

HighBond BA

Cement Based, Thermal Insulation Board Adhesive

Product Description

Polymer modified, cement based and ready to use mortar which has high bonding ability and is used to bond polystyrene based heat and sound isolation sheets.

Areas of Application

It is used as an adhesive for Extruded Polystyrene (XPS), or Expanded Polystyrene (EPS) boards, and stone wall thermal insulation boards on horizontal and vertical surfaces and on interior and exterior of building facades.



Advantages

- It isn't affected by water.
- Ensures a very good bonding on concrete, brick, gas concrete, plaster, prefabricate panel etc. surfaces.
- Non sag.
- It is suitable for vertical, horizontal and ceiling applications.
- Very good compressive and bond strength.
- Suitable for internal and external applications.
- Cost effective (economical), hand applied no formwork is required.
- Requires no primer.
- Resistant against external impacts and frost.



Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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Method of use

Surface preparation

- All surface must be clean and free from oil, grease or loose materials.
- Substrate should be dimensionally stable.
- Allow time for shrinkage and structural strain movements.
- HighBond BA can be applied directly on concrete, cement plaster and masonry. In case of very porous substrate, water can be sprayed on the surface prior to the application.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

Technical Data

Powder Color	Grey
Package	Craft sacks of 25 kg
Density	1,7 kg/l (powder)
Operation temperature	Surface temperature min. 5°C
Service temperature	-40 °C to +80 °C
Pot life	60-90 minutes
Compressive strength	>13 MPa @28 days
Flexural strength EN1015-11	>5 MPa @28 days
Bonding period	24-48 hours
Adhesion strength with concrete substrate : EN 1015	>1.5 Mpa
Adhesion strength with EPS boards: EN13494	>105 KPa ² @ 28 days
Consumption	Depending on the surface condition, approximately 2-3 kg/m ² /1.5 mm thickness powder material
Application Equipment	Toothed comb

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Packing

HighBond BA is available in 25 Kg bags.

Storage

HighBond BA has shelf life is approximately 24 months. Products should be stored in a cool and dry environment provided that maximum 6 bags will be put on top of each other.

Fire

HighBond BA is nonflammable.

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