

webertherm prime plast

Render for thermal insulation systems

Teknik Bilgi Föyü
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■ Description

Cement-based, polymer modified render for thermal insulation systems.

■ Reference standards

- TS 13687
- Bayındırlık Poz. No: 10.330.2505

■ Advantages

- Ensures perfect adherence to thermal insulation boards.
- Resistant to thermal shocks.
- Easy to apply and forms smooth surfaces.

■ Range of application

Applied as substrate render on XPS and EPS thermal insulation boards at all buildings.



■ Application substrates

- On interior and exterior walls;
 - XPS (extruded polystyrene),
 - EPS (expanded polystyrene),
- Please consult us for all other application substrates

■ Preparation of substrates

- The insulation panel should be clean, dry and be bonded on the lower substrate well.
- The gaps between panels should be filled with the same insulation material or foam as per the width, the protrusions to occur should be cleared to reduce the consumption of **webertherm prime plast**.

■ 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, glass-fiber mesh

■ Consumption

5 kg/m²

■ Application

- Average 6,5 lt clean water and 25 kg bag **webertherm prime plast** should be mixed with a lowspeed mixer or trowel preferably well as there will be no pellet.
- The mortar should be aged for 10 minutes before application.
- **webertherm prime plast** should be applied on the substrate via steel trowel.
- Glass-fiber mesh should be placed by pressing upward to downward and stretching, without folding and as to be at the same distance from insulation panel to the whole surface before **webertherm prime plast** dries.
- To avoid cracks, glass-fiber mesh should be applied by overlapping as 10 cm at joining points.
- The glass-fiber mesh should be turned at least 20 cm in the corners and around all beams, window and door frames.
- Second hand of application should be started after 3-4 hours.
- After the application, the surface will be ready for exterior coating.

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 prime plast
Chemical structure	Toz
Application temperature	+5°C ile +30°C arası
Pot life	3 saat
Application thickness	4 mm
Coat thickness:	max. 2 mm
Time between the coats	3-4 saat
Time to wait for final coat application of webertherm prime plast	Min 7 gün
Color	Gri
PERFORMANCE	
Mass per unit volume of fresh mortar	≥ 1150 kg/m ³
Granulometry: the percentage left on the 1 mm sieve	≤ %1,0
Porous density of hardened cement-based render:	1300 ± 200 kg/m ³
Compression strength	≥ 6,0 N/mm ²
Adhesion strength with the isolation board	≥ 0,08 N/mm ²
Water absorption	≤ 0,5 kg/m ² . dk ^(0,5)
Water vapor permeability	μ ≤ 15
Thermal resistance	≤ 0,67 W/mK

■ Attention points

- Dilatation joints should not be covered with **webertherm prime plast**, dilatation profile should be used for these parts.

■ Storage

Packaging	• 25 kg kraft bag
Shelf life	• 1 year as of the production date in dry and moisturefree environment provided that packages will not be opened. • Package should be kept tightly closed when not in use.

■ 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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