

# weber.therm maxifix

## Adhesive mortar for weber maxitherm thermal insulation system

Technical Data Sheet  
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### ■ Description

Cement based, polymer modified adhesive mortar for **weber maxitherm thermal insulation system**.

### ■ Advantages

- In conformity with ETAG 004\*
- Has high bonding strength.
- Resistant to thermal shocks.

### ■ Range of application

- Applied for bonding of **weber.therm maxipower** thermal insulation panels at all buildings.

### ■ Application substrates

- On interior and exterior walls;
  - Concrete,
  - Brick,
  - Cement-based render,
  - Gas concrete,
- Please consult us for all other application substrates.

### ■ Limits of application

- Not applicable on instable and low-resistant substrates.

### ■ Application properties

- Pot life: 3 hours
- Time for render application: 2 days.

### ■ Performance

- Mass per unit volume of fresh mortar:  $1500 \pm 100$  kg/m<sup>3</sup>
  - Granulometry: the percentage left on the 1 mm sieve  $\leq 1,0$
  - Porous density or hardened cement-based render:  $1300 \pm 200$  kg/m<sup>3</sup>
  - Compression strength:  $\geq 6,0$  N/mm<sup>2</sup>
  - Adhesion strength with the substrate:  $\geq 0,5$  N/m<sup>2</sup>
  - Adhesion strength with the isolation pannel:  $\geq 0,08$  N/mm<sup>2</sup>
  - Water Absorption (after 30 minutes):  $\leq 5$  gr
  - Water Absorption (after 240 minutes):  $\leq 10$  gr
- 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 job-sites.*

### ■ Reference standards

- TS EN: 13566
- Public Works No: 04.480.

### ■ Attention points

- Insulation panels should be placed as approximating each other closely, gaps between panels should be as few as possible to prevent heat transfer.

### ■ Preparation of substrates

- The substrate should be clean, dry, smooth and sound.
- Very porous substrates should be wetted and wait until the water layer is removed as the substrate will remain damp.
- Important deteriorations or holes on the substrate should be repaired with **weber.rep MA 200** at least 24 hours before the application of **weber.therm maxifix**.

### ■ Conditions of application

- Ambient temperature is between +5 °C and +30 °C.
- Avoid application in very damp and/or hot weather, under the sunlight.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

### ■ Application

- Average 6 lt clean water and 25 kg bag. **weber.therm maxifix** should be mixed with a low-speed mixer or trowel preferably well as there will be no pellets.
- The mortar should be aged for 10 minutes before application.
- **weber.therm maxifix** should be applied all around of insulation panel and 5 mm of space should be left from the edges all around the board.
- 3 big parts **weber.therm maxifix** should be applied to the section in the middle in the point way.
- It should be noticed that 40 % of insulation panel must have coated with binder. Binders should not be excessive in joints as to prevent them to serve as conductor.
- **weber.therm maxiplast** can be applied on insulation panels bonded with **weber.therm maxifix** after 2 days depending on weather conditions.

### ■ Consumption

5 kg/m<sup>2</sup>.

### ■ Packaging

Net 25 kg bag,  
(64 units in pallet, 1600 kg).

### ■ Pallet size

107 x 107 cm.

### ■ Color

Grey.

### ■ Application tools

Hand mixer, trowel.

## ■ 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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