NANOTECHNOLOGY

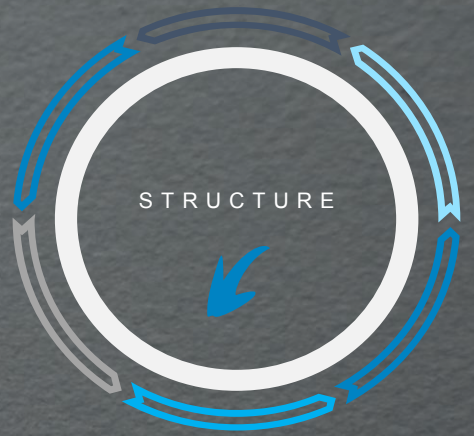
MANUFACTURER

THERMAL INSULATING COATING

SAFEDIQUL

HEAT-INSULATING
NANOLIQUID

W H A T I S THERMAL INSULATION PAINTING?



Thermal insulation painting is a liquid ceramic coating with heat-insulating and water-protective properties. This is a microceramic filler, integrated into a mix of acrylic copolymers. It is used as an antifungal, anti-corrosion thermal insulating coating for internal and external walls, heating systems, sewerage and water supply systems, window reveals, tanks and containers. The insulative properties of this material are based on the ability of a vacuum to keep a given temperature level by filtering cooled or heated air particles from the outside. The basis for LIQUID THERMAL INSULATION is millions of vacuum empty particles which form a leakproof membrane after applying and drying. The diameter of a particle is 20 to 120 microns.

SAFEDIQUL TECHNICAL PROPERTIES

THERMAL INSULATION	WEATHER CONDITIONS	MULTIFUNCTIONALITY
SUN RAY RESISTANT	DAMPNESS RESISTANCE	FOR SURFACES OF ALL SHAPES
REFLECTS UP TO 85% OF THE HEAT RADIATION ENERGY	PROTECTION AGAINST RAINING/SNOW	SOUND INSULATION
EFFECTIVELY REDUCES HEAT LOSSES	ANTIFUNGI AND ANTIMOULD	COMPLETE DRYING IN 2-24 HOURS
BURN CLASS B, NON-COMBUSTIBLE	AIR PERMEABILITY	COLOURS: GREY AND WHITE
ENERGY-SAVING PROPERTIES	RESISTANT TO TEMP. FLUCTUATIONS -50'C/+150'C	FOR INTERNAL AND EXTERNAL USE
OPERATIONAL TEMP. -50'C TO 150'C	ECO-FRIENDLY	ANTI-CORROSION

A THERMAL INSULATING NOVELTY IN EUROPE

HOW DOES IT WORK?

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

Liquid thermal insulation becomes a permanent coating, reducing heat losses by 40%, is not water-permeable, and facilitates the respiration of the surface. Water vapour permeability, thanks to which intensive air change occurs, additionally saves 7-9% of heat and provides protection against fungi, mould, corrosion and other negative environmental effects. The material can increase the volume by one-fourth, not disturbing adhesion to the surface. One square metre of the coating can hold up to 380 ml water per hour and dry quite quickly after the rain.

This is why used as a finishing agent for the insulation of walls, floors, elevations, external insulation of roofs, internal insulation of attics, insulation of houses, factory buildings, facilities for various purposes, as well as insulation in industry and transport.

Such an insulation option has one more advantage over the other. In particular, when it is applied in the summer season, after some time, the agent will ‘dry’ moisture which penetrated the walls and canopies. Intensive air change will make it possible to transfer excessive moisture to the outside, boosting evaporation. When the works are executed in the summer season, this will become another factor that reduces power costs, allowing for cutting back on the artificial cooling of a room.

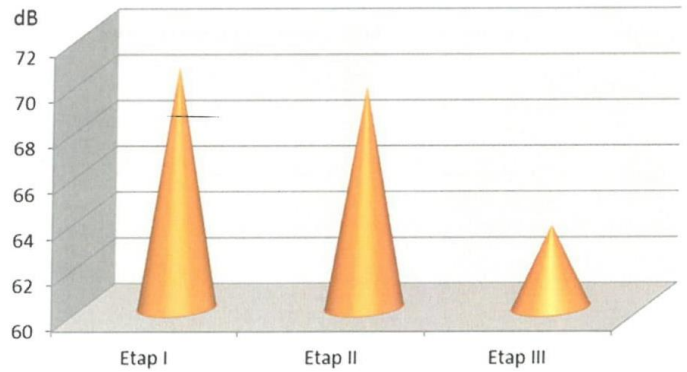
An absolute advantage of such insulation is its technichal parameters and the price of thermal modernisation services, which allows for cutting back on the costs of work, equipment and the completion date. You can apply yourself by a brush, paint roller or a paint gun.

THERMAL INSULATION & SOUND INSULATION

SOUND INSULATION TEST

A series of measurements made with an objective noise-meter during testing shows that applying a heat-insulating paint causes a reduction in the noise level by ca. 10%

	dB	Reduction
Stage I	70.6	-
Stage II	69.7	1.3%
Stage III	63.6	9.9%



PROPERTIES OF THE NANOPREPARATION

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

The energy-saving properties of have been conditioned with the ability to reflect radiation. This agent diffuses up to 85% of sunlight and over 90% of infrared radiation.

Saving energy becomes possible thanks to endothermic processes in the membrane. The area of empty particles increases during the proces of drying, and the bubbles resulting from it reflect up to 25% of heat in the opposite direction as a result of filtering the air stream in the infrared spectrum. Therefore, the room insulated will be warm in winter and quite cool in summer. Thanks to properties which reflect the sun rays, the agent is long-lasting. Does not undergo any mechanical changes and no gaps appear on the surface. The coating does not fade under the influence of light. By default, the preparation is available in grey or white.

ADHESION - average 1.6 N/mm² ENVIRONMENTAL CONDITIONS t = 21°C, RH = 55%

COATING ADHESION	U.M.	SIZE
to concrete	MPa	1.24
to brick	MPa	1.98
to steel	MPa	not less than 1.0

The energy-saving coating consists of a special binding agent based on water, which includes millions of vacuum empty ceramic particles (bubbles) with a diameter of 20-120 microns.

