

# BRONYA



## SUPERFINE HEAT INSULATION

### INSTRUCTIONS for applying polymeric waterproofing BRONYA AQUABLOCK EFFECT NF

**Bronya Aqablok Effect NF** has excellent adhesion to almost all known material.

Insulation work can be carried out on surfaces with a temperature of +5°C to +50°C (ambient temperature should not be below +7°C during application and subsequent drying). The operating temperature of the Bronya Aqablok Effect ranges from -60°C to +80°C.

\*\*\*\*\***AVOID FREEZING!**\*\*\*\*\*

#### 1. Surface preparation

To prepare the surface for application of material: remove loose areas, point cracks, remove the oil inclusions, clean the concrete from the cement emulsion. After mechanical treatment of the surface should be carried out thorough dedusting using brushes or blowers. Concrete, brick and similar surfaces must first be primed with acrylic soil of deep penetration. As a primer, it is possible to use a polymer waterproofing **Bronya Aqablok Effect NF** diluted with water (for 1 part of the composition should take 5 parts of water). Primer consumption will depend on the porosity and absorbency of the surface.

#### 2. Preparation of polymer waterproofing Bronya Aqablok Effect NF

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

**Bronya Aqablok Effect NF** ready for use, it must mix well before applying on the prepared surface. If the composition is too thick to apply it with a brush or roller, then the material should be diluted with clean water (weighing no more than 5 percent of the polymer weight).

#### 3. Coating

It is recommended to work with a brush with stiff bristles, rubber spatula or airless spray (Graco, Wagner, etc.).

You can apply the coating to small surfaces or areas with complex configurations with a brush. Surfaces with an area of 100 m<sup>2</sup> can be treated with an airless sprayer. Apply insulation coating can be on the surface with a temperature of +5°C to +50°C. Work should be carried out in dry weather at a relative humidity of 90% (otherwise the drying time will increase significantly)!

Cannot process wet or icy surfaces – before work, be sure to clean and dry!

The second layer is applied after drying the first layer to the state, at which it ceases to be sticky when touched. Each subsequent layer is applied in a direction perpendicular to the previous one. The total thickness of the dry coating layer should not be less than 1 mm. Full polymerization of the Polymer waterproofing layer **Bronya Aqablok Effect NF** occurs in 24 hours. The thickness of the layer of 1 mm can be determined by the comb thickness gauge and material consumption of 1-1.2 kg / m<sup>2</sup> (approximate consumption when applying the brush coating on a flat surface) or the thickness of the "optical density" of the material (so that the material does not Shine through the substrate). The material consumption is affected by the type of surface and the method of application.

#### **4. Safety at work with polymer waterproofing Bronya Aqablok Effect NF**

##### **4.1 Individual protection.**

Under normal conditions, the product is safe. If the room is good ventilated or works are carried out outdoors - respirators are not need. In a room without ventilation - use standard respirators. To protect the eyes, use safety glasses. To protect the skin, use gloves and protective clothing.

##### **4.2 Critical situations.**

In case of contact with eyes , rinse immediately in running water for 15 minutes. If irritation persists - consult a doctor. In case of skin contact , wash with soap and water.

The product is not flammable in liquid state. In fire of structures or structures which are deposited on the coating, for fire use water, foam, dry chemicals and carbon dioxide.

In case of product spillage, use any absorbent material such as sand, soil, etc.

#### **5. Conditions of storage and transportation Bronya Aqablok Effect NF**

Storage material **Bronya Aqablok Effect NF** is carried out in a tightly closed container at a temperature of +5 °C to +40 °C, humidity not more than 80%, away from direct sunlight.

Transportation is carried out by any means of transport at temperatures above +5°C away from direct sunlight. Packaging of cargo for transportation must ensure the correct installation of containers and the safety of containers. Violation of the integrity of the container leads to damage to the material.

**In case of non-compliance with the instructions for application and storage of the material the manufacturer is not responsible for the quality of the coating.**