

# TECHNICAL DATA SHEET - B-THERMIQ METAL

## Scope of Application

METAL is designed for decorative and protective coating of roof surfaces made from various materials, especially zinc and/or aluminum sheet metal. It is an easy-to-apply, environmentally friendly product that offers the following properties: high hiding power, good adhesion to microporous mineral surfaces, coatings with good variable diffusion, resistance to aggressive external conditions including water, excellent resistance to weather and UV radiation, and good coating flexibility, which enhances resistance to cracking and scratching.

## Performance Parameters

- Environmentally friendly product
- Easy to apply
- High hiding power
- Easily spreads on properly prepared surfaces
- Forms coatings that improve the building's thermal balance, with a reflectance level of 92% of the visible light spectrum
- Protective coatings enhance the roof's resistance to environmental stresses, including mechanical loads (resistance to cracking and scratching)
- Applied coatings are particularly resistant to water absorption during rainfall
- Coatings have improved resistance to microorganisms and dirt

## Product Characteristics

Properties	Technical Parameters
Viscosity (Ford Cup 4); flow time for 50 cm <sup>3</sup>	>20s
Density at 20°C	0,75-0,85g/cm <sup>3</sup>
Application temperature	+15 do +25°C
Number of coats	2
Drying time of the first coat	2-3 hours
Coat consumption with two-coat application	1m <sup>2</sup> /litre
Level of reflectance	92%

## Surface Preparation

All surfaces to be coated should be in good condition, clean, and dry. Residues of previous coatings should be removed using a pressure washer with a pressure of 150 bar. In areas where algae, fungi, and mold growth is present, the surface should be mechanically cleaned and undergo biological disinfection. The cause of this contamination should be eliminated. Metal surfaces should be free from corrosion, including micro-corrosion, and should be cleaned and protected with an anti-corrosion product. METAL should be applied using a hybrid spray gun.

## Application

METAL should be thoroughly mixed. It is recommended to apply two coats to achieve a coating thickness of 0.50 mm. The second coat can be applied 2–3 hours after the first coat, once it has dried. Apply at an air temperature between +15°C and +25°C. After completing the application, all tools should be cleaned with water.

## Additional Information

The product is sensitive to low temperatures and should be stored away from direct sunlight at a temperature between +5°C and +20°C. The production date is indicated on the packaging. The VOC content complies with EU Directive 2004/42/EC FE130g/l from 2010. The product contains a maximum of 50 g/l. EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May cause an allergic reaction. Harmful to aquatic life with long-lasting effects. Keep out of reach of children. Wash hands thoroughly after contact with the product. Avoid release into the environment. Wear protective gloves/clothing. Dispose of contents/container in properly labeled waste containers in accordance with national regulations.