

AKTERM Standard™ - is an universal waterborne heat insulation and energy preservation coating designed for applying to a variety of surfaces.

AKTERM Standard™ consists of high-quality acrylic binding and vacuumized microspheres, does not contain organic solvents or volatile compounds and is a safe and non-toxic material, which is why it is suitable

for use both outside and inside residential and industrial buildings.



AKTERM

LIQUID INSULATION COATINGS

AKTERM Standard™



USED INSIDE AND OUTSIDE



DOES NOT ADD WEIGHT TO STRUCTURES



MINIMUM LAYER THICKNESS



DRYING TIME OF A 1 mm LAYER



IS APPLIED WITH A BRUSH OR A SPRAYER



CLEANING OF TOOLS WITH WATER



CAN BE COVERED WITH A FINISH COATING OR A LOGO

Instruction for application

1. Preparation of the surface:

- clean the surface from dust, remove rust, defat
- in case of corrosion, it is recommended to apply an anticorrosive base on the surface (AKTERM Anti-Cor™ or other) with a 1mm thickness layer
- apply a deeply penetrated base coat

2. Preparation of AKTERM Standard™ for application:

- open the bucket and add water: 5-10% of the total amount of AKTERM Standard™. Viscosity of material is regulated depending on surface temperature when drawing and her configuration.
- carefully mix manually or by drill at a rotation speed of 150-200 revolutions per minute until smooth

3. Application of AKTERM Standard™:

- apply the product on the dry, prepared surface at temperatures of application and drying established for the coating
- the coating is applied with a brush, spatula/trowel or an airless, high pressure sprayer; apply layer by layer consistently of 0,3-0,5 mm with intermediate drying of 24 hours
- while working, continually keep mixed to an uniform consistency each 5-8 min

4. Finishing coating:

- after the layers of the coating AKTERM Standard™ have completely dried, apply decorative plaster, filling or water based paint or hang wall-paper. Previously apply base coat on a prepared surface (recommended).

Application conditions

AKTERM Standard™ is applied layer by layer of **0,3-0,5 mm** at the outside temperature from **+7°C to +45°C** to a surface with the temperature from **+7°C to +90°C**. Once the layers are completely dry, the surface can be used within the temperature range of **-60°C to +150°C**. The drying time of one insulating layer is **24 hours** at air temperature not less than **+7°C** and air humidity no more than **65%**. On ready surface you can apply water based paint or company logo, filling, decorative plaster or hang wall-paper.

- **The recommended thickness of AKTERM Standard™ covering** - 1,5mm.
- The flow rate of AKTERM Standard™ is 1 liter per 1 M² with the layer thickness 1 mm.
- The color of the coating once it is dry is white.

Safety requirements

- When working use protective gloves, safety glasses.
- Avoid skin or eye contact. Upon accidental contact with skin or eyes - wash it away. Consult a doctor.
- Does not contain organic solvents
- **NON-FLAMMABLE**

Area of use

- heat insulation, water and sound proofing of residential and non-residential buildings and facilities
- weatherization of walls, floors and ceilings, roofings and rooftops
- protection against ultraviolet radiation and damaging environment factors
- heat insulation and waterproofing of basements, balconies and loggias
- insulation of the outside parts of construction facilities: building facades, interpanel joints, roofings
- transportation vehicles, vessels, storage tanks, reservoirs
- residential-grade and industrial-grade pipelines
- metal structures, hangars, garages, warehouses
- heat insulation of motor vehicles, shipping containers

LIQUID INSULATION COATINGS «AKTERM»

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