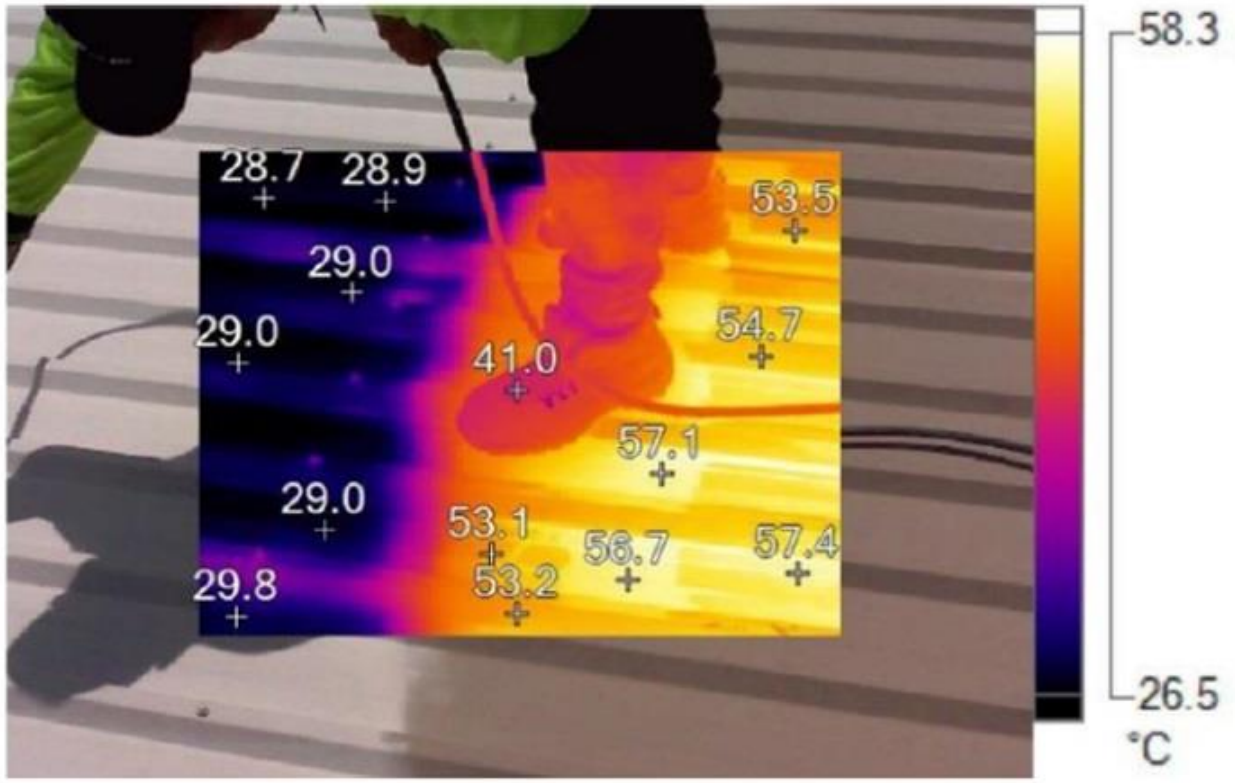
After drying, a layer of preparation becomes a solid, resilient and dampproof structure as a result of polimerisation, with a thickness from 1 to 3 mm (membrane). The specific properies of the membrane ensure saving energy. Saving energy for heating and cooling the building is achieved thanks to increasing the area and as a result of endothermic processes in the thermoceramic membrane.

INDICATOR NAME	U.M.	SIZE
Extensibility at break	%	at least 8.0
Linear elongation	%	65
Tenacity after application	MPa	2.0

WAREHOUSE THERMAL INSULATION

EXTERNAL INSULATION OF THE WAREHOUSE ROOF WITH THERMAL INSULATION PAINTS

INSULATION MEASUREMENTS - WAREHOUSE ROOF



AFTER INSULATION

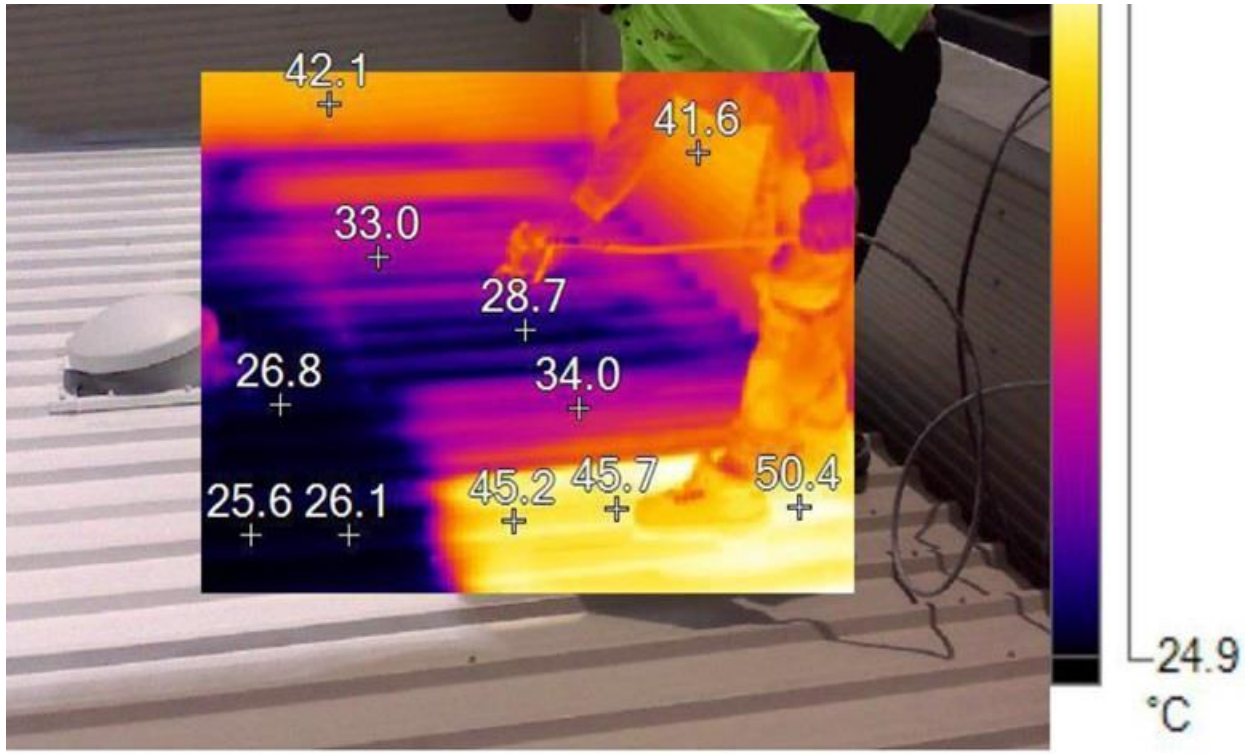
BEFORE ISOLATION

WAREHOUSE THERMAL INSULATION

EXTERNAL INSULATION OF THE WAREHOUSE ROOF WITH THERMAL INSULATION PAINTS

WITHOUT INSULATION

WITH THERMAL INSULATION



INSULATION MEASUREMENTS - WAREHOUSE ROOF

PARTITION ANALYSIS CHURCH BUILDING

EXAMPLE OF ANALYSIS OF PARTITIONS

VARIANT I - CONDITION BEFORE THERMOMODERNIZATION

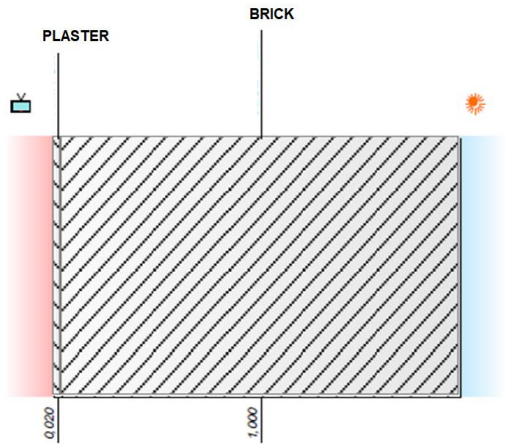
SYMBOL	DESCRIPTION
SZ_ST_ISTN	External wall - existing condition

