



Bia-Fix Universal Acrylic Adhesive

Polymer Dispersion Based, High Performance, Ready To Use For Absorbent Surfaces, Tile, Ceramic And Glass Mosaic Adhesive

Areas of Usage

- Indoors, in horizontal and vertical applications,
- Glues materials such as tiles, ceramics, glass mosaics to gypsum board, cardboard, wood, gypsum plastered surfaces.
- In wet areas such as bathrooms,
- Gluing ceramics on ceramic,
- Gluing heat insulation panels. (Indoors)

Advantages

- Ready to use, not mixed with water.
- The study period is long.
- It is applied very comfortably, it is odorless.
- Flexible is not affected by vibrations.
- It conforms to floor stresses caused by temperature differences and is not affected.
- Not affected by humidity.

Technical Specificaion

Structure of Material	: Polymer dispersion, mineral fillers, special admixtures.
Color	: White
Adhesive Strength	: 1,0 N/mm ² (28 days)
Grout Application	: Minimum 3 days
Application Thickness	: Maksimum 3 mm
Application Floor Temperature	: +10°C / +25°C
Service Temperature	: -10°C / +70°C
Usage Time (Surface)	: 20 min.
Slip (mm)	: No
Wettability	: Min% 90
Full Cure Time	: (28 days)

Note: Above values are given at +23°C and 50% relative humidity. High temperatures shorten the duration, lower temperatures prolong the duration.

Preparation of Surface

The surface to be applied must be solid, cleaned of all kinds of oil, rust, paraffin, paint, bitumen residues and all loose parts which will prevent sticking to the floor. The surface must be level. Weak parts on the surface are cleaned before application to gasket, gypsum, cardboard, plasterboard, lime plaster surfaces with high water absorption.

Mixing

Bia-Fix Universal Acrylic Adhesive does not require mixing because it is a ready-to-use material Usability Test of Adhesive (Open Waiting Time):The fingers are pressed against the adhesive on the applied surface. If the adhesive is contaminated with fingers, the application of the ceramic, tiles and glass mosaics continues. If the adhesive is not contaminated by fingers, the application period of the adhesive has passed. In this case, a new adhesive must be applied which is etched from the adhesive surface.

Application Method

Bia-Fix Universal Acrylic Adhesive layer is applied to the application surface on the flat side of trowel with a thickness of 1 mm. To the large area that can be covered within 20 minutes of the open waiting time, **Bia-Fix Universal Acrylic Adhesive** is drawn in one direction to obtain uniform thickness with trowel gear side. **Bia-Fix Universal Acrylic Adhesive** is recommended to be applied behind each ceramic or tile to a thickness of 1 mm in order to close the irregularities in the application surface in bonding different ceramic or tiles with different thicknesses. When applying ceramics or tiles to the floor, the coating materials are floated in the paste to ensure complete contact with the adhesive paste. Application is completed by leaving the recommended grout gap according to suitable ceramic and tile sizes. **Bia-Fix Universal Acrylic Adhesive** grout fillers should be used to fill the remaining grout spaces. Grout application can be completed in about 3-4 days.

Attention: Bia-Fix Universal Acrylic Adhesive should not be used in outdoors, in base slabs, and constantly exposure to water (swimming pool and water tank). In the circumstances that the soil temperature is under the +10°C, the environment should be heated.

Consumption

Consumption of toothed trowel varies between 3,5 - 5 kg / m² according to tooth thickness. The material density is 1,72 kg / lt. It is recommended that the spreading thickness of **Bia-Fix Universal Acrylic Adhesive** is more than 3 mm.

Packing

15,00 kg

Shelf Life

It is 1 years from the date of manufacture in the appropriate storage conditions.
Opened packages should be kept tightly closed in suitable storage conditions and used within 1 week.

Storage

It should be stored in original unopened package, in cool and dry environment, protected from freezing. In short-term storage, maximum 3 pallets must be placed on top of each other and it must be shipped with the first-in first-out system. The pallets should not be placed on top of each other for long periods of storage. We protect from the ice. Do not store below +5°C.

Security Precautions

During the application, it must be used, in accordance with the Occupational Health and, Safety, the work clothes, protective gloves, goggles. Due to the irritant effects of curing materials, the components should not come into contact with the skin and the pore, in case of contact with plenty of soap and washed, if swallowed, seek medical advice immediately. Application areas should be ventilated and food and drinks stuffs should not be put into application areas. It should be stored at places where children can not reach it. For detailed information safety data sheet (Material Safety Data Sheet).

Responsibility

The information given in this technical document is based on our scientific and practical knowledge. Orkim Ortaklar Boya Sanayi ve Pazarlama A.Ş. it is only responsible for the quality of the product. Orkim Ortaklar Boya Sanayi ve Pazarlama A.Ş. shall not be held liable for any consequences which may arise from outside of the written suggestions about where and how the product will be used and/or due to incorrect use. The responsibility of applying our product correctly is the responsibility of the user.