

BRONYA

SUPERFINE HEAT INSULATION



Selection & Specification Data

Product Name	Bronya Anticondensate
Description	<p>BRONYA ANTICONDENSATE - a modification of thermal insulation designed for use in industry, reconstruction and repair of equipment. Unique material causing directly on damp and wet surfaces of pipelines and equipment of various shapes and configurations is in operation at the impossibility of stopping the process, or to provide liquids of pipelines.</p> <p>"Component A" consists of a dry mixture of components containing closed-microgranules, titanium dioxide, zinc oxide, metselloza, as well as a number of unique additives that allow a certain proportion receive effective material.</p> <p>"Component B" contains a modified poly acrylic resins with the addition of plasticizers, biocides, fungicides and other functional additives in a wet environment polymerization.</p>
Features	<ul style="list-style-type: none"> - Applied directly to wet, condensing surface of the pipeline; - Can be applied from 1 mm to 10 mm in one time, which greatly speeds up insulation work implementation; - Preparation of the work material is expressed simply mixing the two components in a provided container full; - Ease of application, after mixing the material is ready for application
Surface preparation	In case the surfaces are without condensate formation it must be humidified. Surfaces prepared for application must be without dusting or crumbled elements. For this purpose surface should be cleaned by wire brush and deoiled if there is a need, then the surface must be watered.
Average Coat Thickness	5-8 mm
Storage	Do not subject wet coating in pail form to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F
Weight	<p>"Component A" gross weight is 20L</p> <p>"Component B" gross weight is 10L</p> <p>(the capacity of the product for application will be 17L)</p>

Application

Coating BRONYA ANTICONDENSAT must be applied by hands.

Do this requires:

1. Make with hands a small layer (chapati shaped)
 2. Press it against wet surface
- Then repeat steps 1,2.

For convenience one should use water-lubricated rubber gloves. One layer thickness when applying Bronya Anticondensate is from 1 until 10 mm.

Consumption is 1l/1m² if layer thickness is 1 mm Under the second and next layers application it should be noted that pipelines and cylinder-shaped equipment surface area is increased with each layer, because by applying a layer Bronya ANTICONDENSATE the diameter is increased. Complete drying periode of one material layer, 1mm - 10 mm thick, is from 24 to 48 hours. It is possible to apply next layer only after the previous layer is completely dry (intercoat drying) in the space of 24 - 48 hours. Next layers must be applied covering first layer joints.

Application Thickness Product can be applied in successive coats to increase insulation ability. There are no upper limitations.

Storage conditions & transportation

Conditions of storage	in a tightly closed container at a temperature of -40 °C to +40 °C
Shelf life	12 months. When transporting or long-term storage it could be "Component B" bundle of fractions that is allowed. Bundle of fractions eliminated by package shaking directly before preparation of the composition.
Storage of the composition in mixed form	"Components A and B" is not more than 24 hours.

Cleanup & Safety

Cleanup	Equipment may be cleaned with soap & water
Safety	Half-face respirator recommended with ammonia cartridge or better. Eye protection recommended.
Ventilation	Recommended for constricted areas.
Caution	This material is not for human consumption
Clothing	Safety clothing & gloves are recommended

Coating Specifications

Appearance	Smooth uniform semi-matte white color	#.4.3 TC
Mass fraction nonvolatile substances, %, not less than	50	#.4.4 TC
Resistance of coat to static action of water at 20oC for 24 hours	without changes	GOST 9.403-80 method A
Color*	white	visually

* the color of the material can be changed (color indicated on the package)

Contact an accredited dealer in your area or the manufacturer for exact parameter values (coat thickness, drying time, intercoat drying, addition of solvent, etc.)

Mixing & Thinning

- Mixing** Only a mud mixing paddle should be used. Use 1/2" drill motor to stir contents with paddle. Make sure drill is set to reverse to ensure that the paddle will not mar the bucket's inner wall. Please consult NPO Bronya Ltd. for paddle, if needed.
- Thinning** Thinning is normally not needed. Please consult NPO Bronya Ltd. for specific instructions if thinning is desired.
- Pot life** Coating is one part, so no catalyzation is needed. Pail can be reused if properly sealed.
- Container** 20 liters (25kg)

Package, Handling & Storage

- Container Wet (with pail/lid)** 25.8–26.7 kg per 20 liters
- Net Contents** 25 kg per 20 liters
- Flash Point (Setaflash)** None
- Storage** Do not subject wet coating in pail form to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F.

CONDENSES THE PIPELINE?



APPLIED IN THICK LAYERS

DIRECTLY ON THE CONDENSATE

EASE OF APPLICATION



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