TYPE	Outer wall
HUMIDITY CONDITIONS	Moderately damp

SYMBOL	TYPE OF MATERIAL	d m	λ W/(mK)	ρ kg/m	cp kJ/(kgK)	R m2K/	μ	Z m2hPa/g
C-L PLASTER	CEMENT-LIME PLASTER	0,0200	0,820	1850	0,840	0,024	16,0	444,4
BRICK	Brick wall of ceramic and solid brick + cement mortar	1,0000	0,770	1800	0,880	1,299	6,9	9523,8

Resistance inside	Ri	0,130	m2K/W	Thickness 1,020 m
Resistance on the outside	Ri	0,040	m2K/W	Sum of resistance 1,493 m2K/W

Heat transfer coefficient U [W/m2K] 0,670



VARIANT II - THERMAL INSULATION FROM THE INSIDE 3mm

SYMBOL	DESCRIPTION
SZ_ST_ISTN	External wall - existing condition

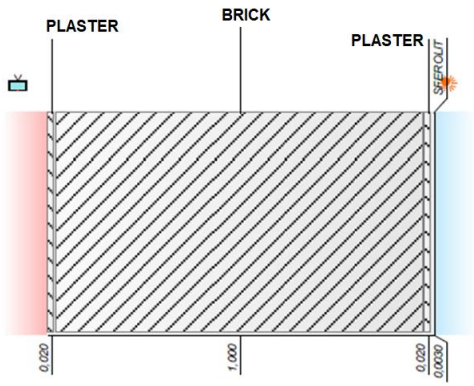
TYPE	Outer wall
HUMIDITY CONDITIONS	Moderately damp

SYMBOL	TYPE OF MATERIAL	d m	λ W/(mK)	ρ kg/m	cp kJ/(kgK)	R m2K/	μ	Z m2hPa/g
C-L PLASTER	CEMENT-LIME PLASTER	0,0200	0,820	1850	0,840	0,024	16,0	444,4
BRICK	Brick wall of ceramic and solid brick + cement mortar	1,0000	0,770	1800	0,880	1,299	6,9	9523,8
C-L PLASTER	CEMENT-LIME PLASTER	0,0200	0,820	1850	0,840	0,024	16,0	444,4
SFEROLIT	Sferolit	0,0030	0,003		1,950	1,200	4,8	20,0

Resistance inside	Ri	0,130	m2K/W	Thickness 1,043 m
Resistance on the outside	Ri	0,040	m2K/W	Sum of resistance 2,717 m2K/W

Heat transfer coefficient U [W/m2K] 0,368

EFFICIENCY INCREASE BY 45%



PARTITION ANALYSIS CHURCH BUILDING

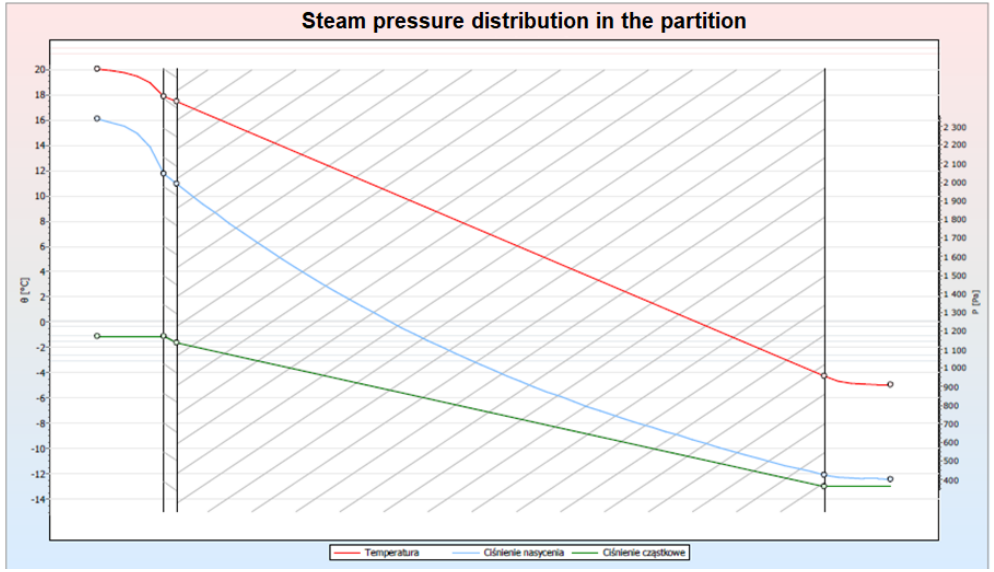
EXAMPLE OF ANALYSIS OF PARTITIONS

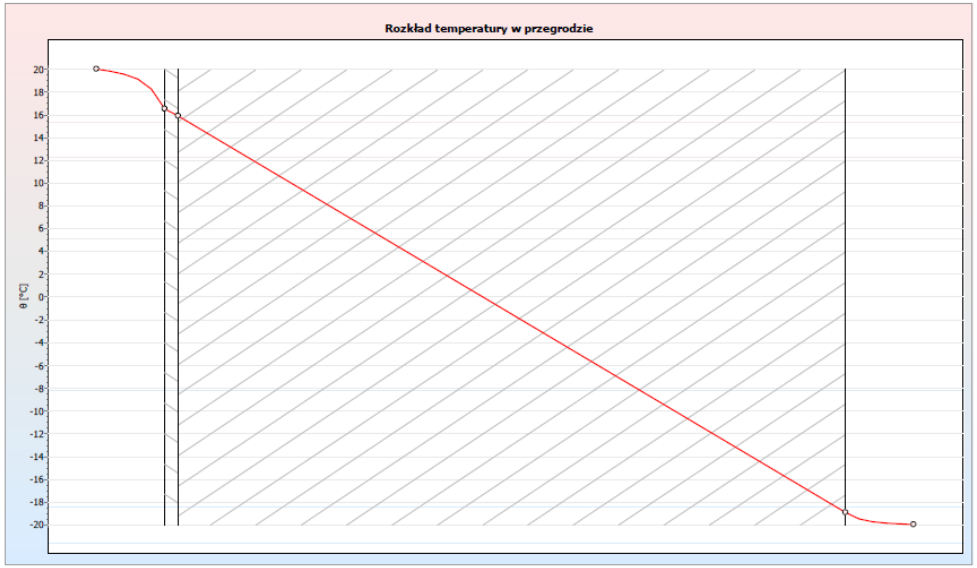
VARIANT I - CONDITION BEFORE THERMOMODERNIZATION

OK	PARTITION	θint °C	θe °C	Δθi K	Zakres θi °C	U W/m2K	Umax W/m2K
×	Outer wall	20	-20	40	θi ≥ 16°C	0,67	0,200

Standard for determining the coefficient	PN-EN ISO 6946
Norm - moisture analysis of partitions	PN-EN ISO 13788

