

■ Description

Cement-based, polymer modified adhesive mortar for thermal insulation panels.

■ Advantages

- Has high bonding strength.
- Resistant to thermal shocks.

■ Range of application

- Applied for adhesive of XPS, EPS, and mineral wool 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 on insulation panel bonded: 2 days.

■ Performance

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

■ Conditions of application

- Ambient temperature is between $+5 \text{ }^\circ\text{C}$ and $+30 \text{ }^\circ\text{C}$.
- 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 YP** 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 YP** 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 YP** 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 SV** can be applied on insulation panels bonded with **weber.therm YP** after 2 days depending on weather conditions.

■ Consumption

5 kg/m².

■ Packaging

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

■ Color

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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