



UNITECH

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SEALANTS, ADHESIVES & CHEMICALS

PROTECTIVE PRODUCTS

"PROTECTION" SUN, FIRE AND RAIN PROTECTION SYSTEM

T R I S

USED TO

- Reduce the level of flammability and increase the level of fire resistance of foam plastic and expanded polystyrene (PSB, EPS), extruded polystyrene (XPS), sprayed insulation (NPU), PIR plates, insulating foam sealants, assemble mats. The neat surface acquires a G1 flammability class.
- Protect against harmful UV rays all types of polyurethane foams (sprayed insulation, insulation systems, insulating foam sealants), extruded polystyrene (XPS), foam plastic and expanded polystyrene (PSB, EPS).

A layer of 1.5-2 mm of Protection is sufficient for the protection against UV rays and precipitation for up to 25 years.

A layer of 1.5-2 mm of Protection is sufficient to reduce the flammability class of the surface and prevent its ignition. The principle of fire protection is that the composition includes the fire retardants and fillers which begin to interact with each other when exposed to fire or increase of temperature, and the Protection coating increases in size, forming a dense and hard foam crust, which blocks the access of oxygen to the surface, simultaneously emitting the inert gases, which prevents burning.

The consumption of 1 cylinder with a layer of 1.5-2 mm is per 1.5-2 sq.m. The Protection system is environmentally friendly, odorless and contains no components harmful to human health. It protects against both initial fire sources and ignition in case of fire.

APPLICATION INSTRUCTIONS

Shake the cylinder thoroughly for 30 seconds. Remove the protective partition from the gun trigger, make sure that the gun is tightly wound on the cylinder. Apply to a surface free of dirt, dust and ice.

Turn the cylinder to the working position "BOTTOM UP".

Fully pressing the trigger, apply the first layer of protective coating no more than 1.5-2 mm thick from a distance of 40-50cm. Let it dry for 3 hours and carry out further work.

SAFETY MEASURES

Do not work near an open fire. The use of rubber gloves and personal protective equipment is mandatory. Prevent the ingress of Protection into the respiratory and digestive organs. In case of skin contact, wash off with warm water and soap.

COMPOSITION

Coating based on polyvinyl acetate water dispersion, methoxymethane, additional components that are the know-how of the company.

**INCREASES THE LEVEL OF
FIRE RESISTANCE PROTECTS
AGAINST UV RAYS**



	A surface with the Protection coating	Normative document
Flammability class	G1 (lowflammable)	GOST 30244-94 para. 7, method 2
Combustibility class	B2 (medium combustible)	GOST 30402-96
Smokegenerating capacity class	D2 (moderate smoke generation capacity)	GOST 12.1.044-89 para. 4.18
Toxicity class of combustion products	T1 (low-risk)	GOST 12.1.044-89 para. 4.20
Flame propagation class	Rp1 (flameretardant)	GOST 51032-97
Fire hazard class	KM 2	Technical regulations on fire safety requirements FZ-123



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"BLOCK-TERM" INSULATION SYSTEM

T R I S

PRODUCT DESCRIPTION

Innovative MULTIFUNCTIONAL polyurethane INSULATION system for input pipelines "BLOCK-TERM". It was specially designed to protect your house from pests and insects. Due to its unique composition, it repels rodents and insects, blocks their way and protects the wires in the house from Pets. It also serves as an excellent protection against cold and air leak. "BLOCKTERM" allows you to fill, seal and insulate gaps, cracks and holes without increasing thermal conductivity.

ADVANTAGES

- Prevents pests from penetrating into the house, does not attract rodents, has a deterrent effect
- Seals gaps, holes and cracks up to 50 mm
- The structure of "BLOCK-TERM" closed cells allows you to avoid the formation of "cold joints"
- Excellent adhesion with most construction materials
- The composition does not contain pesticides and is completely safe for people and pets.

SAFETY MEASURES

THE OUTPUT FROM ONE CYLINDER OF THE MULTIFUNCTIONAL INSULATION SYSTEM "BLOCKTERM" IS ABOUT 40000 CC

It is recommended to carry out the operation at a temperature from -8°C to +35°C and the relative humidity of not less than 50%. To obtain the output volume and optimal physical and mechanical characteristics of the insulation system "BLOCK-TERM" the cylinder must be at room temperature.

