

POMEX T SEAL

Single-Component Waterproofing Mortar

Description

Cement-based, single-component waterproofing mortar containing water-repellent polymers.

Areas of Use

- Applied on both horizontal and vertical surfaces, inside and outside, from the direction of water flow.
- Suitable for small-scale terraces, balconies, water tanks, and ornamental pools.
- Applied in wet areas of the structure.
- Can be applied on cement-based mineral surfaces.

Product Features

- High adhesion strength.
- Can be applied with a brush or trowel.
- Vapor permeable.
- Suitable for both horizontal and vertical surfaces.

Application Procedure

Surface Preparation

The surface must be cleaned of dust, oil, and loose particles that may reduce adhesion. Surface imperfections should be repaired with *eile TH 60* or *eile TH 70*. Corners and edges should be chamfered with *eile TH 70*, or after priming, *eile PB 12* should be used for corners and edges. Based on the absorbency of the surface, prime with *eile ASTAR E* before application.

Mixing Ratio

Slowly add 25 kg of powder to 7-8 liters of clean water and mix with a low-speed mixer until a homogenous mixture is achieved. For trowel applications, reduce the water amount to 5-6 liters. After mixing, let it rest for 4-5 minutes, and mix again for 1-2 minutes before starting the application.

Application Method

Brush application should be done in 2 coats, with each coat applied at a right angle to the previous one. A total application thickness of 3 mm should be achieved. For trowel applications, this thickness can be applied in a single layer.

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.

Note: **eile POMEX** reserves the right to improve/revise the product and this technical document over time. This Technical Data Sheet supersedes the former Technical Data Sheet released for this product. The user must make sure that the available technical document is the latest updated version. If necessary, our company must be contacted to inquire the updating status of the document. AUGUST 2014 EIP-TDS-031-POMEX T SEAL-Rev0_eng

Consumption

For a 1 mm thickness: 2 kg/m²

Points to Consider

- The prepared mortar should be consumed within 30-60 minutes, depending on the temperature.
- Wait at least 7 days before applying ceramic tiles.
- Surfaces where *POMEX T SEAL* is applied should be covered with protective materials like ceramic or screed.
- The concrete substrate should be at least 28 days old before application.
- In applications exposed to direct sunlight, the surface should be covered.

Technical Specifications

Material Structure: polymer additives and special cement	
Color:	Gray
Application Temperature :	+5°C +30°C
Maturation Time :	5 minutes
(time to wait for application after mixing the material)	
Mixture density:	1,9±0,05 gr/cm ³
Adhesion strength	1 N/mm ²
Capillary water absorption :	<0,1 kg/m ² h ^{0,5}
Time between coats:	minimum 6 hours (20 °C)

The above values are given for +23°C and 50% relative humidity. High temperatures shorten times, low temperatures lengthen them.

Cleaning of Tools

Tools and equipment should be cleaned with water immediately after use. Once the material hardens, it can only be cleaned mechanically.

Packaging

25 kg kraft bag

Storage

Store in unopened original packaging between +5°C and +30°C, protected from direct sunlight and frost.

Shelf Life

12 months from the production date under proper storage conditions.