



BRONYA AQUABLOCK PRISM

We present to you a transparent, polymer, waterproofing, one-component material based on the dispersion of a modified rubber polymer in a mixture of organic solvents, functional additives, and an ultraviolet stabilizer BRONYA AQUABLOCK PRISM.

BRONYA AQUABLOCK PRISM forms a transparent rubber surface.

These products are made thanks to many years of high-tech experience and own developments of Bronya technologists.



WHERE AND HOW IS IT USED?

Ideal in terms of operational properties, unique and high-tech in its composition can be applied both in the cold and in the warm season.

Waterproofing of foundations: concrete, brick; Engineering hydraulic structures (sewage treatment plants, collectors, sluices, aqueducts, canals) and other engineering communications; Pools and ponds, artificial streams and waterfalls; Reservoirs, including for drinking water; Waterproofing of brick and plastered walls with textured (relief, volumetric) plaster with color preservation and the texture of the surface.

It is a rubber varnish and a rubber primer (including for BRONYA AQUABLOCK EXPERT) for any kind of base (except for greasy surfaces to the touch: polyethylene; polished glass, etc.), where it is necessary to preserve the surface design, color scheme.

It has increased elasticity. High adhesion to many types of materials makes it possible to repair surfaces with difficult to diagnose leakages.

The average consumption per layer is **250-300 grams per 1 square meter** (approximate consumption when applying a brush coating on a flat non-absorbent surface). The material consumption is affected by the type of surface and the method of application.

ADVANTAGES:

- ▶ Increased adhesion to various surfaces, weather resistance, wear resistance, elasticity and strength even at subzero temperatures
- ▶ Has an increased **percentage of stretching up to 800%**
- ▶ Application by all available methods: brush, roller, airless apparatus
- ▶ **All-weather application:** from -25°C to +35°C
- ▶ Does not require dismantling of the old coating
- ▶ Quick-drying coating
- ▶ To protect the PU insulation
- ▶ Service life of at least **10 years**
- ▶ Creates a seamless waterproofing coating resistant to UV radiation
- ▶ Elasticity and strength even at subzero temperatures
- ▶ Tinted in any color according to the palette
- ▶ **Increased resistance to temperature changes** from -55 °C to +150 °C
- ▶ Resistance to oily products, acids, alkalis, salt solutions
- ▶ Facilitates the construction of the roof
- ▶ After drying, the coating does not slip, which reduces the risk of injury
- ▶ Low consumption

MANUAL

BRONYA AQUABLOCK PRISM is a transparent, polymeric, waterproofing material, which is a liquid one – component composition based on the dispersion of a modified rubber polymer in a mixture of organic solvents, functional additives, and an ultraviolet stabilizer.

BRONYA AQUABLOCK PRISM forms a transparent rubber surface.

The main purpose of BRONYA AQUABLOCK PRISM is roofing work, both the restoration of the old roof without dismantling it, and the creation of a new roof for all types of bases, as well as waterproofing work: for the repair and waterproofing of roofs, foundations, reservoirs, swimming pools, various horizontal and vertical surfaces. It is a rubber varnish and a rubber primer (including for BRONYA AQUABLOCK EXPERT) for any kind of base (except for greasy to the touch plastics: Teflon, polyethylene, PVC, polished glass, etc.), where it is necessary to preserve the surface design, color scheme.

It has increased elasticity. High adhesion to many types of materials makes it possible to repair surfaces with difficult to diagnose leakages.

Insulation work can be carried out on surfaces with **temperatures from -25 ° C to +35 ° C** (with an analysis of surface humidity). **The operating temperature of BRONYA AQUABLOCK PRISM ranges from -55 ° C to +150 ° C.**

1. Surface preparation

The insulated surface must be cleaned of dirt, rust, dust, old paint, remove crumbling elements, etc. In the presence of oily and greasy elements, it must be removed with a degreaser, or with xylene solvent or white spirit. **The surface must be dry** (including not condense).

There is no need to apply primer!

2. Preparation of waterproofing coating BRONYA AQUABLOCK PRISM

*****CHECK THE INTEGRITY OF THE SEALS BEFORE OPENING THE CONTAINER*****

BRONYA AQUABLOCK PRISM is ready for use, it must be intensively mixed with a mixer (at least 3-5 minutes). BRONYA AQUABLOCK PRISM does not require dilution, but, if necessary, adaptation to the method of application, dilution with xylene is allowed **no more than 3-10%**.

3. Application of waterproofing coating BRONYA AQUABLOCK PRISM

3.1 It is recommended to apply the material:

With a brush, roller or GRACO Mark 5, Mark 7, Mark 10 airless spray device with a 527 nozzle.

3.2 The average consumption per layer is 250-300 grams per 1 square meter (approximate consumption when applying a brush coating on a flat non-absorbent surface). The material consumption is affected by the type of surface and the method of application.

3.3 The insulation works must be carried out under the following conditions:

- **Normal weather conditions:** no rain, fog, strong wind
- **Air humidity:** no more than 80%
- **Ambient temperature:** -25°C to +35°C (with surface humidity analysis)
- **Attention!!! WORK IN WELL-VENTILATED AREAS (USE FORCED VENTILATION IN ROOMS, BASEMENTS, RECESSES!)**
- **DO NOT ALLOW NEAR AN OPEN SOURCE OF FIRE!**

3.4 The use of BRONYA AQUABLOCK PRISM as a varnish or primer is possible without the use of reinforcing material.

3.5 To reinforce joints, seams, it is necessary to apply the first layer of BRONYA AQUABLOCK PRISM and immediately, without waiting for it to dry, evenly lay a construction bandage (of any brand). After it dries before sticking, apply subsequent layers of BRONYA AQUABLOCK PRISM. The number of layers is determined by the type of absorbent surface, the quality of the reinforcing material, and the task to be achieved. **BUT not less than two layers!!!**

Important! It is recommended to remove the sprinkling of roofing coverings for the best result before applying!

The **drying time** of one layer of BRONYA AQUABLOCK PRISM coating is **from 15 to 30 minutes** at an ambient temperature of **+20 ° C**, **from 3 to 12 hours** at high humidity, raining or subzero temperatures.

The **complete formation** of the polymer surface takes **from 72 hours to 2 weeks**, under normal weather conditions, which leads to the formation of a seamless monolithic coating.

After finishing the work, the tool is washed with an organic solvent xylene.

■ 4. Safety precautions when working with BRONYA AQUABLOCK PRISM

1) **Attention!!! WORK IN WELL-VENTILATED AREAS (USE FORCED VENTILATION IN ROOMS, BASEMENTS, RECESSES!)**

2) **DO NOT ALLOW NEAR AN OPEN SOURCE OF FIRE!**

3) Use overalls, personal protective equipment of respiratory organs, vision, skin

4) Do not allow the waterproofing to get into the eyes and skin

5) In case of contact with the eyes, it is urgently necessary to rinse them with plenty of water and immediately consult a doctor

6) During the dyeing process, it is necessary to comply with the requirements of industrial sanitation and fire safety

■ 5. Storage and transportation conditions of BRONYA AQUABLOCK PRISM

Storage of BRONYA AQUABLOCK PRISM material is carried out in a tightly closed container in dry rooms **at temperatures from -25 ° C to +30 °C**.

The shelf life of the material is **12 months**.