

Cement based polymer modified base coat render for ETICS

PRODUCT

webertherm base is a pre-bagged dry blend of cement, aggregates, polymer, and additives. It provides an excellent reinforcing coat for embedding glass fiber mesh in facade insulation system (ETICS). It is deformable, crack-proof and resistant to mechanical stress. **webertherm base** has an outstanding bonding effect and is water resistant.

CHARACTERISTICS

Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey or White
Density	1.55 kg/lit. \pm 0.05
Open Time	25 min. at 20°C
Pot Life	2 hrs at 20°C
Shelf Life	6 months
Mixing Ratio	5.5 to 6 lit. per 25 kg
Coverage	(3 to 4 kg / m ² per coat
VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	None (<10µg)
ASTM E 2134: Complies	
ASTM E 2486: Complies	

TEST RESULTS

Tensile adhesion strength (N/MM ²) as per ETAG 004:2000 (1)	webertherm base / EPS
28 days standard conditions	Complies
28 days standard conditions + 2 days water immersion + 2 hours drying	Complies
28 days standard conditions + 2 days water immersion + 7 days drying	Complies
Water vapor transmission acc. EN 15148:2000 [kg/m ² .h½]	Complies

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

TEST CHARACTERISTICS

Tensile adhesion strength (N/mm ²) as per ETAG 004	webertherm base /concrete
After 28 days standard condition	Complies
After 28 days standard condition + 2 days water immersion + 2 hrs. drying	Complies
After 28 days standard condition + 2 days water immersion + 7 days drying	Complies



PACKAGING

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

Tensile adhesion strength (N/mm ²) as per ETAG 004	webertherm base /mineral wool
After 28 days standard condition	Complies
After 28 days standard condition + 2 days water immersion + 2 hrs. 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 base** in the proportion of 5.5 to 6 liters of clean cool water per 25kg bag. An electric mixer with low rotation speed (< 300 rpm) 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

Use a stainless notched trowel to apply the mortar to the surface of the mineral wool insulation board such as webertherm SW or EPS insulation board to a uniform thickness of appr. 2 to 3 mm; immediately, lay in the mesh-cloth. Once the initial coat has started to 'take-up', apply a second layer of adhesive mortar to produce a sandwich approximately 6 mm thick totally encapsulating the mesh-cloth. The meshcloth must lie within the outer one-third of the **webertherm base**.

At joints, individual meshes should overlap each other by 10 to 15 cm. At corners special reinforcing corner angle glass fiber mesh is used.

In order to protect against the formation of cracks, in areas where larger local stresses are to be expected, i.e. in the vicinity of the corners of door, window and other openings, strips of mesh (app.20 x 40 cm) should be placed diagonally across the corners.

In case a thick mineral finish is required, lightly comb scratch the **webertherm base** to achieve a good mechanical key.

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 in 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 may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

The information included on this Technical Data Sheet is the sole property of SODAMCO Holding. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.