



Heat Insulation Adhesive (Cement based)

Bianca Heat Insulation Adhesive is a cement based adhesive mixture improved by several chemicals and polymer developed for attaching EPS, XPS or other insulation materials to the carrying surface.

Areas of Usage

Both interior and exterior works. Concrete, plaster, bricks, aerated concrete, panel and other kinds of mineral based surfaces; Used for installation of insulation panels of polystyrene and stone wool.

Specification

- Economical. Can be easily applied by means of a steel spatula.
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- Durable. Due to additives of polymer has a very strong attaching property. That is why it provides perfect adhesion between the panel and the wall surface.
- Water repulsive.
- Provides time and labour economy.

Preparation of Surface

The surface panels are to be installed on has to be durable. Pored absorbent surfaces are to be wet. The holes and cavities of the surface are to be mend at least 72 hrs before the application **Bianca Heat Insulation Adhesive**. The cavities between Initial Profile and the wall can be handled by means of some plastic fitting pieces.

Application

One bag of **Bianca Heat Insulation Adhesive** is dissolved in 6 - 7 lt of clean water and mixed by means of a mixer until a homogeneous mixture is obtained. Before the application the mixture should rest for 10 min and after that mixed once more. The mixture is to be consumed in 2 hrs. Within this period if the brakes ara had the mixture should be mixed once again. No operation should be performed during the whole period of drying.

Point Application Method

According to point application method the adhesive is laid on the perimeter of the panel by the lines with the 5 cm width of 5 cm and the thickness of 1 cm. In the middle of the panel **Bianca Heat Insulation Adhesive** should be laid with the intervals about 20 cm in circular shape with a diameter of 10 cm and thickness of 1 - 2 cm. Make sure that 40% of panel surface are covered with the **Bianca Heat Insulation Adhesive**.

The Method of Toothed Spatula

This method can be applied on absolutely flat surfaces. According to this technique, whole surface of the panel is covered by **Bianca Heat Insulation Adhesive** and than treated with a toothed spatula. The panels are to be installed in random order and from left to right.

Points to Consider

Should not be applied on unsteady surfaces. If the surface the **Bianca Heat Insulation Adhesive** is to be applied on is absorbent or too hot and dry due to weather conditions it should be wet. Do not lay the adhesive on the sides of the panel and do not leave gaps between them in order to prevent heat loss provide full adhesion between panel sides. The weather during the installation has to be above 5°C and should not decrease within 24 hrs. It is strongly recommended not to perform the application in windy weather or if there is a risk of rain.

Consumption

Under normal contitions the consumption rate of the product is 4 - 6 kg/m². This data may vary according to the application conditions as well as to hte type of surface.

Packing

It is packed in bags by 25kg \pm %2 in state of dry powder. It is allowed to lay 10 bags on each other.

Storage

The product is to be kept in dry and cool conditions being protected against harmful effects. It is suggested that packed product should be consumed within 6 months.

Güvenlik Uyarıları

Contains cement alkali based. In case of contact with eyes wash out with large amount of water and see a doctor immediately. Store in a place inaccessible for children.