

BM-302 / STONE WOOL PLATE ADHESIVE MORTAR

PRODUCT DESCRIPTION

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

USAGE AREAS

Bestkim BM-302 Stone Wool Plate Adhesive Mortar ; It is used for bonding thermal insulation boards such as XPS, EPS and Rockwool in all buildings, indoors and outdoors.

PRODUCT ADVANTAGES

Does not slip on vertical surfaces Provides high strength and adherence in application. It is resistant to water, frost and thermal temperature changes. Easy to prepare and use.

TECHNICAL SPECIFICATIONS

Chemical Structure: Cement-based and polymer-added adhesive mortar

Color:	Gray
Application temperature:	(5°C)-(30°C)
Temperature resistance:	(-30°C)-(60°C)
Pot life:	2 hours
Time to wait between coats:	4-5 hours
Dry bulk density :	1400±200 kg/m ³
Compressive strength:	≥ 6.0 N/mm ²
Bond strength: ≥	0.5 N/mm ²
Capillary water absorption:	WO
Reaction to fire class:	A1

These values are under 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 EN 998-1

SURFACE PREPARATION

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

APPLICATION METHODS

Care should be taken that Bestkim BM-302 Stone Wool Plate Adhesive Mortar does not form a film on the surface during application. Insulation boards glued with Bestkim BM-302 Stone Wool Plate Adhesive Mortar should be anchored after a minimum of 24 hours, and then plaster should be applied to the boards with Bestkim Rockwool Plaster.

APPLICATION RECOMMENDATIONS

25 kg BM-302 Stone Wool Plate Adhesive Mortar should be poured slowly onto 5.5-6.0 liters of water and mixed with a low-speed mixer (maximum 600 rpm) until a homogeneous mixture is obtained. Mixing Time: A low speed whisk should be mixed with the help of dry powder and lumps. Mortar; 3 - 4 min. 1 - 2 minutes before the application after resting. should be mixed again. After mixing the product, it should be used within the pot life. Products that have expired during the application should never be used. No foreign materials such as lime, cement, plaster should be added to the prepared mortar. Extra water should not be added to the mixture. Application should not be made on unstable surfaces. The durability and bearing of the old surfaces should be checked before the application process. During and after the application, the surface should be protected from air currents and contact with water should be prevented. It should not be applied on surfaces where there is a danger of frost within 24 hours, frozen or melting ice. In hot weather; care should be taken not to expose the material to direct sunlight and the mixture should be made with cold water. On hot surfaces with extreme wind or direct sun no application should be made, if there is an obligation to apply in these environments, the environment and surface should be made ready for application before starting. Application should not be made in rainy weather; the application surface should be protected from rain for 24 hours.

EQUIPMENT CLEANING

After the application, the mortar on the used equipment should be cleaned with water before it dries.

CONSUMPTION / CONSUMPTION

4.0±0.1 kg/ m² (for 3 mm application). 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 original unopened 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. packaging when not in use. mouth should be tightly closed.

SAFETY RECOMMENDATIONS

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

CERTIFICATE OF CONFORMITY

