

webertherm prestige W

White adhesive for all types of thermal insulation



■ Description

- **webertherm prestige W** is a high quality adhesive, made of white cement, qualitative fillers and additives, and enriched with suitable polymers.

■ Advantages

- Easily prepared and applied
- For the adhesion and reinforcement layer on all insulation boards (**EPS/XPS/stone wool, EPS Graffiti**)
- Produced from high-quality raw materials that make it possible to use it in thicker layers and on low-adhesion insulating slabs.

■ Scope of use

- **webertherm prestige W** is used for installing and reinforcing all thermal insulation materials (EPS, XPS, rock wool, etc) to all surfaces (critical surfaces, wood, metal, etc)
- It is used in thermal insulation systems
- It is also used for flattening surfaces to which thermal insulation systems are installed

■ Surface preparation

- The substrate where the thermal insulation panels will be applied must be strong, stable, clean and free of dust or microorganisms.
- Possible problems with the substrate should be repaired before starting the work.
- The work surface should be protected with scaffolding mesh from direct impact of wind, sun or rain, it is advised not to work under severe weather conditions.
- The air and substrate temperature during application and drying should be above 5°C and below 30°C

■ Application

- The 25kg bag content is mixed with an electric mixer by gradually adding 6.5-7 l of water as needed.
- After the first mix, the mass is left at rest for about 10 min and then mixed again before applying, the prepared mass should be used within 3 hours.
- If the adhesive is to be applied to EPS, XPS, or relatively lightweight insulation materials, it should be applied backwards, in the frame, and 3 large measurements between insulating tiles.
- If the adhesive is to be used for thermal insulation with stone wool tiles, it should be applied to the entire surface of the 10x10 serrated scaffold in the case of flattened surfaces.
- Installation of grooves and reinforcement mesh is possible 2 days after the adhesive bonding.
- The surface of the insulation panels is leveled with a layer of 2-4 mm thick layer on which the netting is made, in 1/3 of the thickness of the adhesive layer, the grinding layer must be made after the previous layer has completely dried.
- The decorative finishing layer should be applied at least 7 days after application of the last layer of adhesive.
- For buildings with a height of more than 3m, it is advisable to use the façade ups for fixing the panels to the plinth, 6 anchors / m²
- The adhesive is not recommended to be used for filling residual spaces between thermal insulation tiles - should be filled with insulating material.

■ Tools

- For mixing: electric mixer

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• For application: steel trowel

■ Expiration

12 months stored on pallets in a dry place with no direct impact of weather conditions and moisture. Protect from freezing.

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Technical Data Table

| | | |
|-----------------------------|------------------------|---|
| Packing | Papper bag | The data on consumption are orientative and depending on the characteristics of the base and the application technique. |
| Quantity per unit | 25 kg / bag | |
| | 1400 kg / pallet | |
| Color | white | |
| Granulation | 0.7 mm | |
| Consumption | 8-10 kg/m ² | |
| Consumption (adhesion) | 6-7 kg/m ² | |
| Consumption (reinforcement) | 2-3 kg/m ² | |
| Water consumption | 8.25 l | |
| Layer thickness | 3 mm | |

Physical and mechanical indicators

| PARAMETER | MEAN VALUE | MEASURING UNIT |
|-----------------------------------|------------|-------------------|
| Vase - dry state | 1.48 | Gr/m ³ |
| Water need for normal performance | 29 | % |
| Residues ↓ 180 μ | 55 | % |
| Water retention | 99 | % |
| Vase of mortar 20 °C | 1700 | Kg/L |
| Appearance | white | |
| State | powder | |

Checchemical indicators

| PARAMETER | MEAN VALUE | MEASURING UNIT |
|-----------|------------|----------------|
| Humidity | 0.10 | |
| Additives | 2 | |



State

All the above parameters relate to standard weather -20°C temperature, relative air humidity up to 65%. If weather conditions are not in accordance with the mentioned method of operation it is necessary to adjust the circumstances. Weber guarantees the quality of the delivered products in accordance with all the norms and rules of production. The Company is not responsible for working incorrectly with these materials, for using the material for purposes other than those mentioned in the product description, as well as for the works in weather conditions that do not comply with the description of the products. Weber recommends that before starting to work, there should be done a surface test. The company accepts complaints only on the quality of the product if stored, prepared and applied according to the issued instructions.



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