webertherm glue

Adhesive of increased adhesion for fixing insulation board for ETICS



Façade and Thermal Insulation

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
25kg	25kg	25kg	25kg	25kg	25kg	25kg	25kg

PRODUCT

webertherm glue is a pre-mixed dry blend of cement, fillers, polymer, and additives. It is mainly used as adhesive to fix rigid insulation to a variety of surfaces: masonry, brick, concrete, gypsum and cement board. It is resistant to mechanical stress and has an outstanding bonding effect and is water resistant.

CHARACTERISTICS	
Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey
Density	1.55kg/lit.±0.05
Open Time	25min at standard condition
Pot Life	2hrs at standard condition
Shelf life	6 months
Mixing Ratio	6lit per 25kg
Coverage	4kg/m² depending on: - Surface irregularity - **webertherm SW** thickness and size - Method of application

VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	None (<10µg)
ASTM E 2134	Complies

TEST RESULTS		
Tensile adhesion strength (N/mm²) ETAG 004:2000(1)	**webertherm glue / substrate**	**webertherm glue / EPS**
28 days standard conditions	Complies	Complies
28 days standard conditions + 2 days water immersion + 2hrs drying	Complies	Complies
28 days standard conditions + 2 days water immersion + 7 days drying	Complies	Complies

(1): Results pass the minimum requirement of ETAG 004:2000

TEST CHARACTERISTICS	
Tensile adhesion strength (N/mm²) as per ETAG 004	**webertherm glue / concrete**
After 28 days standard condition	Complies

After 28 days standard condition + 2 days water immersion + 2hrs drying	Complies
After 28 days standard condition + 2 days water immersion + 7 days drying	Complies
Tensile adhesion strength (N/mm^2) as per ETAG 004	**webertherm glue / mineral wool**
After 28 days standard condition	Complies
After 28 days standard condition + 2 days water immersion + 2hrs drying	Complies
After 28 days standard condition + 2 days water immersion + 7 days drying	Complies

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Surface must be clean and free from greasy matters or dust.

PRODUCT PREPARATION

Mix **webertherm glue** in the proportion of 6 liters of clean cool water per 25kg bag. An electric mixer with low rotation speed (<300rpm) can be used.
Mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

PRODUCT APPLICATION

Apply the **webertherm glue** mixture on the back side of the insulation board (Mineral wool such as **webertherm SW** or EPS). Apply the adhesive on the inside of the board using the "strip-point" method. It consists of preparation of continuous circumferential block (at least 3cm wide) at the edge of the board and even distribution of 6 to 8 patches of 8 to 12cm in diameter on the whole surface. Immediately after application of the mortar on the board, fix the board to the substrate by firm pressing and level it. In case of even and smooth substrates, the mortar can be evenly distributed using a notched float on the whole board surface to ensure 2 to 5mm layer thickness.

CAUTION: Immediately place the insulation board on the substrate, ensuring that no **webertherm glue** mixture gets into board joints. Do not allow the **webertherm glue** mixture to form a skin before positioning the insulation board on the substrate as it will affect the bond strength.

Joints between adjacent insulation boards should be reduced to the minimum.

CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable to do the application a well ventilated area, to wear protective gear for hands, eyes and respiratory system and to avoid dust inhaling. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use,and that this Data Sheet version is the latest one. The company are listed for guidance only. For more information, please contact the company's office in your location.

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