

TECHNICAL DATA SHEET - B-THERMIQ INSIDE

Scope of Application

INSIDE coating is a product that properly distributes heat inside the room, which contributes to an increase in temperature by approximately 3-5°C.

In a room where the product is applied, heat movement occurs through radiation generated by the radiators, which is then reflected off the walls in all directions. This makes the heating system more homogeneous, with temperature variations of only up to 1.5°C.

General benefits after applying INSIDE:

- Improved well-being
- Fewer allergic reactions
- No electrostatic charges in the air
- Reduced possibility of mold or bacteria spores on walls
- Energy savings of over 30%
- Stabilization of humidity and heat distribution on the covered surface
- Due to its flexibility, the coating corrects any microcracks on the surface

Product Characteristics

Properties	Technical Parameters
Density at 20°C	0,80-0,83 g/cm ³
Viscosity according to Brookfield L3 RPM5	ok. 20 000
Dry matter content	above 50%
Dry film thickness after double application	0, 50mm
Wet scrub resistance	Class 2-3 (PN-EN 13300:2002)
Coating	matte
Coverage after double application	2m ² /litre
Reflectivity level	93%

Preparation of the substrate:

The substrate should be cleaned of cracks, dust, and remnants of old coatings. After that, any defects should be filled, and the surface should be primed with an acrylic primer produced by our company. Once dry, the INSIDE coating should be applied using a hybrid sprayer.

Application:

Mix thoroughly and apply the coating to the walls in two layers to achieve a final film thickness of 0.50mm. After the first layer dries – approximately 2-3 hours – the second layer can be applied. The drying time of the coatings depends on the application temperature – the coating can be applied within the range of 5-35°C, although the optimal range is 15-30°C. The base color is white, which can be tinted to any desired shade.

Coating consumption:

The coverage for a single application is approximately 4m²/l, while for double application, the consumption is 2m²/l.

Cleaning of tools after use:

After finishing the work, the spray equipment should be cleaned according to the manufacturer's instructions.

Additional information:

During application, general health and safety rules outlined in the safety data sheet should be followed, and children should be kept away from the work area.

The INSIDE coating should be stored, like all water-dilutable products, at a temperature of 5-25°C.

The INSIDE coating is produced in plastic containers with capacities of 10l and 1000l.

The limit for VOC content according to Directive 2004/42/EC (cat. A/a/FW) is 75g/l (2007) and 30g/l (2010). The product contains a maximum of 30g/l.