

# eile LIQUID ACRYLIC



UV Resistant Flexible Waterproofing Material in Liquid Consistency, Applied by Spreading

## Description

Acrylic resin based, ready for use single component, super flexible waterproofing material.

TS EN 14891 - TiPi DM

Ministry of Environment and Urban Planning Item No: 04.509

## Areas of Usage

Used as super elastic waterproofing material for indoor and outdoor places of all structures, wet places like terraces, toilets, bathrooms, kitchens and balconies.

## Features of Product

- \*It is ready for use.
- \*It is UV resistant.
- \*It is water vapor permeable.
- \*It is resistant to temperature differences with its super flexible structure.
- \*It creates easy solution for detailed areas with semi-fluid consistency.
- \*It is easy fast and easy to apply.
- \*It is solvent-free.
- \*It provides high adherence.
- \*It is resistant to freeze-thaw cycle.
- \*It is paintable and can be covered with ceramics.

## Application Procedure

### Surface Preparation

Remove any dust, oil and loose pieces from the surface as they may weaken the adherence. Fix the imperfections on the surface with **eile TH 60** or **eile TH 70**. The corners and the edges should be chamfered with the product **eile TH 70**. The water should be directed towards the drain. Before the application, wet the surface with clean water and wait until the water layers disappear.

### Priming

Dilute **eile LIQUID ACRYLIC** in 1/1 ratio with water and apply the mixture as primer. Make sure you apply the primer homogenously on the concrete surface.

## Application

Once **eile LIQUID ACRYLIC** primer is dry, apply with a brush or a roller. The material may be applied in two or three layers optionally. For multilayer applications, make sure that the previous layer is dry before applying another layer. The application should be in single direction, the application direction of one layer should be perpendicular 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 take into consideration

- \*Do not apply on surfaces which are frozen, melting or under the risk of rain or frost in 24 hours.
- \*Protect the application surface from frost and rain for 24 hours after the application.
- \*Make sure the first layer is dry, before applying the second layer.
- \*Wait the proper temperature values if the temperature of application surface and setting of **eile LIQUID ACRYLIC** is not between +5 °C and +30 °C.
- \*The thickness of each layer should not exceed 1mm.
- \*Use mesh for terrace applications or surfaces where you may walk.
- \*Do not apply against negative water pressure.
- \*Wait for complete drying between the layers.

## Cleaning of Tools

The tools and equipment used during the application should be cleaned with water. Once eile LIQUID ACRYLIC hardens, it can only be cleaned by mechanical methods.

## Technical Specifications

|                                     |                             |
|-------------------------------------|-----------------------------|
| <b>Structure of the material</b>    | : Elastomeric acrylic resin |
| <b>Color</b>                        | : White                     |
| <b>Consistency</b>                  | : Brush consistency         |
| <b>Application Temperature</b>      | : +5°C +30°C                |
| <b>Density</b>                      | : 1,5 gr/cm <sup>3</sup>    |
| <b>Adhesion Strength</b>            | : ≥ 0,5 N/mm <sup>2</sup>   |
| <b>Mechanical Resistance within</b> | : 5 days (20 °C)            |
| <b>Waterproofing within</b>         | : 7 days (20 °C)            |
| <b>Crack Bridging Capacity</b>      | : ≥ 0,75 mm                 |

Mode values are for +23°C, 50% relative humidity conditions. High temperatures shorten, low temperatures extend the times.

## Packaging

25 kg plastic bucket

## Storage

Store in its original unopened package between temperatures +5 °C - + 30 °C. Keep away from direct sunlight.

## Shelf Life

12 months starting from the date of production under specified storage conditions.

**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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