- Apply to surfaces previously cleaned of dust, dirt, grease, ice and frost (if the work is carried out at negative ambient temperature, the surface temperature must be at least + 5°C)
 - Working position of the cylinder "BLOCK-TERM" is BOTTOM UP
 - Remove the protective cover from the cylinder. Screw the gun (included) on the cross-shaped nozzle with a thread
 - Make sure the connection is secure. Shake the cylinder thoroughly for 30 seconds
 - Fill the crack, hole or gap by 2/3 of the volume
 - During the operation, periodically shake the cylinder
 - Primary treatment time is 14 min :full polymerization time is 45 min
 - The excess of the unhardened insulation system of input pipelines can be removed with the professional cleaner "TriS"
 - After 24 hours, the multifunctional insulation system "BLOCK-TERM" is ready for further processing. IT MAY BE CUT, PAINTED AND SANDED
- It is recommended to use the cylinder at a time. To store and subsequently use the product left in the cylinder, it is necessary to remove the gun from the cylinder and rinse it with the cleaner "TriS"; also rinse the exhaust valve of the cylinder. Keep away from exposure to UV rays and atmospheric precipitation.



GUIDANCE ON SECURITY MEASURES

Flammable! The cylinder is under pressure! Protect from direct sunlight and heating above 50°C.

Do not spray near open flame and heat!

Do not smoke when working with the insulation system for input pipelines "BLOCK-TERM"!

Do not disassemble and keep away from children! Do not inhale the vapors!

Avoid swallowing the "BLOCK-TERM" insulation system for input communications, the contact with skin and eyes! If swallowed, seek medical attention immediately.

The contents of the cylinder may cause irritation of the eyes, respiratory organs, skin, allergies. In case of skin contact, rinse immediately with plenty of soap and water. In case of contact with eyes, rinse immediately with water and seek medical advice. Store and use in a well-ventilated area. Apply skin, eye and respiratory system protection. Avoid exposure to static electricity.

DISPOSAL RECOMMENDATIONS

Do not burn after use! The used cylinder should be disposed of as household waste. The waste of solidified insulation system for input communications "BLOCK-TERM" is recommended to grind and use as insulation during construction work

COMPOSITION

4,4-diphenylmethanediisocyanate, dimethyl ether,
propane-butane, polyol component, a special
environmentally friendly additive that repels insects and rodents

STORAGE

Store in a vertical position with the valve facing up in a cool, dry place at an ambient temperature of +5°C to +25°C.



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SOUND INSULATION

T R I S

PRODUCT DESCRIPTION

Sprayable sound insulation system "Tris" It is used for sound insulating walls, ceilings, partitions, floors, as well as other elements of building structures by continuous application. It has high sound insulation properties due to optimized components for noise protection.

Sprayable sound insulation system «Tris» is made of special polymer materials and has important advantages over traditional materials, namely:

- High adhesive properties, providing the Tris sound insulation system with reliable adhesion to the wall surface (brick, aerated concrete, wood, OSB, metal, drywall, plastic); Sprayable sound insulation system «Tris» is made of special polymer materials and has important advantages over traditional materials, namely:
- The possibility of applying to complex surfaces, surfaces of a non-standard shape (rounded walls, internal and external corners), surfaces with an uneven base, hard-to-reach places.
- The presence in the composition of special components that increase the strength and durability of the system after hardening;
- High impact strength;
- Exclusion of cold bridges due to continuous application;
- Resistance to low temperatures and atmospheric moisture, and other atmospheric factors;
- No costs for additional fasteners (dowelmushroom), special tools (perforator, drill, hammer), electricity, polyurethane foam for insulation of joints.
- Complete environmental safety, both for humans and for the environment.
- Increased installation speed.
- Ease of use, the ability to use without the involvement of specialists.
- Durability. The calculated durability of polyurethane foams is 50 years;
- Biological inertness. The owner of the apartment will not be disturbed by rodents, insects and molds.
- Lightweight hardened material. The low weight of the frozen sound insulation system does not create a load on the load-bearing elements of the building, additionally strengthening and warming them.

CONSUMPTION

Consumption of 1 cylinder up to 2m at 3 cm thickness.

INSTRUCTIONS

Clean work surfaces from dust, dirt and oil stains. Recommended operation temperature of the cylinder is: +18°C - +25°C. Shake the bottle thoroughly. Screw on the gun. Put on the tip of the gun a special nozzle (included). Use only with the gun fully pulled. The spraying layer should be about 1.5 cm (if an additional layer is required, it should be applied after 40 minutes). During operation, shake the cylinder with the gun periodically. IT IS FORBIDDEN TO STORAGE UNDER DIRECT SUN BEAMS AND TO HEAT A CYLINDER OVER 50°C! The contents of the container are under pressure!



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