

BRONYA[®]

SUPERFINE HEAT INSULATION

INSTRUCTION

Ultra-thin thermal insulation BRONYA STOP NOISE NF

BRONYA STOP NOISE NF is a vibroacoustic coating/mastic, which is designed to fill seams, joints, cracks, holes, construction defects and undamped connections in sound insulation structures, and at the same time for leveling internal and external surfaces made of concrete, brick, cement-lime plasters, gypsum blocks and slabs, gas and foam concrete, drywall, gypsum fiber sheet, etc. with an operating temperature from -60 to +70 °C.

It is characterized by the best vibration-insulating properties and is used to weaken the level of transmission of vibration and sound vibrations, performing the function of an elastic vibration damping layer.

It has good adhesion to almost all known materials, as well as low Newtonian fluidity, therefore, when applied to vertical surfaces, there is practically no "sliding" effect, even when applying a layer with a thickness of 1 mm.

BRONYA STOP NOISE NF is a finishing coating.

During transportation, storage, an ultralight filler and a much heavier binder, after a period of time, is radically divided into fractions (up to the protrusion of the composition of the dry powder composition to the surface), and this is acceptable.

Without observing the measures described below, after transportation and storage, it is impossible to achieve the necessary condition of the material for operability!

1. Preparation of vibroacoustic coating/mastic BRONYA STOP NOISE NF

It is necessary to ensure the integrity of the container 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 false step is the uniformity of the mass is visually achieved after a few minutes, as a criterion for a sufficient degree of mixing!

If necessary, additional introduction of distilled water is allowed, but not more than 5% of the volume (to achieve the necessary consistency of the material). **IMPORTANT!** When applying the material manually, dilution of the material with distilled water in a bucket is **PROHIBITED**. 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 vibro-acoustic coating /mastic BRONYA STOP NOISE NF, 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 particles and dirt. If there are cracks, then they need to be stitched. With subsequent sealing with cement-sand mortar. The surface must be pre-primed with a deep-penetration acrylic primer (in 1-2 layers according to the instructions for the primer), 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 efflorescence and old paint, after which the surface should be treated with an antiseptic (biocide).

Also, the surface must be pre-primed with a deep-penetration acrylic primer (in 1-2 layers according to the instructions for the primer), to achieve the best result, we recommend using BRONYA series primers.

Lime-plaster surfaces.

The base must be dry, durable, thoroughly cleaned of dust, dirt, oil and bitumen stains. The remnants of old paints must be removed. All protruding elements must be removed. The surface must be pre-primed with a deep-penetration acrylic primer (in 1-2 layers according to the instructions for the primer), to achieve the best result, we recommend using BRONYA series primers.

3. Vibroacoustic coating/mastic BRONYA STOP NOISE NF application

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

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

Vibroacoustic coating/mastic BRONYA STOP NOISE NF can be applied at surface and ambient temperatures from +15°C to +70°C (critical value of surface and ambient

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-penetration acrylic primer for concrete surfaces.

The complete drying time of one coating layer with a thickness of up to 1 mm is 24 hours at a temperature of at least +15 °C during the entire drying. The next layer can be applied only after the previous layer has completely dried. Applying a thicker coating can lead to cracks and delaminations.

The thickness of the layer can be determined by the thickness gauge of wet films of the "paint comb" type, 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 influenced by the type of surface and the method of application.

It can be a budget version of the ultrathin soundproof coating BRONYA SOUND BARRIER NF with a set of additional thickness.

4. Storage and transportation conditions BRONYA STOP NOISE NF

Storage of vibroacoustic coating / mastic Bronya STOP NOISE NF is carried out in a tightly closed container at a temperature from +5 °C to +30 °C, air humidity no more than 80%, away from direct sunlight.

Transportation is carried out by any type of transport at temperatures 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 the container. Violation of the integrity of the container leads to damage to the material. After opening the container, the storage 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.