

BM-300 / THERMAL INSULATION BOARD ADHESIVE MORTAR

PRODUCT DESCRIPTION

It is a cement-based, thermal insulation board adhesive mortar with high adhesion strength, resistant to water, frost, high temperature and temperature changes, with reduced slip, and safer adhesion with polymer additives.

USAGE AREAS

Bestkim BM-300 Adhesive Mortar; It is used for bonding thermal insulation boards such as XPS, EPS and Rockwool in all buildings, indoors and outdoors.

TECHNICAL SPECIFICATIONS

The porous unit volume mass of the adhesive	≥1000 Kg/m ³	TS EN 1015-6
Bending Strength	≥2 N/mm ²	TS EN 1015-11
Compressive Strength	≥6 n/mm ²	TS EN 1015-11
Sieve Analysis (over 1mm)	Maksimum %1	TS EN 1015-1
Force of Adhesion to Substrate	≥0,50 N/mm ²	TS EN 1015-12
Reaction to Fire Class	A1	TS EN 13501-1
Water Absorption	≤5g (30min. Then)	
Water Absorption	≤10g (240min. Then)	
Powder	Gray Powder	
Application Temperature	(+5C°) - (+30 C°)	
Temperature Resistance	(-30C°) - (+60 C°)	
Pot Life	2 Hours	

These values are in laboratory conditions; It was obtained as a result of experiments carried out in 23 ± 2°C and 50% ± 5% relative humidity environment. The values given in the table may differ depending on the surface and ambient conditions.

REFERENCE STANDARDS

Approvals/Standards TS 13566

SURFACE PREPARATION

The surface should be dry, clean, sound and free of dust, oil, dirt or materials that prevent adhesion should be cleaned from the surface, and materials such as mortar and cement residues should be scraped.

Mixing Time: It should be mixed with the help of a low-speed mixer so that no dry powder and lumps remain. After the mortar has rested for 3 - 4 minutes, it should be mixed again 1-2 minutes before the application.

APPLICATION METHODS

If there are curvatures on the surface, Bestkim BM-300 Adhesive Mortar should be applied continuously along the four sides of the thermal insulation board and in three piles in the middle of the board. Care should be taken that the adhesive does not overflow from the board edges. If the surface is very smooth, Bestkim Adhesive Mortar should be applied to the back of the plate with a 10x10 notched trowel using the notching method.

Care should be taken that Bestkim Adhesive Mortar does not form a film on the surface during application. Insulation boards glued with Bestkim Adhesive Mortar should be anchored after a minimum of 24 hours, and then plaster should be applied to the boards with Bestkim Plaster Mortar.

SURFACE AND AMBIENT TEMPERATURE

During the application, the surface and ambient temperature should be between +5°C and +30°C

APPLICATION LIMITS

Usable time of the prepared mortar - Pot Life

Maximum 2 hours

The time required for doweling on the pasted insulation board is 24 hours.

Doweling process on the pasted insulation board

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The values given in the table may differ depending on the surface and ambient conditions.

APPLICATION INSTRUCTIONS

25 kg BM-300 should be poured into 5.5 - 6 liters of water slowly and mixed with a low-speed mixer until a homogeneous mixture is obtained.

CONSUMPTION / CONSUMPTION

Recommended consumption amount for 1 m² application; 4.0 - 5.0 kg. This value may vary depending on the surface and ambient conditions.

PACKAGING

Bestkim Adhesive Mortar; It is presented in net 25 kg kraft bags and a total of 80 pieces (2000 kg) on a 105x105 cm pallet.

SHELF LIFE

Shelf life is 12 months when stored in its unopened original package, in a dry (max. 60% relative humidity) and cool (temperature between 5°C and 25°C) environment.

STORAGE CONDITIONS

It should be stored in its unopened original package, in a dry (max. 60% relative humidity) and cool (temperature between 5°C and 25°C) environment. It should not be left under direct sunlight. The mouth of the containers should be tightly closed when not in use.

SAFETY RECOMMENDATIONS

Please refer to the Safety Data Sheet (SDS) for easy and safe application of the product.

CERTIFICATE OF CONFORMITY

