

Technical Data Sheet

KOFATERM ROOF PASTE

1. Product description :

Kofaterm Roof Paste – Thermal-reflective roof paste.

Kofaterm Roof 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 roof insulation materials thus ensuring roof temperature stability at the ambient temperature level
- Eliminates thermal bridges
- Exhibits high hydrophobicity
- Prevents the formation of water condensation on the roof surface
- Prevents the growth of mold, algae, and fungi
- Resistant to washing and scrubbing
- Exhibits good adhesion to all roof surfaces, including bituminous ones, when using the PRIMER BITUM undercoat
- 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. Unprotected metal surfaces should be well coated with an anti-corrosion primer. In the case of bituminous surfaces, the BITUM PRIMER by KOFARB should be used.

4. Application:

KOFATERM ROOF PASTE is designed for all types of roof surfaces, including bituminous 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 ROOF PASTE coating is a unique material that allows for the thermal modernization of historic buildings under conservation protection.

5. Application Method:

KOFATERM ROOF PASTE can be applied by spraying 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.

C
o
n
t
a
i
n
s
:

W
a
t
e
r
-
s
o
l
u
b
l
e

d
i
s
p
e
r
s
i
o
n
s
,

p
i
g
m
e
n
t
s