

webertherm impact fix

Adhesive mortar for thermal insulation systems

Technical Data Sheet

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■ Description

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

■ Reference standards

- TS EN 13566
- Public Works No: 10.330.2503

■ Advantages

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

■ Range of application

Applied for bonding of XPS, EPS, and mineral wool thermal insulation boards at all buildings.



■ Application substrates

- On Interior and Exterior;
 - Brick,
 - Concrete
 - Cement-based plaster,
 - Gas concrete,
- Consult us for all other application substrates.

■ 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 **weberep MA 200** at least 24 hours before the application of **webertherm impact fix**.

■ 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 tools

Hand mixer, steel trowel

■ Consumption

4-5 kg/m²

**The consumption amounts given are average values. The amount of consumption may vary depending on the weather conditions of the application, the application surface and the absorbency of the surface.*

■ Application

- Average 6 lt clean water and 25 kg bag **webertherm impact fix** should be mixed with a lowspeed mixer or trowel preferably well as there will be no pellets.
- The mortar should be aged for 10 minutes before application.
- **webertherm impact fix** 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 **webertherm impact fix** 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.
- **webertherm ULTRA impact** can be applied on insulation boards bonded with **webertherm impact fix** after 2 days depending on weather conditions.

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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■ Technical specifications

| | |
|---|------------------------------|
| PRODUCT | webertherm impact fix |
| Chemical structure | Grain |
| Application temperature | Between +5°C and +30°C |
| Time required to apply plaster on the pasted insulation board | 2 days |
| Colour | Grey |
| PERFORMANCE | |
| Mass per unit volume of fresh mortar | 1500 ± 100 kg/m ³ |
| Granulometry: the percentage left on the 1 mm sieve | ≤ % 1,0 |
| Porous density or hardened cement-based render | 1300 ± 200 kg/m ³ |
| Compression strength | ≥ 6,0 N/mm ² |
| Adhesion strength with the substrate | ≥ 0,5 N/m ² |
| Adhesion strength with the isolation board | ≥ 0,08 N/mm ² |
| Water Absorption (after 30 minutes) | ≤ 5 gr |
| Water Absorption (after 240 minutes) | ≤ 10 gr |

Drying time may vary depending on weather conditions and surface temperature. These values have been obtained as a result of laboratory experiments and are valid for the performance of the finished applications at the end of the full drying period. Values may vary due to differences in the construction site environment.

■ Attention points

- The insulation boards should be placed close to each other, the gaps between the boards should be as small as possible in order to prevent heat transfer.
- Not applicable on unstable and low resistance surfaces
- The product should be applied by carding method.

■ Storage

| | |
|------------|---|
| Packaging | 25 kg bucket |
| Shelf life | <ul style="list-style-type: none">• 1 year from the date of production, provided that the packaging is not opened in dry and cool environments.• Package should be kept tightly closed when not in use. Package should be protected against frost. |

■ 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 safety information.

Legal warning

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. can not be liable for other than the information provided in this product datasheet. The information provided in this product data sheet is based on our current knowledge and experience about the product. All of the above information must be considered as guidelines. It is the user's responsibility to ensure that the product is suitable for the intended use, and also to perform acceptance check and self-inspection control. The user is responsible if the product is used for purposes other than recommended or for improper installation.

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