

TECHNICAL DATA SHEET - B-THERMIQ INVISIBLE

Scope of Application

INVISIBLE is a ready-to-use hydrophobic renovation coating with thermal insulation properties, designed for decorative and protective applications on nearly all surfaces, both exterior and interior.

For example, it can be used on residential building façades such as townhouses, single-family and multi-family homes made of brick or stone. It is also suitable for the façades of heritage-protected buildings, where conventional thermal insulation solutions (e.g. polystyrene, mineral wool) do not meet the criteria for preserving historical urban value (e.g. townhouses, religious buildings, historic structures, and others). The special composition of our coating protects surfaces from UV radiation.

The product must not be applied during rain. Under no circumstances should water be added to dilute the product.

Product Characteristics

Properties	Technical Parameters
Viscosity according to Ford Cup 4; Flow Time 50cm ³	60-100s
Density at 20°C	1,00 g/cm ³
Drying Time of the First Layer	2-3 hours
Layer thickness	0,30 mm

Painting

Before applying the product, the surface must be cleaned of cracks, dust, remnants of old paint coatings, and algae. Any defects should be repaired. The surface should be washed with a high-pressure washer. Once dry, apply the INVISIBLE coating using a hybrid device; application can also be done with a brush or roller (wool, short nap). The product must not be applied during or immediately after rainfall, nor on damp surfaces.

Before application, mix the coating thoroughly and apply two layers to the walls to achieve a final coating thickness of 0.30 mm. The second layer can be applied after the first has dried, which typically takes 2-3 hours. Drying time depends on the application temperature. For optimal results, maintain a temperature between +20°C and +30°C with a maximum air humidity of 75%, which supports achieving excellent thermal coating properties.

After application, clean tools with water according to the manufacturer's instructions.

Additional Information

The product is sensitive to low temperatures and should be stored at a temperature between +5°C and +20°C, away from direct sunlight. The production date is indicated on the packaging.

The maximum allowable VOC (volatile organic compounds) content according to Directive 2004/42/EC (category A/a/FW) is 75 g/l (2007) and 30 g/l (2010). This product contains a maximum of 30 g/l.