

Technical Data Sheet

KOFATERM OUTDOOR PASTE

1. Product description :

Kofaterm Outdoor Paste – Thermal-reflective exterior paste.

Kofaterm Outdoor Paste is a modern thermal modernization paste that forms a coating with densely packed microspheres, reflecting over 90% of thermal waves. This paste can save up to 40% of the energy required for heating.

2. Coating Features:

Eco-friendly water-based paste • Reduces heat penetration, prevents overheating and degradation of the substrate's insulation materials • Eliminates thermal bridges • Prevents the penetration of moisture from the outside (hydrophobic) • Helps in drying the wall and improves its thermal insulation properties (vapor-permeable) • Prevents the formation of water condensation on the wall surface • Prevents the formation of mold, algae, and fungi • High abrasion resistance • Characterized by high adhesion to all concrete, gypsum, wooden, and other surfaces • Flexible and covering persistent micro-cracks in the substrate • Improves sound insulation • Increases the thermal resistance of the wall • Can be tinted with inorganic pigments for emulsion paints • Resistant to UV radiation • Can withstand temperatures ranging from -50 to 160°C.

3. Substrate Preparation:

The surface must be clean, dry, and degreased. In the case of surfaces that have never been painted before or when unsure about the durability of the old coating, it should be primed with KOFARB's dedicated UNIVERSAL PRIMER.

4. Application:

KOFATERM OUTDOOR PASTE is designed for all types of exterior wall surfaces, including wooden ones. Thanks to its properties, it can be used on roofs of single-family homes, apartments, hospitals, hotels, offices, production halls, garages, as well as in the food, heating and refrigeration industries, animal husbandry, etc. The KOFATERM OUTDOOR PASTE coating is a unique material that allows for the thermal modernization of historic buildings under conservation protection.

5. Application Method:

KOFATERM OUTDOOR PASTE can be applied by spraying, trowel, or roller for structural plasters. It must be mixed before application, and depending on the adopted application technique, it can be diluted with water in a maximum amount of 5 parts of water to 100 parts of paste. It can be applied in a single layer, but optimal energy benefits are achieved after applying 0.8-1.2 mm to the insulated surface. The paste should be applied at a temperature of 5 to 25°C. The coating gains full properties after 14 days from the completion of the work.

6. Product Data: The data presented is for white produced in the factory.

<u>Property</u>	<u>Standard</u>	<u>Description</u>
Colour	White	White
Solids by volume		86%
Density		0,6 kg/L
pH		8,8

7.Tool Cleaning:

After finishing work, the tools used should be washed immediately with water.

Yield: Approximately 1m² / 1L at a coating thickness of 0.8-1.2 mm.

Precautions: Use personal protective equipment, protect people and the environment in accordance with the painting guidelines, and follow proper painting techniques after reviewing the Safety Data Sheet for the paint. The manufacturer is not responsible for the use of the product in a manner inconsistent with its intended purpose.

Shelf Life: 24 months from the production date in a factory-sealed package at a temperature of 5 to 25°C.

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