technical Data Sheet

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### ■ 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 and floors,
- Interior and exterior floors.
- Please consult us for all other application substrates. (used).

### ■ Limits of application

- 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 (**weber.joint flex** should be used).

### ■ Application properties

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

### ■ 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 days performance of finished applications. Values may vary due to differences in ambient of jobsites.*

### ■ Reference standarts

- TS EN 13888/CGI class,
  - G marking
  - Public Works Pos No: 04.380/051
- Please see current "weber solution guide" for the classification introduced by TS EN 13888 norm about grouts.*

### ■ 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.

### ■ Preparation of substrate

- 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.

### ■ Conditions of application

- Ambient temperature: between +5 °C and +30 °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.

### ■ Application

- Average 5,5-6,5 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.

### ■ Consumption

Tile dimension	Grout width			
	2 mm.	3 mm.	4 mm.	6 mm.
10x10 cm.	550 gr./m <sup>2</sup>	700 gr./m <sup>2</sup>	950 gr./m <sup>2</sup>	1500 gr./m <sup>2</sup>
20x20 cm.	300 gr./m <sup>2</sup>	400 gr./m <sup>2</sup>	500 gr./m <sup>2</sup>	750 gr./m <sup>2</sup>
25x40 cm.	200 gr./m <sup>2</sup>	250 gr./m <sup>2</sup>	300 gr./m <sup>2</sup>	500 gr./m <sup>2</sup>
33x33 cm.	150 gr./m <sup>2</sup>	200 gr./m <sup>2</sup>	250 gr./m <sup>2</sup>	450 gr./m <sup>2</sup>

### ■ Packaging

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

### ■ Pallet size

107 X107 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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