

BRONYA[®]

SUPERFINE HEAT INSULATION

INSTRUCTIONS for the use of thermal insulation putty BRONYA EXTRA LIGHT

***** DO NOT ALLOW FREEZING!*****

Thermal insulation putty Bronya Extra Light performs several functions simultaneously: Surface leveling, heat and

sound insulation, eliminates the appearance of fungus and condensation on the enclosing structures of buildings and structures.

Thermal insulation putty Bronya Extra Light for construction and finishing works designed for leveling internal and external surfaces of concrete, brick, cement-lime plasters, gypsum blocks and slabs, gas and foam concrete, GCL, GVL, etc. with an operating temperature from -60 to 70 ° C.

Extra Light Bronya is the finishing coating.

During transportation, storage, the ultralight filler and

a much heavier binder, after a while, is radically broken into fractions (up to the protrusion of the composition of the dry powder composition on the surface), and this is permissible.

Without following the measures described below, after transportation and storage. It is impossible to achieve the necessary state of the material for operability!

1. Preparation of thermal insulation putty Bronya Extra Light

Check the integrity of containers and seals.

Attention! The container is opened only for the preparation of the material, it is not allowed to be stored in an open state.

It is necessary to mix the material only with a mixer with a speed from 100 to 150 rpm. At least 3-5 minutes, with time control.

It is important that a possible error - the uniformity of the mass is visually achieved after a few minutes, as a criterion for a sufficient degree of mixing - is incorrect!

If necessary, additional introduction of distilled water is allowed, but not more than 5% of the volume (to achieve the required consistency of the material). important! When applying the material manually, dilution of the material with distilled water is **PROHIBITED** in a bucket. It is necessary to first transfer the necessary part of the material into a separate container, and only then dilute it.

2. Surface preparation

Before applying the Bronya Extra Light putty, it is necessary to prepare the surface to achieve the best adhesion and reduce material consumption.

Concrete surfaces.

The surface must be cleaned of flaking elements, loose areas, dust and dirt particles. If there are cracks, then they need to be embroidered. With subsequent sealing with cement-sand mortar. The surface must be pre-primed with a deep penetration acrylic primer (1-2 layers), to achieve the best result, we recommend using BRONYA series primers.

Brick surfaces.

To ensure good adhesion of the coating, the brickwork should be cleaned of efflorescences and old paint, after which the surface should be treated with an antiseptic (biocide). Also, the surface must be pre-primed with an acrylic primer of deep penetration (1-2 layers), to achieve the best result, we recommend using primers of the BRONYA series

Lime-plaster surfaces.

The base must be dry, strong, thoroughly cleaned of dust, dirt, oil and bitumen stains. The remnants of old paints should be removed. All protruding elements must be removed.

The surface must be pre-primed with a deep penetration acrylic primer (1-2 layers) to achieve the best. Therefore, we recommend using primers of the BRONYA series.

3. Application of thermal insulation putty Bronya Extra Light

We recommend applying with spatulas, plastering machines or airless sprayers (check the recommended brands and models of airless sprayers, as well as recommendations for setting them up with a representative in your region).

Surfaces with an area of 100 m² or more can be treated with a plaster machine (for example, Graco RTX 1500, Graco T-max 405 or others), or with an airless spray Graco Marc V, Graco Marc 7, Graco Marc 10 with a nozzle 321.

The Bronya Extra Light thermal insulation putty can be applied at a surface and ambient air temperature from +15 °C to +70° C (critical value of the surface and ambient air temperature +10 ° C for the time of application and subsequent drying within 24 hours of each layer). The surface must be dry and non-condensing, because

the material is liquefied by water, and it will not dry out.

Before applying, the surface must first be treated with a deep-impregnated acrylic primer for concrete surfaces.

The time of complete drying of one coating layer with a thickness of up to 1 mm is 24 hours at a temperature not lower than +15 ° C during the entire drying. According to the generally accepted painting and plastering rules, the material applied over 1.5 - 2 mm with an increase to 3.5 - 4 mm is interlayer reinforced with a wet layer of geotextile. The next layer can be applied only after the previous layer has completely dried. Applying a thicker layer of putty can lead to the formation of cracks and delaminations.

The thickness of the layer can be determined by the thickness gauge of wet films of the type "paint comb", with a material consumption of 1.1 liters per 1 m² with a putty thickness of 1 mm (approximate consumption when applied with a spatula on a flat surface). The material consumption is affected by the type of surface and the method of application.

The total thickness of the coating and the number of layers is determined by the thermal calculation or recommendations of certified regional representative offices of the manufacturer.

Extra Light Bronya is the finishing coating.

4. Storage and transportation conditions of Extra Light Bronya

Storage of putty Bronya Extra Light is carried out in a tightly closed container at a temperature from +5 ° C to +30 ° C, air humidity not more than 80%, away from direct sunlight.

Transportation is carried out by any type of transport at a temperature above + 5 ° C away from direct sunlight. The packaging of the 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. After opening the container, the shelf life is no more than 7 days.

In case of non-compliance with the instructions for applying and storing the material, the manufacturer is not responsible for the quality of the coating.