



**SUPERFINE HEAT INSULATION**

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Applied like a paint — works like a thermal barrier

# INTRODUCTION

Bronya LLC offers a product developed by Russian scientists - a liquid ceramic insulation material "Bronya" which thermophysical properties excel all known equivalents.

For over 12 years we produce and sell unique in the entire world coatings and liquid ceramic thermal insulating materials successfully competing with global and local brands.

Own production facilities, high-quality raw materials produced by leaders in the chemical industry, brilliant team of professionals let us offer our clients an exclusive line of Bronya extra-fine thermal insulations modifications.

# OUR BRONYA STORY

BRONYA LLC was established in 2008

2008

The company started a long journey of getting an [International / EU Certifications](#) for the various SKUs. At the same year BRONYA LLC was nominated as "The Best Product of the year - 2012" in the domestic region.

2012

Nano liquid thermal insulation "Bronya" was awarded as a laureate of ["100 Best Products in Russia"](#).

2015

The distribution network of BRONYA LLC grew to [over 270 companies](#) in Russia, Baltic countries, the European Union, the Arab World, Asia, New Zealand, Latin America, African countries

2018

The company BRONYA LLC has [8 patents for its developments](#) in the field of thermal insulation. More Distributors has joined BRONYA LLC, for example [from Canada and the USA and almost all EU countries](#): Austria, Bulgaria, Hungary, Ireland, Great Britain, Greece, Germany, Denmark, Italy, Spain, Latvia, Lithuania, Portugal, Poland, Romania, Slovenia, Slovakia, France, Finland, Croatia, Czech Republic, Sweden, Estonia

2020

# 1MM OF BRONYA EQUALS 50MM OF MINERAL WOOL

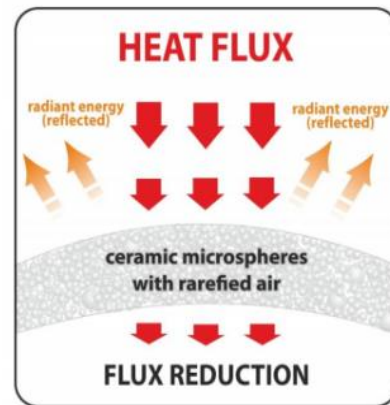
Bronya superfine heat insulation, thick heat insulation paint, is applied almost on any surface.

Applied as paint, acts as heat barrier!

After polymerization a surface gets flexible, matt and has unique thermophysical properties (1 mm of liquid “Bronya” heat insulation actually equals 50-60 mm mineral wool), prevents heat loss and condensate formation, ensures corrosion protection and protection against burns.



“Bronya” is very effective for purposes of heat insulation of building envelopes, roofs (where it absolutely excludes formation of icicles), walls from the inside, window jambs, hot and cold water pipelines, steam pipelines, chimneys, various reservoirs, trailers, ships, etc.



[WATCH VIDEO](#)

# BRONYA ADVANTAGES:



## Heat preservation

Heat flow reflection: 60-80%

Reduction of costs for heating of a building: up to 30%



## Protection against cold

Reduces the amount of cold air flowing into a building up to 45%



## Noise insulation

0.6 mm coat lowers the noise level to 2dB



## Water insulation

Latex in the material provides low water absorbing capacity, not higher than 0.03 g/cm<sup>2</sup>



