

Cement and Acrylic Resin Based Two-Component Perfectly Flexible Waterproofing Material

Description

A cement and acrylic resin based, two-component, flexible waterproofing material with and waterproofing admixtures.

Certified to EN 1504-2 CE

Ministry of Environment and Urban Planning Item
No: 04.477 / 2

Areas of Usage

- *For insulation of beneath ceramics in wet areas such as bathroom, kitchen, balcony and toilet,
- *In terraces (provided that its top will be covered),
- *In swimming pools,
- *In indoor and outdoor places, it is applied on the direction it is exposed to water in vertical and horizontal applications.

Application Procedure

Surface Preparation

The application surface should be solid, bearing and clean. Any oil, grease, rust, paint, paraffin and curing compound residue which reduce adherence should be removed. The places with water leakage should be filled with **WATERBOND**. The corners and the edges should be chamfered with the product **eile TH 70**. The surface on which application will be carried out should be primed. The surface should be saturated with water before the application. Any free water should be removed from the floor before the application. In case, the application floor is not wet enough, the application surface may dry quickly. In these cases, 1 kg of water is added to the mixture just for the first layer of the application.

Mixing

Pour the 10kg component B (liquid) in a clean mixing bucket, and then add 20kg of component A (powder) little by little. It is mixed with a low speed mixer for 4 - 5 minutes until obtaining a homogenous mixture. The mixture waits for 3-5 minutes and mixed again for 30 seconds. It is now ready for application.

Mixture Ratio

Component A: 20 kg Component B: 10 kg

Application Method

Apply the mixture with a brush. Apply 2 or 3 layers. In each layer, the direction of the brush application should be perpendicular to the direction of the previous application.

Consumption

At least 2 kg/m² for 1 mm thickness.

Points to take into consideration

- *Do not apply to surfaces which is frozen, melting or under the risk of frost.
- *The applied surface should be protected against frost and extreme wind for 3 days.
- *Do not add any foreign substance in any way.
- *The surfaces with incomplete curing should not be exposed to water.
- *The surface and the ambient temperature should be between +5 °C and +30 °C during the application.
- *Wait for 3 days before covering the terrace applications.
- *The mixture should be consumed in 90 minutes.

Cleaning of Tools

The tools and equipment used during application afterwards should be cleaned with water. Once the material dries out, it can only be cleaned by mechanical methods.

Packaging

Component A: A 20 kg kraft sack
Component B: A 10 kg plastic drum

Storage

It should be stored in cool and dry placed in its original unopened package and above + 5 °C. The component B (liquid) should be protected from frost.

Shelf Life

12 months starting from the date of production, in cool and dry places and in its original unopened package. The opened packages, unless they are mixed, they should be closed tightly and kept in appropriate storage conditions and consumed as soon as possible.

Technical Specifications

Structure of the material: (Component A):	Contains Polymer Modified Special Cements.
Structure of the material: (Component B):	Contains Copolymer Acrylic Resin.
Color	: Grey
Temperature of Application Ground	: +5 °C - +25 °C
Service Temperature	: -20 °C - +80 °C
Application Time	: 90 minutes (20 °C)
Minimum Drying Time	: 3 days (20 °C)
Density	: 1,8-1,9 gr/cm ³
Maturation Time	: 3-5 min. (the time needed before applying the material after it is mixed)
Covering	: 3 days (20 °C)
Waterproofing	: 7 days (20 °C)

Mode values: Obtained as a result of the experiments made at +23°C, 50% relative humidity conditions. High temperatures shorten, low temperatures extend the times.

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Crack bridging: ≥0,75 mm Capillary water absorption : ≤ 0,1 kg.m ² .h ^{0,5} Bond strength: ≥ 1N/mm ² Fire reaction category: C-s1,d0

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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