

webertherm ULTRA impact

Acrylic emulsion-based, ready-to-use organic surface render for thermal insulation boards

Technical Data Sheet
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■ Description

It is an acrylic emulsion based, high impact resistance, ready-to-use organic surface render for thermal insulation systems.

■ Reference standards

- TS EN 15824
- TS EN 13500/13499

■ Advantages

- Conforms to ETAG 004.
- Provides excellent impact resistance.
- Thanks to its flexible structure, it provides ultra resistance against cracking.
- Ready to use, easy to apply and creates smooth surfaces.
- Provides excellent adherence to thermal insulation boards.
- The material left in the container can be reused.
- Resistant to thermal shocks.
- Offers long working time.

■ Range of application

It is used as a surface render on XPS, EPS and mineralwool thermal insulation boards in all buildings.



■ Application substrates

- On interior and exterior facades;
 - XPS (Extruded polystyrene),
 - EPS (Expanded polystyrene),
 - Mineralwool,
- Please consult us for all other application substrates.

■ Preparation of substrates

- The insulation board must be solid, well adhered to the underlying surface, clean and dry.
- The gaps between the boards should be filled with the same insulation material or foam according to the width, the protrusions that may occur should be cleaned to reduce the consumption of **webertherm ULTRA impact**.

■ 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/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

- **webertherm ULTRA impact** is ready to use, applied directly without adding water.
- **webertherm ULTRA impact** should be applied to the surface with a steel trowel.
- Before **webertherm ULTRA impact** dries, the reinforcement mesh should be placed from top to bottom, by pressing and stretching well, without folding and equidistant from the insulation board to the entire surface.
- In order to prevent cracks, 10 cm. at the joints of the reinforcement mesh. should be applied overlapping.
- Reinforcement mesh should be rotated at least 20 cm at the corners and on all beams, window and door frames.
- The second layer should be applied after 12-24 hours.
- After the application, the surface will be suitable for exterior cladding.

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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SAINT-GOBAIN

■ Technical specifications

PRODUCT	webertherm ULTRA impact
Chemical structure	Paste
Application temperature	Between +5°C and +30°C
Total application thickness	2,5- 3,0 mm
Time to wait between coats	12-24 hours
Time to wait for topcoat application on webertherm ULTRA impact	min 7 days
Color	Beige
Density	1,49 g/cm ³
pH	8-9
PERFORMANCE	
Impact resistance	> 10 joule
Adhesion Strength to Thermal Insulation Board	≥0,08 N/mm ²
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.

■ 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.

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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.