

BRONYA[®]

SUPERFINE HEAT INSULATION

INSTRUCTIONS

for the preparation and application of two-component composition BRONYA ANTICONDENSATE

ANTICONDENSATE BRONYA is designed for use in construction, reconstruction and repair of residential, civil and public buildings and structures. This modification is a unique material applied directly to wet and wet surfaces of pipes and equipment in operation when it is impossible to stop the technological process, or the supply of liquids through pipelines. BRONYA ANTICONDENSATE is an innovative solution to the problem of condensation on metal, glass, plastic, etc. surfaces of pipes and equipment. ANTICONDENSATION BRONYA prevents the accumulation and formation of moisture, which, coming off the surfaces covered with condensate, negatively affects the safety of equipment and items located in

industrial, administrative, office premises. After the use of BRONYA ANTICONDENSATE, this problem is completely eliminated, which prolongs the service life of pipes and equipment.

Before opening the container, it is necessary to ensure the integrity of the seals

When preparing the material, do not mix excessively. Prior to the start of work on the application of the Bronya material, the Anticondensate on the surfaces on which condensation does not form at the time of application must be moistened. Before the formation of droplets on the surface (apply with a spray gun or other convenient method).

TECHNOLOGY and organization of work

The BRONYA ANTICONDENSATE material is a 2-component composition:

"Component A" consists of a dry mixture of components containing closed-pored microgranules, titanium dioxide, zinc oxide, metcellose, as well as a number of unique additives that allow to obtain an effective material in a certain proportion.

"Component B" contains poly acrylic modified resins with the addition of plasticizers, biocides, fungicides and other functional additives for polymerization in a humid environment.

Anticondensate Bronya is prepared strictly according to the instructions, in accordance with the proportions specified in it and the exposure time. When mixing the components, the active components interact, resulting in a plastic, homogeneous mass, ready for application. Depending on the need, the thickness of the layer is selected. The Bronya Anticondensate kit consists of two packages, packaging which, for convenience, is made in such a way that both components are used completely when mixing.

1. Surface preparation

If no condensation forms on the surface at the time of application, it must be moistened (wet). Surfaces prepared for the application of the material should not have dusty or crumbling elements. To do this, the surface is cleaned with metal brushes, degreased if necessary, then moistened with water.

2. Preparation of the BRONYA ANTI-CONDENSATE coating **The preparation of the coating includes the following items:**

Before mixing, mix the contents of "Component B" to a homogeneous consistency and pour them in full into the original packaging with "Component A". The material is mixed either manually or mechanically. Observing the following conditions.

The maximum permissible mixing speed is 100 rpm. Exceeding the rotation speed will lead to a radical decrease (or cancellation) of the effectiveness of the thermal insulation coating, due to damage (destruction) of closed-pored microgranules.

Using vertical movements of the blade so as to immerse the thickened part in the liquid, turn on the drill and slowly start rotating the blade, mixing the clot with the liquid. Stir until the product becomes a homogeneous mass, without lumps, clots. The approximate mixing time is a mixer of 5 minutes, Manual mixing of 10 minutes (after connecting the full volume of "Components A and B").

2.1. For the preparation of the working composition when packing "Component A" - in a 20L gross container, "Component B" in a 10L gross container (while the volume after mixing components A and B is 17 liters).

Before use, it is necessary:

A) Pour half of the contents of the dry mixture "Component A" into a suitable container. Next, in the remaining "Component A" in the original packaging, completely pour out the contents of "Component B". Mix until a homogeneous consistency without lumps, clots.

B) Then pour the second part of "Component A" into the original packaging. And mix until smooth.

3. Coating BRONYA ANTICONDENSATE

The BRONYA ANTICONDENSATE coating must be applied manually. To do this, you need:

1. In your hands, make a small layer (cake).
2. Press against a wet surface. Next, point 1,2. Repeat.

For convenience, it is necessary to work in rubber gloves moistened with water.

BRONYA ANTICONDENSATE is applied with thickness from 2 mm to 4 mm at once with reinforcement with a construction bandage, impregnating and sinking it into a wet layer. The construction bandage is applied diagonally with a small overlap (overlap of each layer of the construction bandage is about 10-15%). The flow rate is 1 l per 1 m² with a layer thickness of 1 mm. When applying the second and subsequent layers, it should be borne in mind that the surface area of pipelines and cylindrical equipment with each layer increases, since its diameter increases due to the application of layers of BRONYA ANTICONDENSATE.

The repeated layers must be applied with waiting for interlayer drying for 24 hours with overlapping of joints of the first layer. The total thickness of the layer can be from 3 mm to 12 mm (with final reinforcement with a construction bandage).

4. Storage and transportation conditions Bronya ANTICONDENSATE

Storage conditions: in tightly closed containers at temperatures from -40 ° C to +40 ° C. Shelf life: 12 months. During transportation or long-term storage, stratification into fractions of "Component B" is allowed, which is eliminated by shaking the container.

Immediately before the preparation of the composition. Storage of the composition in a mixed form (mixed "Components A and B") for no more than 24 hours.

Transportation is carried out by any type of transport at temperatures above -40 ° C to +40 ° 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.

5. Requirements for occupational safety and health, environmental and fire safety

When applying the ANTI-CONDENSATION Bronya material, workers must be provided with:

- special shoes and overalls (GOST 12.4.103-83);
- rubber gloves (GOST 20010-93);
- cotton gloves (TU 17 RSFSR 06-7745-84);
- open or closed type glasses for eye protection;
- respirators RU-60M, RU-60M-A, RU-6 ONU, RPG-67A, SB-1, U2K, "Petal" (GOST 12.4.028-76*, GOST 17269-71*), F-62SH for respiratory protection. If the material gets on the skin, it must be removed with a hand cleaner and rinsed abundantly with water. The Bronya material, Anticondensate and solvents should be stored in closed, ventilated, explosion- and fire-proof rooms. Work on the application of the material should be carried out in strict compliance with the requirements of safety and labor protection, environmental and fire safety according to:

SNiP 12-03-2001. Labor safety in construction. Part 1. General requirements.

SNiP 12-04-2002. Labor safety in construction. Part 2. Construction production. SSBT. Organization of occupational safety training. General provisions.

SSBT. Fire safety. General requirements.

SSBT. Painting works. General safety requirements.

POT RM-016-2001 Intersectoral rules on labor protection (safety rules) during the operation of electrical installations.

SP 12-135-2002 Occupational safety in construction. Industry standard instructions on labor protection.

The exact value of all parameters: layer thickness, drying time, interlayer drying time, solvent addition, etc., must be found out from an authorized dealer in your region or directly from the manufacturer.

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.