

# webertherm impact ORG

## Acrylic emulsion based organic adhesive mortar for thermal insulation systems

Technical Data Sheet

Issued on: 11.07.2021

Revision No: 000

### Description

Acrylic emulsion-based, ready-to-use organic adhesive mortar for thermal insulation systems.

### Reference standards

- TS EN 13499
- TS EN 13500

### Advantages

- Conforms to ETAG 004.
- It is flexible.
- Ready to use, easy to apply.
- The material left in the container can be reused.
- It has excellent bonding power.
- Resistant to thermal shocks.
- It can be used for sticking heat insulation boards on wooden and prefabricated surfaces.

### Range of application

It is used for bonding XPS, EPS and mineralwool thermal insulation boards in all buildings.



### Application substrates

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

### Preparation of substrates

- The surface must be clean, dry and sound.
- Significant defects or holes in the surface should be repaired with **weber MA 200** at least 24 hours before **webertherm impact ORG** application.

### Conditions of application

- Ambient temperature +5 °C to +30 °C.
- Avoid applying under the sun in very humid and/or very hot weather.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of frost within 24 hours.

### Application tools

Hand mixer, steel trowel

### Consumption

4-5 kg/m<sup>2</sup>

*\*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

- **webertherm impact ORG** is ready to use, applied directly without adding water.
- **webertherm impact ORG**, 2.5 - 3.0 mm thick thermal insulation with 8x8 notched steel trowel applied to the boards.
- Depending on the weather conditions, **webertherm ULTRA impact** can be applied to the insulation boards adhered with **webertherm impact ORG** after 2 days.

### Technical specifications

PRODUCT	<b>webertherm impact ORG</b>
Chemical structure	Paste
Application temperature	Between +5°C and +30°C
Time required to apply plaster on the pasted insulation board	2 days
Colour	Beige
Density	~1,75 gr/cm <sup>3</sup>
PERFORMANCE	
Adhesion Strength to Thermal Insulation Board	≥0,08 N/mm <sup>2</sup>
Adhesion strength to substrate	Wooden Concrete Betopan
	≥0,5 N/mm <sup>2</sup> ≥1,0 N/mm <sup>2</sup> ≥0,5 N/mm <sup>2</sup>
Water vapor transfer rate	V2
Water transfer rate	W2

*\*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.*

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.

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.

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## ■ 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

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

## ■ 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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