Heat transfer coefficient U [W/m2K] 0,670





PARTITION ANALYSIS **CHURCH BUILDING**

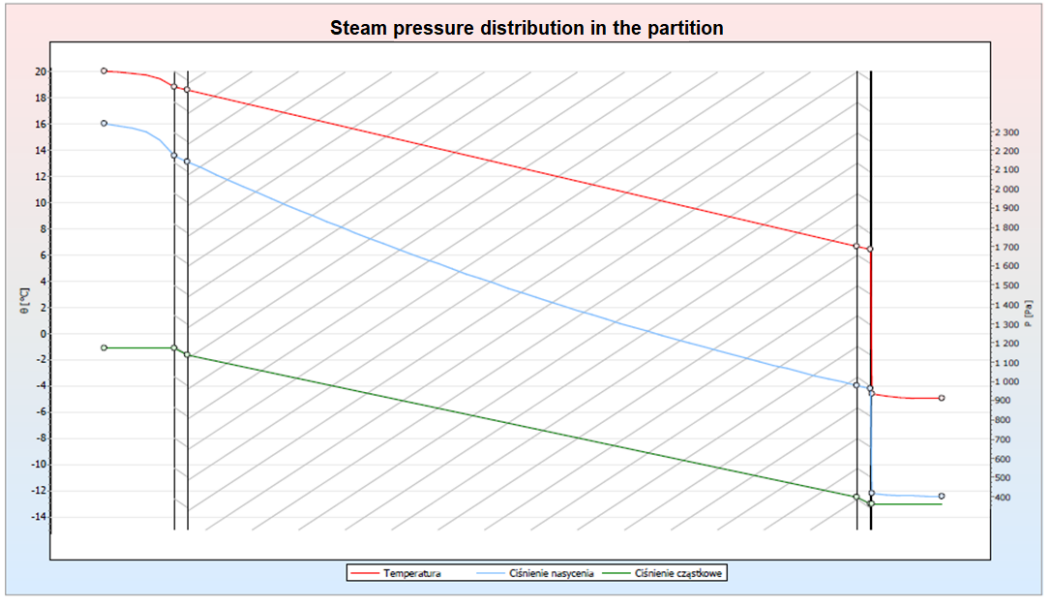
EXAMPLE OF ANALYSIS OF PARTITIONS

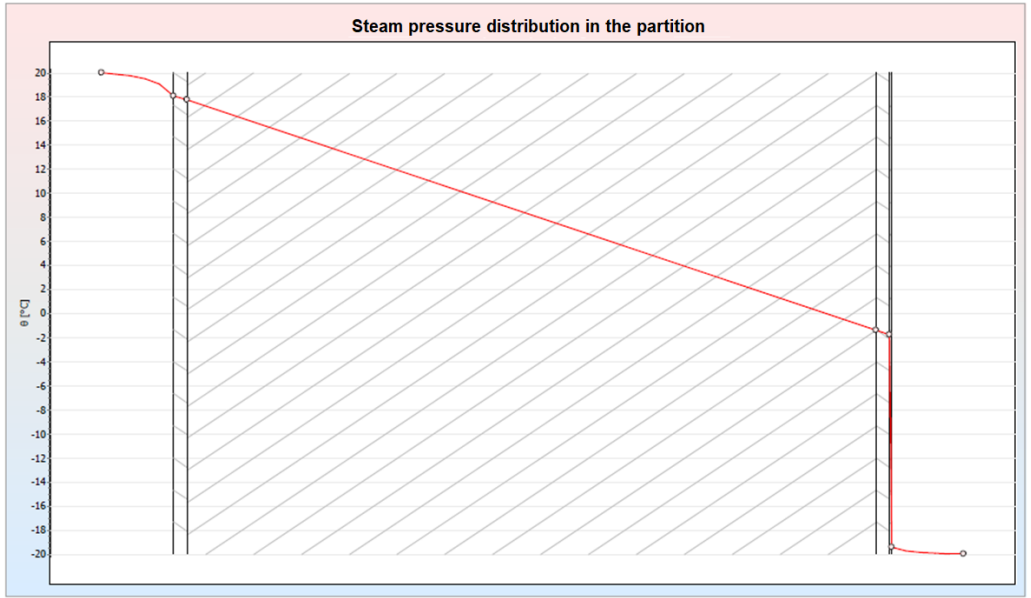
VARIANT II - THERMAL INSULATION FROM THE INSIDE 3mm

OK	PARTITION	θint °C	θe °C	Δθi K	Zakres θi °C	U W/m2K	Umax W/m2K
×	EXTERNAL WALL	20	-20	40	θi ≥ 16°C	0,368	0,200

Standard for determining the coefficient	PN-EN ISO 6946
Norm - moisture analysis of partitions	PN-EN ISO 13788

Heat transfer coefficient U [W/m2K] 0,368





PROPERTIES

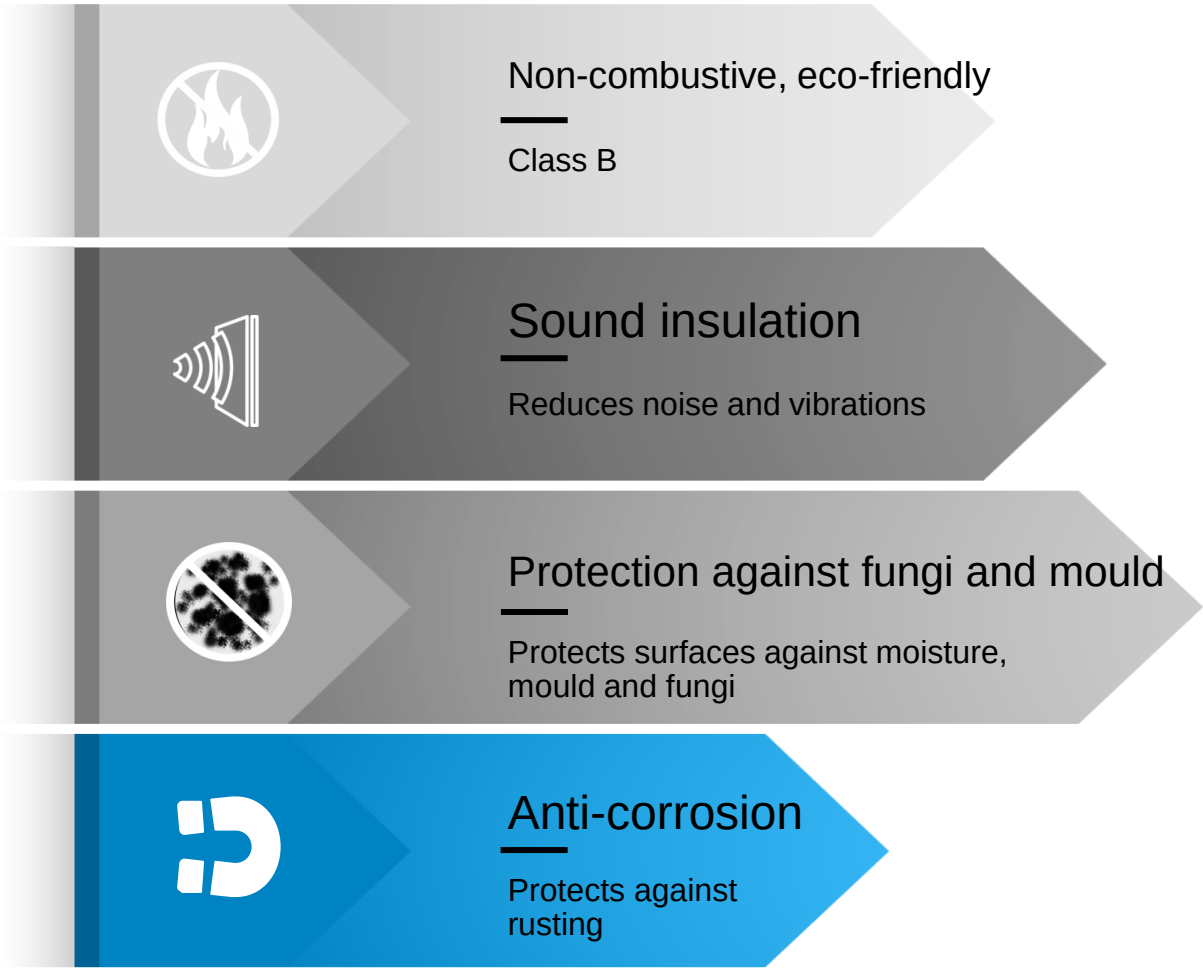
IN CONSTRUCTION, INDUSTRY, FARMING, TRANSPORT

