

Plasti Board

Thermal Insulation Board Plaster

Product Description

It is cement based ready-mixed mortar which is used to plaster on polystyrene based thermal insulating panels, has high strength, high adherence, modified polymer and it is ready to use.

Areas of Application

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

Advantages

- Shrinkage controlled polymer modified structural plaster and repair mortar.
- Single component, easy to apply.
- Extremely low permeability to water (Doesn't get affected by water).
- Resistant against external effects and frost.
- Thixotropic properties allowing extra high build for vertical and overhead applications.
- Thanks to polymers it contain, it has a light elastic structure.
- Very good adherence.
- Suitable for internal and external applications.
- Cost effective (Economical), hand applied no formwork is required.



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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Preparing the Surface

You should be observed that the surface of polystyrene sheet is clean and dry.

Technical Data

Powder Color	Grey
Package	Craft sacks of 25 kg
Density	1,7 kg/l (powder)
Operation temperature	Surface temperature +5°C / +40°C
Service temperature	-40 °C to +80 °C
Pot life	Approximately 60 minutes
Consumption	Depending on the surface condition, approximately 4–5 kg/m ² powder material
Storage	Its shelf life is approximately 6 months. Products should be stored in a cool and dry environment provided that maximum 6 bags will be put on top of each other.

Instruction for Preparing and Application

(25 kg) powder material is poured into 5,0-5,5 kg (it may vary depending on air temperature) of clean and cool mixing water and with a low-speed and suitable mixer, a smooth homogeneous mixture is obtained in 3-4 minutes and kept waiting for 5-10 minutes. Maturing material is mixed again and becomes ready for use. Water shouldn't be added to powder material. Application is recommended to be made in temperatures of +5 and +40 °C.

Prepared material is plastered on the polystyrene sheet surface with steel trowel. While the mortar is wet, plaster mesh is covered on the surface and (Plasti Board) Plaster mortar is plastered and adjusted in a way that forms a 2 mm thickness. After the first layer of plaster application, it should be waited for at least one day. After the second layer of plaster is applied, it should be sponged when the plaster mortar is nearly dry. The marks on the surface are cleaned and become suitable for plastering. After taking away the surface cure, any flashing system with a desired color and appearance can be applied.

Points to take into Consideration

- The prepared material must be used in approximately 2 hours.
- During application, the environment must be protected against sun and wind.

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Packing

Plasti Board is available in 25 Kg bags.

Storage

Plasti Board 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

Plasti Board is nonflammable.

Disposal

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