

TECHNICAL DATA SHEET - B-THERMIQ ROOF

Scope of Application

ROOF coating is intended for decorative and protective application on roof surfaces made from various materials, in particular galvanized and/or aluminum sheets, roofing felt, and ceramic tiles.

Performance Parameters

- environmentally and ecologically friendly coating,
- easy to apply,
- good coverage,
- spreads well on properly prepared substrates,
- forms coatings that improve the building's energy performance; the coating demonstrates 92% reflectance in the visible light spectrum,
- the protective coatings increase the resistance of the finished roofing to environmental loads, including mechanical loads (resistance to cracking and scratching),
- the coatings show high resistance to water absorption during rainfall,
- coatings have enhanced microbiological resistance and are more resistant to soiling.

Product Characteristics

Properties	Technical Parameters
Viscosity (Ford Cup No. 4): flow time for 50 cm ³	>20s
Density at 20°C	0,75-0,85g/cm ³
Application temperature	+15 do +25°C
Number of coats	2
Drying time for one coat	2-3 hours
Coat consumption for double application	2m ² /litre
Reflectance level	93%

Surface Preparation

Thoroughly clean and dry the surface. Remove any remnants of old coatings using a water jet with a pressure of approximately 150 bar. Areas affected by mold, mildew, or algae should be mechanically cleaned and disinfected with a biocidal agent, ensuring that the underlying causes of their formation are also eliminated. When applying the product to metal substrates, pay particular attention to any existing micro-corrosion; such surfaces should be carefully cleaned and treated with a suitable anti-corrosion product. The ROOF coating should be applied using a hybrid spray unit.

Application

Thoroughly mix the ROOF coating before use. A two-coat application is recommended to achieve a final coating thickness of 1mm. Apply the second coat 2-3 hours after the first one, once it is completely dry. Application should be carried out at an ambient temperature ideally between +15°C and +25°C. After completing the work, clean all tools with water, following the equipment manufacturer's instructions.

Additional Information

The product is sensitive to low temperatures and should be stored at a temperature between +5°C and +25°C in a shaded area. The shelf life of the coating is 12 months from the production date, provided the storage conditions and packaging integrity are maintained.

The ROOF coating is available in plastic containers with capacities of 10L and 1000L.

VOC content according to Directive 2004/42 FE130g/l from 2010: The product contains a maximum of 50g/l.