

TECHNICAL DATA SHEET - B-THERMIQ OUTSIDE

Scope of Application

OUTSIDE coating is a ready-to-use product designed for decorative and protective applications on almost all exterior building surfaces. The unique formulation of our coating contributes to improving the building's energy balance. Through comprehensive application (both exterior and interior), it enables energy savings of approximately 30% in overall energy consumption. In addition to its energy efficiency benefits, the chemical composition provides elastomeric properties, enhancing the resistance of exterior surfaces to low temperatures and allowing for the bridging of microcracks in the coating.

Performance Parameters

- Eco-friendly coating that is safe for both the environment and surroundings
- Easy to apply
- Excellent coverage
- Good adhesion to microporous mineral substrates
- Forms coatings with good variable diffusion properties
- High resistance to aggressive external factors, including water
- Excellent UV resistance and durability under changing weather conditions
- Good flexibility of the formed coatings enhances resistance to microcracks and mechanical stress

Product Characteristics

Properties	Technical Parameters
Dry matter content	above 50%
Viscosity according to Ford Cup 4; flow time for 50 cm ³	50-100s
Density at 20°C	0,75-0,80 g/cm ³
Wet scrub resistance of the coating according to PN-EN 13300	class 2
Number of coats	2
Drying time of the first coat	3-4 hours
Coat consumption with two-coat application	2m ² /litre
Level of reflectance	93%

Surface Preparation

Surfaces intended for application should be clean, dry, free of cracks, and free from algae. Therefore, they should be thoroughly washed in advance using a pressure washer. After drying, before applying the OUTSIDE coating, fill any plaster gaps and prime the surface thoroughly using a priming product manufactured by our company.

Application

Application work should be carried out at a substrate and ambient temperature between +15°C and +25°C. Before application, the OUTSIDE coating must be thoroughly mixed.

A two-coat application is recommended to achieve a final coating thickness of 0.50 mm. The second coat should be applied approximately 6 hours after the first. Apply OUTSIDE using a hybrid spraying unit. After finishing the application, clean the tools according to the equipment manufacturer's instructions. The coating consumption for a two-coat application is approximately 2 m²/l.

Additional Information

This product is sensitive to low temperatures and should be stored at temperatures between +5°C and +25°C, away from direct sunlight. The shelf life of the OUTSIDE coating is 12 months from the production date, provided that the above storage conditions are met and the original packaging remains sealed. The OUTSIDE is available in plastic containers with capacities of 10 liters and 1000 liters. VOC content according to Directive 2004/42/EC: limit value (Cat A/c) – 130 g/l (from 2010). This product contains a maximum of 30 g/l.