

## BETEK BUILDING CHEMICALS

### BETEK FAYFIKS TA 15<sup>®</sup>

A cement based granite and marble adhesive with polymer additives, high performance, improved flexibility and sliding resistance, and extended open waiting time. It is an flex and highly thixotropic product which can easily be combed.

Conforms to TS EN 12004 Standard class C2TE.

#### APPLICATION AREAS

Used for affixing of materials like granite, marble, ceramic, natural stone, large size ceramic, glass mosaic, porcelain ceramic on interiors and exteriors. Recommended to be applied on cement-based plaster, screed and concrete surfaces. Suitable for use in areas such as hospitals, schools and business centers with heavy pedestrian and load traffic. Suitable for use of heavy materials like marble and granite in vertical and horizontal surface applications. Suitable for use in wet places such as Turkish baths, saunas and pools.

#### FEATURES

Fayfiks TA 15 easily adheres to the application surface thanks to its special materials and does not slip; gives tile and ceramics the ability to be processes thanks to its flexing tolerance. It is resistant to temperature differences and has excellent adhesion performance on exteriors. It is easy to comb, and its long working time saves time and labor.

#### TECHNICAL SPECIFICATIONS

|                                  |                             |
|----------------------------------|-----------------------------|
| Color                            | Gray                        |
| Dry Powder Density               | 1.4 ± 0.1 g/cm <sup>3</sup> |
| Container Drying Time (Pot Life) | Approximately 2 hours       |
| Water Blending Ratio             | 7.0 - 7.5 L                 |
| Open Waiting Time                | 30 minutes                  |
| Joint Application Time           | Minimum 24 hours            |
| Adhesion Strength                | ≥ 1.5 N/mm <sup>2</sup>     |
| Slip                             | ≤ 0.5 mm                    |
| Fire Response Class              | A1                          |

The above specified figures are valid for 23 ± 2 °C temperature and 50 ± 5% relative humidity. The time shortens at hotter conditions and extends at colder conditions.

#### APPLICATION

Ensure that the application surface on which Fayfiks TA 15 will be applied is clean, dry and firm. Scrape the rough spots on the application surface.

Wet the porous and water absorbing surfaces before application. Apply the product after waiting for the water layer to disappear. Smoothen the small imperfections on the surface with Stako 0 (thin repair mortar) and large imperfections with Stako (thick repair mortar) at least 4 days before application.

Application: Pour 7.0- 7.5 L of water into a container, and add 25 kg Fayfiks TA 15 slowly. Mix with low rpm until a homogeneous mixture is obtained. Let the prepared mortar rest for 5 minutes after mixing and mix again for 1-2 minutes before application. The mortar should be spread onto the surface with a comb of appropriate tooth size. Marble or granite affixing should be completed in a maximum of 30 minutes.

- Used for applications of mid size ceramic etc. coatings up to 3 meters height with maximum 10 mm thickness and 33x33 cm size on exteriors. Adhesive should be applied on both sides (application surface and the back side of the coating).
- Tile spacers should be used for a healthy application and rubber hammer should be used for good adhesion.
- The ambient temperature should be between +5 °C and +30 °C.
- Avoid application under direct sunlight.

## CONSUMPTION

| Ceramic Size                  | Tooth Size  | Consumption                                           |
|-------------------------------|-------------|-------------------------------------------------------|
| Between 10x10 cm and 20x20 cm | 8x8x8 mm    | 4-5 kg/m <sup>2</sup>                                 |
| Between 20x20 cm and 60x60 cm | 10x10x10 mm | 7-8 kg/m <sup>2</sup> (Double sided adhesive bonding) |

The specified consumption values are approximate. Since there will be differences based on the number of pores and holes on the surface, the precise consumption can only be determined at the end of the application.

**STORAGE** May be stored for 1 year in its original packaging at a cool and dry place protected from moisture, freezing and direct sunlight.

**Signal word** Danger

• **Hazard-determining components of labelling:**

Cement, portland, chemicals  
calcium dihydroxide

• **Hazard statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P321 Specific treatment (see on this label).  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

