

BTH-601 / GAS CONCRETE AND BIMS (PUMICE) ADHESIVE MORTAR

PRODUCT DESCRIPTION

It is a cement-based, polymer-reinforced, high-performance gas concrete and pumice adhesive mortar.

USAGE AREAS

It can be applied on aerated concrete panels, exposed concrete and cement-based plaster on interior and exterior facades.

SURFACE PREPARATION

The plate surface on which the application will be made must be clean and dry.

PREPARATION INSTRUCTIONS

5.25-5.75 kg (it may vary depending on the air temperature) clean and cool mixing water (25 kg) of powder material is poured into it and a homogeneous mixture is obtained without lumps in 3-4 minutes with a suitable low speed mixer and left(waiting time) for 5-10 minutes. The maturing material is mixed again and made ready for use.

APPLICATION

25 kg of BTH-601 should be poured into 6.0-6.5 lt of water slowly and mixed with a low-speed mixer until a homogeneous mixture is obtained. Any additives not specified in the application instructions should not be added. The prepared mortar should be rested for 10 minutes to mature. Mix again for 1-2 minutes before applying. The prepared mortar should be applied to the entire surface in equal thickness with the help of a notched trowel. The combed mortar should be adhered to the aerated concrete within 5-10 minutes. During the application, the horizontal and vertical joints should be maximum 3 mm. After the application with mortar, the aerated concrete should be fixed by ramming from the top and the side.

FEATURES / ADVANTAGES

It is easy to apply and does not require much labor.

It is not applied directly to the brick surface and plaster surfaces.

TECHNICAL SPECIFICATIONS

Compressive strength	(TS EN 1015-11)	5 N/mm ² /M5
Air content	(TS EN 1015-7)	< 20%
Bond strength	(TS EN 998-2)	-0.3 N/mm ² /Table Value)
Capillary water absorption	TS EN 1015-18)	≤ 0.40 kg/m ² .min0.5
Water vapor permeability	(TS EN 1745)	5/20 (Table Value)
Thermal conductivity	(TS EN 1745)	Performance Undetermined -NPD
Hazardous materials	(TS EN 12004-1)	See Safety Data Sheet.
Reaction to fire class	(TS EN 113501-1)	A1
Appearance		Gray Powder
Application Temperature		(+5C°) - (+30C°)
Temperature Resistance		(-30C°) - (+60C°)
Pot Life		2 Hours

CONSUMPTION

1.5 kg/m² (for 1 mm thickness)

PACKAGING

25 kg kraft bag

STORAGE

Shelf life is about 12 months. Products should be stacked in a cool and dry environment, on the condition that they put maximum 10 bags on top of each other.

THINGS TO PAY ATTENTION

It is easy to apply and does not require much labor.

It is not applied directly to brick and plaster surfaces.

DISPOSAL

Empty packaging can be thrown into collection boxes according to local-local regulations or recycling rules. Dispose of the used waste material as construction waste after drying and hardening. It is dangerous to destroy product residues by burning.

SAFETY INFORMATION

Keep the products out of the reach of children. Keep the covers of the products closed. It is recommended to use gloves and goggles while working. If the skin comes into contact with the material, it should be washed immediately with soapy water. In case of contact with eyes, seek medical advice immediately. For more detailed information, see the material safety data sheet.

CERTIFICATE OF CONFORMITY

