

## Dispersion-Based, UV-Resistant Elastic Waterproofing Material in Liquid Form

### Description

An elastomeric resin-based, single-component, ready-to-use, super-elastic waterproofing material.

Certified to TS EN 14891 - TYPE DM  
Ministry of Environment and Urbanization Unit Price  
No: 04.379/I04

### Areas of Use

Used as a super-elastic waterproofing material in all indoor and outdoor areas of structures, including terraces, bathrooms, kitchens, and balconies.

### Product Features

- Ready to apply
- UV-resistant
- Water vapor permeable
- Super-elastic structure withstands temperature fluctuations
- Semi-fluid consistency allows easy detailing
- Fast and easy to apply
- Solvent-free
- Provides strong adhesion
- Resistant to freeze-thaw cycles
- Can be painted over and ceramic tiles can be applied on top

### Application Procedure

#### Surface Preparation

The surface must be free 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*. Ensure proper water flow towards drains. Before application, the surface should be wetted with clean water and any excess water must be removed.

### Priming

*eile Liquid Acrylic* should be diluted with water in a 1:1 ratio and applied as a primer. Ensure homogeneous distribution on the concrete surface.

### Application

Once the *eile Liquid Acrylic* primer has dried, the waterproofing material can be applied with a brush or roller. The material can be applied in 2 or 3 coats, depending on preference. Ensure that each coat has dried completely before applying the next one. Apply each coat in a perpendicular direction to the previous one.

### Consumption

- For 1 mm wet film thickness: 1.5 kg/m<sup>2</sup>
- For 1 mm dry film thickness: 1.7 kg/m<sup>2</sup>

### Points to Consider

- Do not apply on frozen, thawing, or frost-prone surfaces within 24 hours.
- Protect the applied material from rain and frost for the first 24 hours.
- Ensure the first coat has dried completely before applying the second coat.
- If the ambient and surface temperature is below +5°C or above +30°C, wait for appropriate conditions to apply *eile Liquid Acrylic*.
- The thickness of each coat should not exceed 1 mm.
- Surfaces that are walked on, such as terraces, should be reinforced with mesh.
- Not suitable for negative water pressure.
- Ensure each coat has fully dried before applying the next one.

### Cleaning of Tools

Tools and equipment should be cleaned with water after application. Once *eile Liquid Acrylic* has

hardened, it can only be removed mechanically from the surface.

## Technical Specifications

**Material Composition:** Elastomeric copolymer acrylic resin

**Color:** White

**Consistency:** Brushable consistency

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

**Density:** 1.5 g/cm<sup>3</sup>

**Adhesion Strength:**  $\geq 0.5$  N/mm<sup>2</sup>

**Time to Achieve Mechanical Strength:** 5 days (at 20°C)

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

**Crack Bridging Capability:**  $\geq 0.75$  mm

## Packaging:

20 kg plastic bucket

## Storage:

Store in unopened original packaging within a temperature range of +5°C to +30°C. Protect the product from direct sunlight.

**Shelf Life:** 12 months from the production date under the specified storage conditions.

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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