

CRYSTAL

High performance antifungal adhesive for glass bricks.

Description

Special antifungal adhesive for laying and grouting glass bricks. Suitable for laying granite tiles, natural stones and heavy absorbent and non-absorbent tiles as well, on very uneven substrates that require a thick layer of adhesive. Provides excellent adhesion and resistance to abrasion, moisture and frost. It offers ease of application, as it has very good workability, no vertical slip and does not shrink. It is used for grouting glass blocks as well, since it offers protection against moisture and germs and no capillary cracks.

Technical Specifications

Form: white dry powder

Dry mortar density: 1,3 Kg/L

Pot life: > 3 hours

Open time: ≥ 20 min

Application temperature: +5 °C έως +35 °C

Consumption: 15-20 Kg/mcc²

Substrate surface preparation

Substrates must be in sound condition, flat, solid, rigid, durable and free from any factors that prevent adhesion such as dust, grease, etc

Mixture preparation

1. The adhesive must be prepared in a suitable container, by first pouring the required quantity of water and then gradually adding the contents of the bag, whilst stirring with an electric mixer at low speed (under 300 rpm).
2. The mixture should be mixed until a uniform lump-free homogeneous mortar is achieved.
3. The mixture must be left to rest for about 2-3 minutes and then stirred slightly again.

Water required for wall applications approximately 5,5 L for 1 bag of 25 Kg or 1,1 L for 1 bag of 5 Kg.

Water required for floor applications approximately 6,5 L for 1 bag of 25 Kg or 1,4 L for 1 bag of 5 Kg.

The quantity of water to be added, indicated on the packaging, is an approximate guide. It is possible to obtain mixtures with variable thixotropic consistency, according to the intended use. Adding much more water (>10%) than the prescribed ratio may result in

reduction of the coating thickness during curing, and subsequently in a reduction of the strength of the mortar. Regular stirring (every 45-60 min) without adding water is recommended.

Note: The Pot life / setting time mentioned will vary slightly with the outside temperature. Higher temperature results in shorter; Lower temperature results in longer life and time.
Do NOT use in temperatures below 5°C or over 35°C.

Instruction for use

Apply the mortar using using a notched trowel, in order to be applied uniformly on the whole surface. Within 20 min the glass bricks should be fixed by pressing them in the desired position. Open time under adverse weather conditions (sunlight, high temperatures, dry atmosphere, etc) or on highly absorbent surfaces, can be reduced even to a few minutes. Check periodically with your fingers whether a membrane has formed on the surface of the adhesive. In such a case, remove the dried part and add a quantity of fresh adhesive. Minor adjustments to alignment can be made within 10 min of the application.

Use water to clean adhesive residue from tile surface and keep the tile joints clear before drying.

Storage

In sheltered areas, low in moisture, for at least 12 months from the date of production.

Packaging

Heavy duty paper bag, 25kg.
Plastic bags, 5 Kg

Precautions and safety

The product contains cement and is classified as an irritant. No special precautions are necessary for product application except for standard precautions applicable to all construction operations i.e. using gloves and goggles; preventing prolonged skin contact, etc. In case of eye contact, immediately wash with plenty of water and seek medical advice if necessary. Collect empty bags and plastic covers and dispose of in refuse bins designated for this purpose. Consult instructions for safe use indicated on product packaging. For more information please refer to the material safety data sheet of the specific product.

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

BAUER BUILDING TECHNOLOGIES

Megara Industrial Estate, Attica

Tel: 210 5744222

Fax: 210 5740777

Email: info@netbauer.com

[http// www.netbauer.com](http://www.netbauer.com)

Frankfurt, Reg. No 312310 QM

Qualitätsmanagementsystem

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