

# POMEX 2K

## Two-Component Semi-Elastic Waterproofing Mortar

### Description

Cement and liquid polymer based, two component, semi-elastic waterproofing mortar.

### Areas of Use

- \*In vertical and horizontal applications where water comes from the direction of the application
- \*Under screed and ceramic applications on terraces and balconies
- \*Basement walls, concrete pipes
- \*In water tanks
- \*As waterproofing material under ceramic in wet areas.

### Product Features:

- \*It is certificated for use in drinking water reservoirs.
- \*Forms a semi-flexible impermeable surface with excellent adhesion.
- \*Can be applied horizontally and vertically.
- \*Enhances the durability of the applied structure against external factors.
- \*Can be applied with a brush.
- \*Applied to damp surfaces.
- \*Vapor-permeable.

### Application Procedure

#### Surface Preparation

The surface to be applied must be free from dust, oil, and loose particles that may reduce adhesion. Surface irregularities should be repaired with **eile TH 60** or **eile TH 70**. Edges and corners should be chamfered with **eile TH 70**. Before application, the surface should be moistened with clean water and allowed to wait until there is no water layer on the surface.

#### Mixing

Pour 5 kg of component B (liquid) into a clean application bucket. Slowly add 20 kg of component A (powder). Mix with a low-speed mixer until homogeneous and lump-free. Let it rest for 5 minutes; then mix again for 30 seconds to prepare it for application.

#### Mixing Ratio

Component A / Component B: 4/1

### Application Method

The application should be done in 2-3 coats with a brush. Each coat should be applied perpendicular to the previous one. At least 6 hours should be waited between coats.

### Important Points

- \*Not suitable for negative water pressure.
- \*At least 3 days should be waited before tiling over it.
- \*At least 7 days should be waited before filling water tanks with water.
- \*The concrete surface to be applied must be at least 28 days old.
- \*Applications exposed to direct sunlight should be covered.
- \*Not suitable for wood, OSB, PVC, bitumen, painted, and metal surfaces.

### Consumption

2 kg/m<sup>2</sup> for 1 mm thickness

### Cleaning of Tools

Tools and equipment used should be cleaned with water after application. The material can only be cleaned mechanically after drying.

### Packaging

20 kg kraft bag  
5 kg plastic container

### Storage

It should be stored in its original unopened packaging within the temperature range of +5 0C to + 30 0C. The product should be protected from direct sunlight and frost.

### Shelf Life

Under the specified storage conditions, the shelf life is 12 months from the date of manufacture.

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## Technical specifications

**Material Composition:** Contains polymer additives and special cement (Component A)  
Contains copolymer acrylic resin (Component B). Color: Gray

**Application Temperature:** +5°C to +30°C

**Maturation Time:** 5 minutes (the time to wait after mixing before application)

**Time to Gain Mechanical Strength:** 3 days (at 20°C)

**Time to Become Waterproof:** 7 days (at 20°C)

**Full Curing Time:** 3 days (at 20°C)

**Maximum Usability of Mortar:** 90 minutes (at 20°C)

**Number of Layers to Apply:** 2 - 3 layers

**Time to Wait Between Layers:** At least 6 hours (at 20°C)

**Consistency:** Brushable consistency

Typical values: It was obtained as a result of experiments carried out at +23°C and 50% relative humidity conditions. High temperatures shorten times, low temperatures lengthen them.

**Safety Recommendations:** During application, appropriate workwear, protective gloves, goggles, and masks in accordance with occupational health and safety regulations must be worn. Avoid contact with skin and eyes; if contact occurs, wash thoroughly with plenty of water. In case of ingestion, seek medical attention immediately. Store out of the reach of children. No food or drink should be kept in the areas where the application is taking place.

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