



# ADH-WATERPROOF

## Waterproofing Coating

## Technical Data Sheet

### Definition

**ADH- WATERPROOF™** is an acrylic copolymer based liquid elastic coating and insulation material. It has much superior properties to existing materials used for waterproofing and is an elastic, impermeable, easily applicable to all types of surfaces, a solution to your problems, a colorable, long-lasting insulation material when dried.

### Application Areas

It is used in the insulation of concrete, plaster, cement board, galvanized, zinc, aluminum, PVC, polyester, wood-covered sloped roofs and terraces, in the waterproofing of external facades of buildings, in the insulation of details such as cracks, eaves, chimney bases.

### Product Features & Advantages

- It insulates the surface against water.
- It is easy to apply and has a semi-fluid feature.
- It is 5 times more elastic.
- It provides perfect adhesion to all kinds of building materials.
- It maintains its elasticity in hot and cold differences.
- It is resistant to weak chemicals.
- It has antibacterial properties.
- It prevents the formation of mold and fungus on the surface.
- It is resistant to UV rays.
- It is made of organic materials and is environmentally friendly.

### Surface Preparation

- Surfaces must be ready and dry.
- Surface should be cleaned from dust, dirt, oil and old blistered coatings that may prevent good adhesion.
- The sub-surfaces that are not strong enough to carry themselves e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.
- If necessary, surface cracks should be filled and substrate should be evened with crack filler.

### Application

- The opened package should be mixed at low speed.
- When the painting is interrupted for a long time, it is necessary to start the painting process again must be mixed again before starting.
- Especially in dry weather at temperatures between +5°C and +35°C should be applied.
- After the cleaned dry floor, a coat of primer should be applied.
- **ADH-Primer** should be applied as a primer and dried for 12 hours should be left.
- After the primer application, three coats of Waterproof are applied.
- In order to avoid cracks on the floor, 12 hours should be waited between coatings.
- It is recommended to apply min. in three coats.
- The application can be done with the help of a paint sprayer or roller.

### Post-Application Protection & Recommendations

- **ADH- WATERPROOF™** is a ready to use product. Please do not add any additives except those recommended in the data sheet.
- The product should be used within the shelf life. Products with expired shelf life must not be used.
- While covering **ADH- WATERPROOF™** applied surface, the waterproofing material should not be damaged by mechanical effects and it should be protected during the curing.
- Fresh applied surfaces should be protected against direct sunlight, strong airflow, high air temperature (over + 35°C), rain and frost during the first days.
- Keep packaging closed when application is interrupted. The product should be protected from freezing.
- It should not be applied at very high temperatures, under direct sunlight, in extremely windy, foggy, rainy, frost-risk weather conditions. Low temperature and high relative humidity can extend the drying time.
- It should not be applied in rainy weather and the applied surface should be protected from rain within 24 hours of application.
- It should not be applied against negative water pressure.
- Surface should not be exposed to heavy traffic.
- Surface and ambient temperature should be at between + 5 °C and + 35 °C during application.
- Consumption values in the technical table refers to an average consumption amount. It may vary depending on the application conditions and surface properties.



# ADH-WATERPROOF

Waterproofing Coating

## Technical Data Sheet

<b>Packaging</b>	18 kg (Plastic Bucket)
<b>Storage &amp; Shelf Life</b>	1 year at room temperature in its unopened original package.

---

<b>Technical Specifications</b>	(at 23 °C and 50% RH)
---------------------------------	-----------------------

---

### General Data

---

Appearance	White liquid
Structure	Polymer dispersion based
Density	Approx. 1.20 gr/cm <sup>3</sup>
Shelf Life	12 months when stored in the original packing.

### Application Data

---

Application Temperature Range	(+5°C) - (+35°C)
Drying Time	6 hours
Waiting Time After Application	Max. 48 hours
Singel Coat Consumption	240 gr/m <sup>2</sup> singel coat (It varies depending on the surface.)
Three Coats Min. Consumption	720 gr/m <sup>2</sup> 3 coats (It varies depending on the surface.)
Three Coats Mix. Consumption	900 gr/m <sup>2</sup> 3 coats (It varies depending on the surface.)

