

INSTRUCTIONS

for applying waterproofing coating **BRONYA AQUABLOCK EXPERT**

BRONYA AQUABLOCK EXPERT is a light-resistant, liquid, one-component composition based on a synthetic rubber polymer with the addition of solvents and functional additives, designed for the repair and waterproofing of roofs, foundations, reservoirs, swimming pools, as well as various horizontal and vertical surfaces. The **AQUABLOCK EXPERT BRONYA** is recommended to be applied to prepared surfaces. 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 the **AQUABLOCK EXPERT BRONYA** 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).

As a primer, it is possible to use the **BRONYA AQUABLOCK EXPERT** modification diluted with xylene solvent by no more than 30% (recommended for loose and porous surfaces), as well as the use of **BRONYA AQUABLOCK PRISMS as a primer**.

There is no need to apply primer!

Important! The primer layer is not considered the first layer.

2. Preparation of waterproofing coating **BRONYA AQUABLOCK EXPERT**

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

BRONYA AQUABLOCK EXPERT is ready for use, it must be intensively mixed with a mixer (at least 3-5 minutes). **AQUABLOCK EXPERT BRONYA** 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 EXPERT**

3.1 It is recommended to apply the material in 2 layers: with a brush, roller or GRACO Mark 5, Mark 7, Mark 10 airless spray device with a 527 nozzle.

3.2 The average material consumption is 500-600 grams per 1 square meter with a layer

thickness of 0.5 mm (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.

Recommended consumption and coating thickness when applied in 2 layers with a brush without surface reinforcement:

Consumption kg/m²	Film thickness, mm	Note
1,0 – 1,3	0,5 – 0,7	- for metal roofing materials, slate
1,5 – 1,7	0,8 – 0,9	- smooth concrete, soft surfaced materials in good condition
2,0 – 2,5	1,0 – 1,3	- soft surfaced materials, concrete in loose, poor condition

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

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

3.4 After applying the first layer of waterproofing coating **BRONYA AQUABLOCK EXPERT**, it is necessary immediately, without waiting for it to dry, evenly lay the geotextile (density 80-100 g / m²), immediately pressing it with a roller or smoothing with a brush. After it dries before sticking, apply a second finishing layer of **BRONYA AQUABLOCK EXPERT**.

Important! It is recommended to remove the sprinkling of roofing coverings for the best result before applying!
Instead of geotextile, you can use a sickle grid, a painting grid with a 2 × 2 mm cell, mainly for flat surfaces!

The drying time of one layer of the **BRONYA AQUABLOCK EXPERT** 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 EXPERT

- 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 for 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.

5. Storage and transportation conditions BRONYA AQUABLOCK EXPERT

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

The shelf life of the material is 12 months.