## Safety

Environmental friendly material: contains no toxic and harmful substances



## Fire safety

Does not sustain combustion, which slows the spread of flame



## Anti-corrosion material



## Color matching

Any color can be applied, according to any interior



## Application to hot surfaces

The material is applied at a temperature from -60 to +260 C



## Simplicity of application

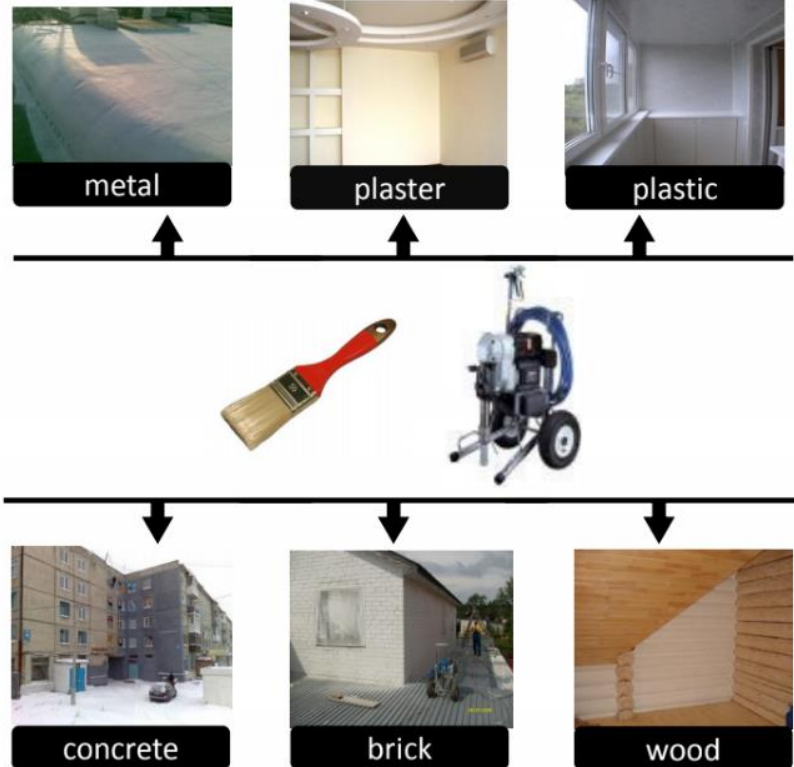


## Long service life (over 20 years)

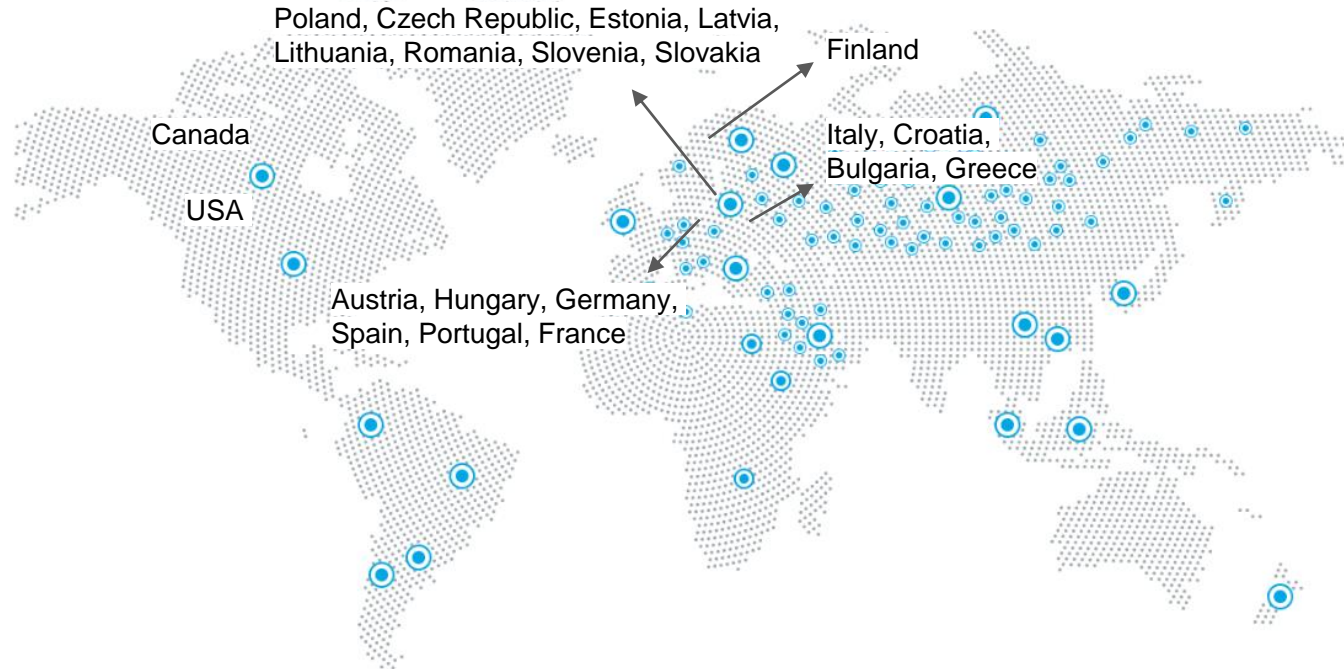


## Saving

“Bronya” is applied with a brush or a sprayer to any surfaces of any shape: metal, polyurethane, concrete, brick, wood, plastic, plaster, etc.



