

Ceramic Adhesives / Cement Based

FIXA FLEXUP

Tile and Ceramic Adhesive Mortar

DESCRIPTION

Cement-based, single component, polymer added, **high performance** adhesive powder mortar used to bond covering materials such as granite and ceramic. It offers long working time and reduced slip. (Class C1TE)

APPLICATION AREAS

- Indoor and outdoor
- Horizontal and vertical surfaces,
- Bonding medium and large size floor and wall ceramics, granite, porcelain ceramic, marble,
- clinker, mosaic, decorative brick, natural stone and travertine on concrete, plaster or screed surfaces in wet areas such as bathroom and kitchens.

TECHNICAL PROPERTIES

Appearance	Grey colored coarse powder
Powder Density	~ 1.50 kg/L
Mixing Rate	7 – 7.5 L of water / 25 kg powder
Resting Period	5 – 10 minutes
Pot Life	6 hours
Extended Open Time Tensile Adhesion Strength	After min. 30 minutes $\geq 0,5$ N/mm ² (EN 1346)
Application Temperature	Between +5°C and +35°C
Adhesion Strength	≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	≤ 0.5 mm (EN 1308)
Walk-on Time	24 hours
Service Temperature	-20°C / +70°C

ADVANTAGES

- Easy-to-apply
- Saves time and labor thanks to its long working time
- Has high adhesion strength
- Allows sufficient time to adjust bonded plates.
- Easily spread to the surface and combed with a trowel.
- Resistant to water and frost
- Provides high stability, does not cause sagging in vertical applications.
- Allows tiling downwards
- Allows working with various covering materials in different sizes,
- Covers large surface with less material and gives less load to the structure

CONSUMPTION

3.5 - 4 kg/m²

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be cured.
- The surface must be clear of materials which prevent bonding, such as dust, oil, tar, bitumen, paint, silicone, curing agents, detergents and mold release oils.
- The defects on the surface must be corrected 24 hours before the application with an appropriate FIXA repair mortar depending on the depth and the condition of the surface.
- The surface must be wetted and kept damp. If the water absorption of the surface is high, the product must be applied after the primer.

PREPARATION OF THE MORTAR

- Add 25 kg of FIXA FLEXUP Tile and Ceramic Adhesive Mortar to approximately 7 – 7.5 liters of clean water and mix it with a low speed mixer until there are no lumps.
- Leave the mortar to mature for 5-10 minutes, then mix again 1 – 2 minutes before use.
- The mortar must be used within 6 hours.

APPLICATION

- First form a contact layer by pressing the adhesive mortar strongly on the surface, then comb it with a notched trowel selected according to the size of the tiles.
- The adhesive mortar must contact at least 80% of the backside of the ceramic.
- Prefer double sided bonding method on uneven surfaces, in places that are exposed to heavy pedestrian or load traffic, and in cold storage depots or floor heating systems where the temperature changes are high, depending on the size of the plates, and apply the adhesive mortar both on the backside of the ceramic and on the surface, and fix them with combing directions perpendicular to each other.
- For better bonding, apply force with a rubber hammer
- In outdoor applications mix the product with **AQUALATEX** or the component B of **AQUACEMENT 2K 250**

CAUTION

- Avoid application below +5°C and above +35°C.
- Pay attention to the amount of water added to the mortar. Do not add more than necessary.
- Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind.
- Never add water or powder to the expired mortar.

PACKAGING

25 kg kraft bags

SHELF LIFE

Unopened packages can be stored in non-humid environments for upto 12 months, stacked maximum 10 packages on a pallet



Technical Data Sheet (TDS)

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HEALTH AND SAFETY

As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storage. During the application, work wears, protective gloves, goggles and mask should be used according to the work place health regulations. If swallowed by accident, consult a doctor. In case of contact with skin, rinse with water. Do not leave the package open. Keep out of reach of children.

* The application instructions and technical values given for the products have been obtained in our tests in accordance with international standards and our experience, at $23 \pm 2^{\circ}\text{C}$ temperature and $50 \pm 5\%$ relative humidity. These values may vary depending on ambient conditions. High temperatures shorten the durations, low temperatures extend them. Before starting the application, whether the product is suitable for the application and purpose should be tested by the user. FIXA Construction Chemicals is not responsible for application errors that may occur if the product is used outside of its intended purpose or if the application conditions and recommendations mentioned above are not followed. This Technical Data Sheet is valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that a new version is published. It is the user's responsibility to check the currency of the document. For more information, please contact our sales department.