High effect of sound insulation which contributes to the reduction of noise and vibrations which are unavoidable during production. Of all the above-mentioned properties, they are cheaper than many other heat insulators, which thus reduces production costs and serious repairs of machines and devices without sacrificing quality.

It has a high level of adhesion to almost any types of materials used in production, it is elastic and easy to use. It provides high heat insulation. Reduces heat losses up to 40%. For industry important indicators are saving heat losses, fire resistance and the ability to hold static and dynamic loads.

Completely non-toxic and harmless, so it can be used as thermal insulation in food or pharmaceutical establishments. It is very solid: the guarantee of 10 years makes its application in industrial facilities economical.

It reflects over 90% of infrared radiation.



CERTIFICATION

NORMS & STANDARDS

Use or application of the construction product in:

- the construction industry, in order to prepare the extra thermal-sound insulation of the area of the structural elements of buildings
- the construction of machines to protect the internal areas of vehicle bodies, including parts of railway transport, agaist corrosion, condensation and vibrations during work
- energy technology to build the additional thermal insulation of pipelines and devices

POLSKI KOMITET NORMALIZACYJNY

EN 1062-3:2008

Paints and varnishes – Varnishing products and coating systems applied externally on walls and concrete – Part 3: Marking water permeability. There was an establishment of a method of marking water permeability through coatings, coating systems and similar products, applied on external walls. The method is useful for coatings and coating systems on porous substrates, such as brick, concrete and plaster.

POLSKI KOMITET NORMALIZACYJNY

EN 1504-2:2004, System 4

Declaration of performance. Products and systems for protecting and repairing concrete constructions

CE

Declaration of compliance CE

Safety of products in the EU. The CE marking confirms that fulfils all requirements of the New Approach Directives, and that the product underwent conformity assessment procedures with a positive result.

ENTE CERTIFICAZIONE MACCHINE ECM let's be your partner

ECM

Certyfikation of quality and safety. Safety and maintenance management systems.

POLSKI KOMITET NORMALIZACYJNY

EN 1542

In the norm, a method of measuring adhesion through breaking was defined: the nanopreparation, as surface protection systems used to protect and repair concrete.

POLSKI KOMITET NORMALIZACYJNY

EN ISO 7783:2011

Paints and varnishes – Marking the property of steam permeation – Method with the use of a dish. There was an establishment of a method of marking the coefficient of steam permeation through paints, varnishes, coatings, coating systems and similar products.

APPLICATION

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

❑ CONSTRUCTION

- ❑ residential (single- and multifamily buildings),
- ❑ industrial (factories),
- ❑ logistic (storehouses, terminals),
- ❑ commercial, office buildings
- ❑ public service buildings
- ❑ healthcare
- ❑ building infrastructure: central heating, water, sewarage system, gas pipelines

❑ HISTORICAL & RELIGIOUS BUILDINGS

- ❑ tenement buildings
- ❑ palaces, castles
- ❑ museums
- ❑ churches, cloisters
- ❑ building infrastructure: central heating, water, sewarage system, gas pipelines

❑ INDUSTRY, FARMING

- ❑ insulation of industrial rooms
- ❑ pipelines, heating systems, containers
- ❑ tankers, insulation and protection of storehouses and petrol stations
- ❑ protection of industrial machines and devices
- ❑ transport containers
- ❑ cooling systems, carrying freezers, shops, granaries

❑ TRANSPORT, PIPELINES

- ❑ sea and inland waterway transport (ship hulls)
- ❑ railway transport (storage vessels, wagons)
- ❑ Road transport (repair of vehicle bodies, including cooling systems, mechanical parts, auto repair)
- ❑ pipelines (gas, oil, heat pipes)
- ❑ insulation of heat distribution centres and petrol stations
- ❑ military transport (tanks, combat vehicles, etc.)

HOW TO USE THE NANOPREPARATION

1. Before applying the liquid mix it thoroughly with an agitator at medium speed until smooth, homogenous consistency is obtained.

2. Next, apply on a clean, grounded area with a brush, roller or paint gun.

3. The quality, homogeneity and functioning of the cover is ensured by applying 3 layers on the insulated area (you can add water in the amount not exceeding 100ml per 1 litre of the preparation – proportions 1:10).

PROPERTIES DURING APPLICATION:

Performance in one layer is 0.8 – 1.0 l / m2, depending on the quality of the prepared area and the manner of application. The drying time of an applied layer with a thickness up to 1 mm, with a temperature level of +20˚C and relative misture up to 60% is 3 hours. The coating should be applied when the air temperature is +5 to +35˚C.

The maximum thickness of each applied layer should not exceed 1 mm. Next layers should be applied not sooner than after the complete drying of each previously applied layer.

TECHNOLOGICAL

PARTNER

The company GRACO provides technological advice for our customers as regards the selection of devices for painting . It also providesmprehensive servicing of devices across Europe. We provide a network of GRACO departments and a call-out service. High quality guaranteed!

GO AND DOWNLOAD

Go and download folders with GRACO dedicated devices for painting with the preparation. The tested and dedicated devices ensure the high quality of paint spraying.

DEDICATED DEVICES FOR PAINTING WITH THE SFEROLIT PRODUCT

Details and large areas

The pant gun is perfect for painting large areas, also at heights, as well as for painting complex architectural details.

Large areas

The device works well during spraying large construction projects – the surface of walls, ceilings, roofs.