# WE HAVE OVER 400 DEALERS AND DISTRIBUTORS ALL OVER THE WORLD



# FIELDS OF APPLICATION



## Building and construction

thermal insulation  
of buildings



## Communal services

insulation  
of pipelines, fire-  
fighting of buildings



## For transport

wagons, containers  
and other large  
equipment



## Reservoirs

Insulation of cisterns,  
tanks for any purpose



## For industrial equipment

industrial  
and processing  
complexes



# OUR PRODUCT FEATURES

Easy to apply



Ultra-thin



Durable



Eco-friendly



# OUR PRODUCTS



## Building insulation

thermal insulation refers to the use of appropriate insulation materials



## Technical insulation

A complete range of mineral wool insulation solutions for the HVAC, Industry markets



## Condensate insulation

Contains three 1m insulation pipes, perfect for protection against frozen condensate



## Heat-Sound-Proof Putty

Heat-Sound-Proof Putty mats are flexibly used for walls and thermal bridges



## Fire Protection Coating

Enhance fire endurance of steel structures, industrial and civil facilities



## Liquid waterproofing coating

Effective protection against moisture

# OUR PRODUCTS

Applied like a paint — works like a thermal barrier



Liquid Ceramic  
Thermal Insulation

Bronya Winter  
NF (non-flam)



Liquid Ceramic  
Thermal Insulation

Bronya Facade  
NF (non-flam)



Liquid Ceramic  
Thermal Insulation

Bronya Classic  
NF (non-flam)



Liquid Ceramic  
Thermal Insulation

Bronya Antirust  
NF (non-flam)



Fire Protection  
Coating

Bronya Fire  
Protection



Heat Insulating  
mastic

Bronya  
Anticondensate



Heat-insulating  
putty

Bronya Light  
NF (non-flam)



Thermal insulating  
coat

Bronya Light  
Airless



Liquid Waterproof  
insulation

Bronya Aquablock  
NF (non-flam)



Hydrophobisator

Bronya  
Hydrophobisator

# OUR PROJECTS



Thermal insulation of  
Lennart Meri Tallinn Airport

Tallinn, Estonia  
(November, 2018)



Energy saving-Application  
of Bronya thermal  
insulation in ENERGIR

Montreal, Canada (April, 2019)



Thermal insulation of  
a residential building  
in the center of Turin

Turin, Italy (2019)



Asphalt Plant-  
Application in ProMix  
Asphalt Plant in China

China (October, 2018)



Insulation of the facade,  
swimming pool repair and  
impregnation of surfaces

Potsdam, Germany (2020)



The application to the roof  
of the building of Agran  
Liquid Technology

Valencia, Spain (September 2020)



Thermal insulation Bronya  
Facade NG on the facade  
and walls in Austria

Graz, Austria (August 2020)



Application at the cement  
plant Thyssen Krupp AG  
Essen, Germany

Essen, Germany (July 2020)

# CASE STUDY: ITALIAN STATE PROGRAM

## Overhaul of the facade of buildings under the Italian state program



**Material used:** Bronya Facade NF, Bronya Light NF

**Description:** Our Italian Bronya representative office, from the start of this year, is participating in the state program for the preservation of the historical appearance of buildings. In addition to its thermophysical properties, Bronya thermal insulation perfectly retains the buildings' architectural appearance, protecting them from the effects of various atmospheric influences leading to destruction.

To participate in this program and the production of these works, the company must have a certain Certificate-Examination, confirming, all physical and thermophysical properties, allowing work on architectural buildings with Bronya. The certificate is not just a document confirming the capabilities of thermal insulation, but also a European Eco Label.

The photo report includes the first houses on which the Bronya gastrointestinal tract was applied at the end of summer. By the end of the year, judging by the amount of shipped products, that in total hundreds of buildings are planned for the next three years.

It is also interesting that this work format is 110% funded by the Italian government.



# HOW TO ORDER

1.

We email you an order confirmation

2.

You make a payment

We can take a payment from you via card or via a bank transfer

3.

We pick and pack the order and get it ready for you

We will inform you regarding a time frame and keep you updated on the progress

4.

You can pick up an order or request a delivery

As soon as your order is ready, we will notify you and confirm regarding collection or delivery options

# THANK YOU

CONTACT US:

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