

**ELASTOMERIC RESIN BASED, SINGLE COMPONENT,
UV RESISTANT, LIQUID WATERPROOFING MATERIAL**

Elastomeric resin based, single component, UV resistant, elastic, ready to use waterproofing material.



READY TO
USE



UV
RESISTANT



HIGH
FLEXIBILITY

TECHNICAL SPECIFICATIONS

Chemical Structure	Elastomeric resin
Density	1,40 g/cm (±0,1)
Bond Strength	≥1,0 N/mm ²
Elongation at Break	≥%400
Capillary Water Absorption	≤0,1 kg/m ² h ^{0,5}
Crack Bridging (+20°C)	≥2 mm
Crack Bridging (-5°C)	≥1 mm
Touch Time	2 hours
Drying Time	48 hours
Time to Gain Mechanical Strength	7 days
Consumption	1,50-2,00 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

ADVANTAGES

- Ready to use.
- Easy and fast to apply.
- High bonding feature.
- Provides seamless and jointless waterproofing on the applied surface.
- UV resistant.
- High elasticity. Maintains elasticity at low temperatures.
- Has the ability to bridge capillary cracks.
- Permeable to water vapor. Allows concrete to breathe.
- It can be painted with water-based paints.
- Solvent free, non-toxic. Suitable for potable water contact.
- Dirt repellent and easy to clean.
- Resistant to light pedestrian traffic.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- Mineral based surfaces, zinc, aluminum, sheet metal surfaces,
- Flat and pitched roofs, gutters, chimneys and parapet edges,
- Terraces and balconies,
- In waterproofing applications of wet floors such as kitchen, bathroom etc.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +10°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate BULDPRepair product.

PREPARATION OF MIXTURE

- BULDPProof AC 50 is ready to use. No additives or diluents are required.
- It should be stirred before and during application.

APPLICATION DETAILS

- BULDPProof AC 50 is applied to the surface with a brush, roller brush or airless spraying machine (spray).
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Apply at least two coats. The direction of the application layers should be perpendicular to each other.
- Corners and edges should be supported by applying BULDBrace WT 10 after the first coat.
- It is recommended to use BULDBrace RM 12 sealing mesh between coats against water pressure or in the case of walkable roofs, as it increases the load-bearing features of the waterproofing system.
- The waiting time between coats is 6 hours.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.
- BULDPProof AC 50 is not applied against negative directional water pressure.
- BULDPProof AC 50 is not suitable for water tanks, swimming pools and foundation waterproofing under constant water pressure.

CONSUMPTION

- 1,50-2,00 kg/m² (for 1 mm thickness)

EQUIPMENT CLEANING

- Equipment should be cleaned with soapy water immediately after use. Cured material can be cleaned with thinner.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.



SAFETY PRECAUTIONS

- During use, work clothes, protective gloves and masks should be used in accordance with the rules of Occupational and Labor Health. Eye, mouth and skin contact should be avoided and the contact area should be washed with plenty of water. In more dangerous situations or in case of ingestion of the product, a specialist doctor should be consulted immediately. Food and beverages should not be brought into the application areas. Keep out of the reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

PRODUCT LIABILITY

- BULD İnş. San. ve Tic. A.Ş., is only responsible for the quality of BULD branded products. All data presented are the result of practical and scientific studies. The manufacturer cannot be held responsible except for the use of the correct products in appropriate areas and conditions.

LEGAL NOTES

- The information and recommendations for the use of BULD branded products are provided in good faith based on technical knowledge and BULDience, provided that they are maintained and handled under normal conditions and in accordance with the recommendations. Along with the products, the areas of use and surfaces may vary widely. It is necessary to ensure that the correct BULD branded products are applied on appropriate surfaces and under appropriate conditions. In addition, all information and instructions regarding commercial factors and technical conformity must be strictly followed. The manufacturer cannot be held responsible for any damages and problems that may occur if not complied with. The applicator/user is obliged to make the relevant checks to ensure these details. The specifications of BULD branded products may be changed when necessary. The property rights of third parties must be respected. When the order is confirmed, all existing technical conditions are essential for sales and transportation.

REFERENCE STANDARDS: TS EN 14891 / DMO1P Class