Handgun Hopper Gun

with a 5.5-litre container, powered by an external compressor (rotary screw compressor, 6 bar of pressure
and efficiency of ca. 1,400 l/min) + a round nozzle 4 mm

Device RTX 5500 PX

Dedicated stationry rotary screw compressor: 6 bar of pressure and efficiency of ca. 1,400 l/min) + a round nozzle 4 mm, 3 level for flow regulation, a hose of 7.5m

PROJECTS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

FOOD SECTOR

Food sector
3mm tank spray insulation
- tank insulation from the temperature of +120 ° C

Objective achieved:
- ☑ increasing efficiency energy of the device
- ☑ lowering the outside temperature devices by several dozen percent
- ☑ increased energy savings
- ☑ increased health and safety (no burns)
- ☑ no condensate

We present only some of our projects because the numer of construction projects increases dynamically. For each of our customers we can prepare a reference list of projects and customers who use our preparation.

PROJECTS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

AROMATIC OIL REFINERY
BUŁGARIA

Tank spray insulation, thickness up to 3mm

Objective achieved:

- ☑ increasing the energy efficiency of devices
- ☑ no condensate
- ☑ reduction of energy loss
- ☑ no thermal bridges
- ☑ maintaining the assumed temperatures

We present only some of our projects because the numer of construction projects increases dynamically. For each of our customers we can prepare a reference list of projects and customers who use our preparation.

PROJECTS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

HISTORICAL FACILITIES

Thermal insulation of internal walls – the project was entered in the project programme. Museum Citadel in Warsaw.

MILITARY FACILITIES

Thermal insulation inside the military building entered in the register of historical monuments for the purposes of the US Army. Building of the Representative Orchestra of Polish Air Forces.

HISTORICAL FACILITIES

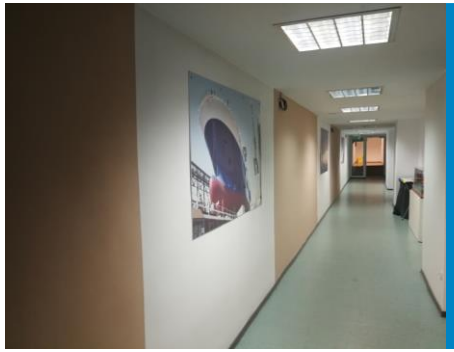
Thermal insulation of the walls inside the palace entered in the register of historical monuments.
Palace in Górzno, Greater Poland Voivodeship

RESIDENTIAL FACILITIES Thermal insulation of the internal walls of the historical building with the use with a total thicknes of 3 mm.
Hotel in Kluki near Bełchatów.

We present only some of our projects because the numer of construction projects increases dynamically. For each of our customers we can prepare a reference list of projects and customers who use our preparation.

PROJECTS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT



INDUSTRIAL-OFFICE FACILITY

Thermal insulation of internal walls in Stocznia Gdańska S.A. First paint testing in the office part of the board.

OFFSHORE CONTAINERS

Internal thermal insulation of offshore containers with a 2-mm coating and reducing the temperature level by10’C

SERVICE FACILITY

Thermal and sound insulation of the air ducts of the service facility at ul. Bakalarska 11 in Warsaw

RESIDENTIAL FACILITIES

Thermal insulation of the elevation of a residential building in Kielce (insulation thickness of 3 mm).

We present only some of our projects because the numer of construction projects increases dynamically. For each of our customers we can prepare a reference list of projects and customers who use our preparation.

PROJECTS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

RESIDENTIAL FACILITIES

Thermal insulation of concrete stripes (foundation wall) with a total thickness of 3 mm. Housing complex Arkadia.

RESIDENTIAL FACILITIES

Thermal insulation of concrete stripes (foundation wall) with a total thickness of 3 mm. A new luxury apartment building Green Wood on the coast of the Black Sea.

HISTORICAL FACILITIES

Thermal insulation of the external walls of several historical buildings covered by monument preservation, using with a total thickness of 3 mm. Administrative Court.

HISTORICAL FACILITIES

Thermal insulation of the external walls of a historical building covered by monument preservation, using with a total thickness of 3 mm. A hotel and an apartment building.

We present only some of our projects because the numer of construction projects increases dynamically. For each of our customers we can prepare a reference list of projects and customers who use our preparation.

PROJECTS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

PUBLIC SERVICE FACILITIES

External thermal insulation of a school building. The thickness of the insulating layer was 3 mm.

NUCLEAR, INDUSTRIAL FACILITIES

Thermal insulation of the new sarcophagus over the inactive reactor in Chernobyl, Ukraine. Painting of the sarcophagus from the inside to reduce temperature differences and condensation effects.

RAILWAY TRANSPORT

Painting of the Ukrainian railway passenger wagons from the inside to reduce temperature differences in summer and winter. Layer thickness: 3mm.

TRANSPORT AND MILITARY FACILITIES

Painting of the Ukrainian tanks from the inside to reduce temperature differences in summer and winter. Layer thickness: 3 mm.

We present only some of our projects because the numer of construction projects increases dynamically. For each of our customers we can prepare a reference list of projects and customers who use our preparation.

REFERENCES

Protection and painting of the bodies of railway passenger and goods wagons.
During production processes, repairs of passenger wagons and the construction of new goods wagons modern technologies, innovative protective materials and highly efficient equipment are used in production both locally and abroad. The technology of preparing the surface of the wagon bodies and making a protective external cover includes blasting, applying a layer of an anti-corrosion material and an external varnishing coating, which is made with the use of polyurethan or other high-quality enamels.

The executed modernisation concerns the application of protective coatings: galvanising, grounding and a thermal insulation (for passenger wagons). The wagons are equipped with a system of heating, cooling and controlling air dampness and a system of the closed air circulation with stable, multi-level filtering.

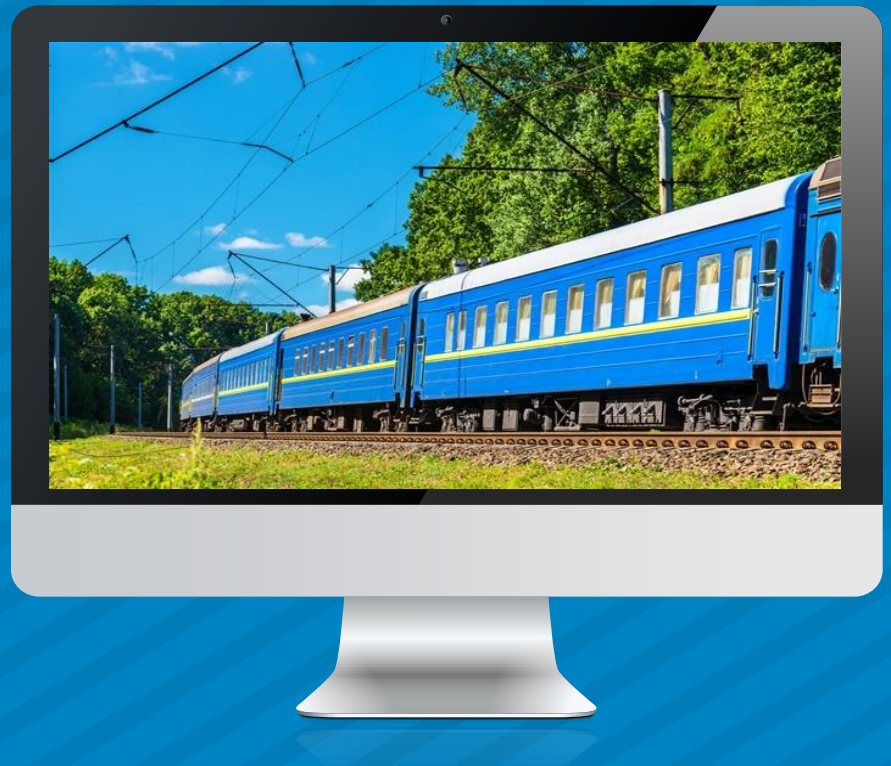
The applied method of protecting ferrous metals against corrosion has the advantages of the already known methods of hot galvanising and painting covers. Using a double protection system, the coating provides ‘active’ cathodic protection and ‘passive’ protective barier.

