

POMEX WATER BOND



Cement Based, Rapid Setting Plugging Paste

Description

Cement based, rapid set when mixed with water, hardens with expansion and appropriate for montage and repairing water plugging mortar which provides high adherence.

Certified to EN 1504-3 CE.

Areas of Usage

- *Outdoor and indoor places, vertical or horizontal applications.
- *Filling and plugging water leakage before insulation.
- *To stop the pressurized or leaking water in a short time in foundations, supporting walls, elevator shafts, water tanks and concrete pipes.

Features of Product

- *It sets rapidly without shrinking.
- *Its structure does not contain chloride.
- *It is one-component, just add water.
- *It creates waterproof plug by expanding.
- *It has high resistance and stability.

Application Procedure

Surface Preparation

The application surface should be solid, bearing, dust-free and clean. Any oil, rust, paint, paraffin and curing residue should be removed, as they may weaken the adherence. Remove any loose parts on the surface. The cracks and holes on the surface should be cut vertically in 20mm width and depth.

Mixing

The product sets really fast, so prepare it in small amounts. Put eile WATER BOND in a clean mixing bucket in the amount to be consumed in 60 seconds. Add adequate water. Use a proper glove to mix the component with your hands.

Mixture Ratio:

For 5 kg: 1,25 liter-1,75 liter water (water ratio may vary in accordance with the weather conditions). For 1 kg eile WATERBOND product, add 0,25liter -0,35 liter water.

Application Method

The crack with the active water leakage is opened until you reach the solid ground. At least 2 cm depth and width are required. Mix eile WATER BOND with adequate water, form a cone and apply it on the area with leakage in just one move when it starts getting warm. Apply pressure for 60 seconds. For closing wider holes, the process above is applied a few times from the surrounding of the hole towards the center.

Consumption

It varies.

Points to take into Consideration

- *Do not add any foreign material.
- *For application during high water pressure, put a hose to the leakage hole and apply by decreasing the pressure.
- *Proper application temperature is between +5 °C +25 °C. The application and setting times of cement based systems are affected by temperature and humidity.
- *Do not use it on bricks, gas concretes and poorly plastered surfaces.
- *Do not use it on moveable surfaces.
- *During cold weathers, use warm or hot water.

Packaging

5 kg plastic bucket.

Storage

It should be stored in cool and dry placed in its original unopened package with a maximum 10-fold stacking.

Shelf Life

6 months starting from the date of production, in its original unopened package and under specified storage conditions. The opened packages should be closed tightly and kept in appropriate storage conditions, and consumed as soon as possible.

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Technical Specifications

Structure of the Material: Contains Mineral Filler and Special Cement

Color: Grey

Compressive Strength: ≥ 25 N/mm² (28 days)

Adhesion Strength: $\geq 0,5$ N/mm² (28 days)

Application Surface Temperature: +5 °C - +25 °C

Application Time: 1-1,5 min (20 °C)

Complete Drying: 2-3 min (20 °C)

Mode values are obtained as a result of the experiments made at +23°C, 50% relative humidity, 4x4x16 cm mortar prism conditions. High temperatures shorten, low temperatures extend the times.

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12

Compressive strength: R2
Bond strength: $\geq 0,8$ N/mm²
Fire reaction category: A1

Safety Recommendations: Please wear the coveralls, protective gloves, glasses and mask suitable for occupational health and safety. Make sure that it does not contact the skin and the eyes; in case it does, wash with plenty of water. In case swallowed, contact the closest health care institution immediately. Keep out of the reach of children. Keep food and drinks away from the application areas.

Responsibility: In case the recommendations and application conditions specified above are not conformed, the applications (misuse) do not fall under the responsibility of **POMZA EXPORT A.Ş., the producer of eile POMEX branded products.** The user is responsible for whether the product is used in accordance with its purpose, as well as the validity of application conditions and forms. **eile Pomex Construction Chemicals** does not accept any indemnity claim concerning the results, work accidents, direct or indirect damages or losses due to the misapplication of the products.

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