There were tests during the implementation of the heat-insulating coating – the modernisation of the bodies of the passenger wagons. There was also comparative research, and the results of the analysis comparing LIQUID THERMAL INSULATION with other products of similar origin (from other countries) have shown that has higher technical and physical values than the other products. Therefore, wturns out to be the leader of thermal insulation in Europe. On the basis of the positive testing results, the board of PJSC DNIPRVAGONOREMSTROY decided to apply the coating (insulation, sound protection) as the main insulating coating which ensures the fulfilment of requirement concerning the protection of passenger wagons against heat losses and reducing the indicator of vibration noise.

The size of delivering to PJSC DNEPROVAGONOREMSTROY from 2013 to the present day was over 140,000 litrów, which allowed the company to modernise 270 passenger wagons.

ПАО "ДНЕПРОВАГОНРЕМСТРОЙ"

The company PJSC Dneprovagonremstroy is a modern high-tech establishment, located on the left coast of the Dnieper, in Dnipro, Ukraine, which has the entire necessary infrastructure for repairing and constructing passenger and goods wagons.



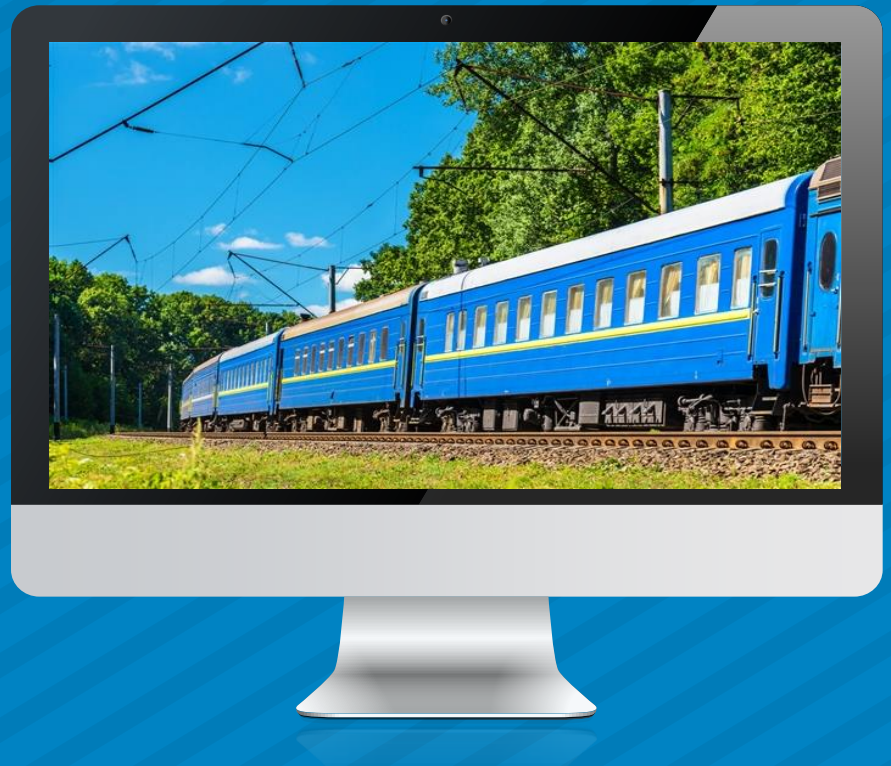
Contact: Ukraine, Dnipro, 10 Uniwersalny Str., www.dvrb.dp.ua

REFERENCES

RAILWAY WAGONS – PASSENGER WAGONS

ПАО "ДНЕПРОВАГОНРЕМСТРОЙ"

The company PJSC Dneprovagonremstroy is a modern high-tech establishment, located on the left coast of the Dnieper, in Dnipro, Ukraine, which has the entire necessary infrastructure for repairing and constructing passenger and goods wagons.



Contact: Ukraine, Dnipro, 10 Uniwersalny Str., www.dvrb.dp.ua

REFERENCES

A general modification of a complex of several buildings and the thermal insulation of all buildings for the purpose of fitting out the former Military District Odessa, Ukraine, Odessa, 16 Gagarin Prospect Str. for the buildings of the Court of Appeal in Odessa, Ukraine.

Using LIQUID THERMAL INSULATION coating as an insulating material enabled the effective protection of external areas against moisture and increased the indicator of thermal resistance of the external walls to heat losses (insulating layer thickness: 3.5 mm). The LIQUID THERMAL INSULATION preparation was used, covered by white elevation plaster. It was applied mechanically (by spraying), which ensured a high-quality and quick service.

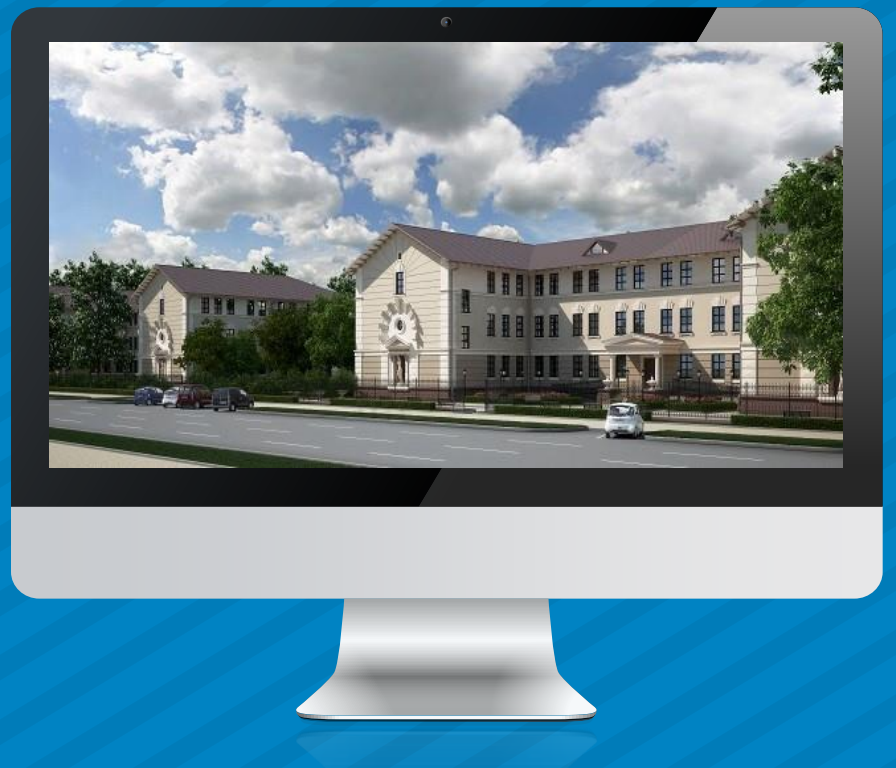
The wall area insulated with the LIQUID THERMAL INSULATION preparation was 7,500.00 m2
Buildings are strictly controlled by monument preservation. The thermal insulation was completed at the turn of 2017/2018.

Sądownictwo Ukrainy

JUDICATURE OF UKRAINE

Public administration – Court of Appeal in the Odessa Oblast in Odessa, Ukraine.

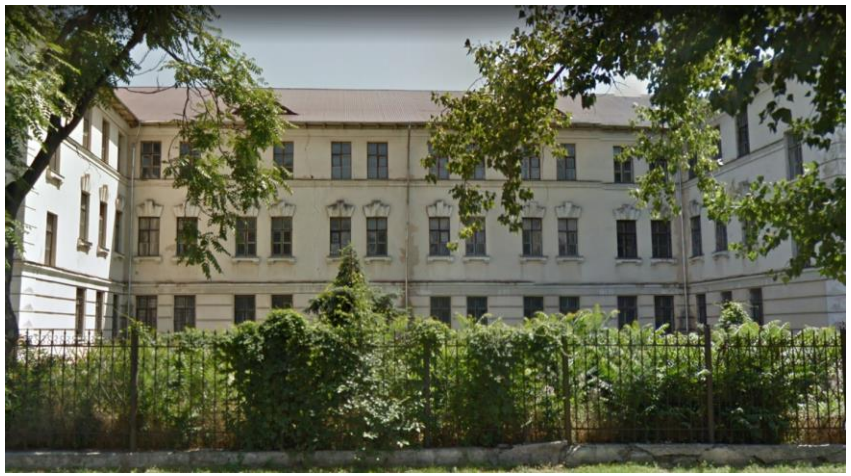
www.oda.court.gov.ua



Contact: Contractor - LLC RD-Bud SU-2 Ukraine, Odessa region

REFERENCES

HISTORICAL BUILDINGS

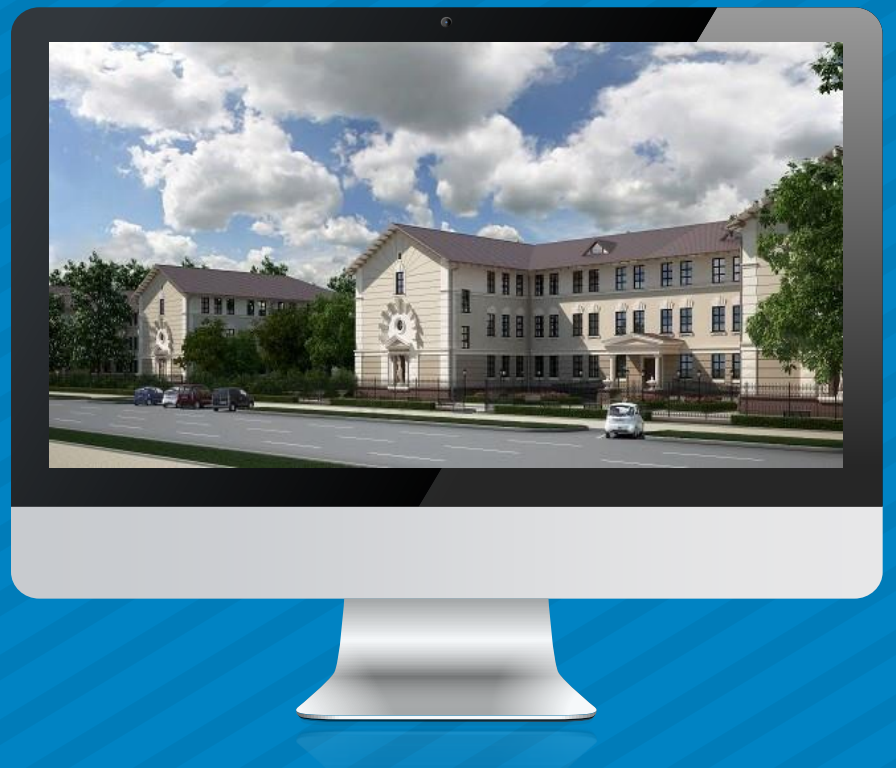


Sądownictwo Ukrainy

JUDICATURE OF UKRAINE

Public administration – Court of Appeal in the Odessa Oblast in in Odessa, Ukraine.

www.oda.court.gov.ua



Contact: Contractor - LLC RD-Bud SU-2 Ukraine, Odessa

REFERENCES

Construction of a new luxury apartment building on the coast of the Black Sea in Odessa.
Using the coating LIQUID THERMAL INSULATION as an insulating material enabled the effective protection of the external areas against moisture and increased the indicator of the thermal resistance of roofs and foundations (concrete surface) to heat losses (insulating layer thickness: 3 mm). The grey preparation was used, applied mechanically (by spraying), which ensured a high-quality and quick service.

Insulation area on the building 1.500,00 m2
Construction: 2017-2018

Luxury apartment complex **"GREEN WOOD"**

"LLC Greenwood LTD" Ukraine,
Odessa, 85 French Boulevard

www.green-wood.com.ua
www.greenwood.dominanta-star.od.ua

GREEN WOOD

Contact: General contractor - Odestransbud LLC, 65082, Odessa, 21 Yelizavetinskaya Str.

REFERENCES

LUXURY APARTAMENT BUILDINGS

Luxury apartament complex **"GREEN WOOD"**

"LLC Greenwood LTD" Ukraine,
Odessa, 85 French Boulevard

www.green-wood.com.ua
www.greenwood.dominanta-star.od.ua

GREEN WOOD

Contact: General contractor - Odestransbud LLC, 65082, Odessa, 21 Yelizavetinskaya Str.

CO-OPERATION SALES

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

For our regular customers we provide a loyalty programme in the form of vouchers to use at our authorised partners.

SAFEDIQUL

It is the exclusive distributor in Norway, Sweden and Finland.

We guarantee our customers comprehensive technological advice and training.

Main contact: office@safediqul.com

We serve our customers in Polish, English. We will reply to your message in 24 hours. A personalised message will be automatically forwarded to improve customer service.

Become our authorised partner.

We invite network, regional distributors, wholesale stores, hardware stores, construction companies, designers, monument restorer, as well as individual customers, to co-operate with us.

PARTNERS

A REVOLUTIONARY NANOTECHNOLOGY IN SYSTEMS OF ENERGY CONSERVATION AND SAFETY IMPROVEMENT

WE SUPPORT OUR PARTNERS THROUGH TECHNICAL TRAINING AND PROVIDING NECESSARY TOOLS TO SUPPORT NANOPROJECT DEVELOPMENT.

THERMAL INSULATION IN PROPERTIES

THERMAL INSULATION IN INDUSTRY

SAFEDIQUL

MANUFACTURER

Headquarters: Głowackiego 2/4 Street, 82-200 Malbork

Tel.: + 48 579 105 209

Tel.: + 48 799 168 943

E-mail: office@safediqul.com

www: www.safediqul.com