



**Product Overview**  
This scientifically validated, water-based insulation paint is formulated from elastomeric resin and incorporates specialized vacuum micro-spheres. It features vapor permeability, low thermal conductivity, high solar absorption, and elevated surface heat yield, delivering effective heat and water insulation for both interior and exterior surfaces.

**Application Domains**  
• It is suitable for both interior and exterior surfaces, features low labor costs, and is simple and swift to apply.

**Technical Specifications**

Density (25°C, g/mL)	0,70 ± 0,15
pH (25°C)	7.0 - 9.0
Viscosity (25°C, mPa.s)	12500 - 13500
Solid Content (by weight percentage)	48 ± 2
Water transfer rate (kg/m <sup>2</sup> · h <sup>0.5</sup> )	≤ 0.1 CLASS W3
Adhesion strength (N/mm <sup>2</sup> ) as assessed by the pull-off test.	Crack sealing or flexible systems with a traffic load of ≥ 0.8 N/mm <sup>2</sup>
Water vapor permeability (m)	SD < 0.14 CLASS I
Thorough drying	72 seconds

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.

**Advantages**

- It does not conduct radiant heat, resulting in energy savings of up to 40%.
- It inhibits moisture and mold development on the wall while also providing water and sound insulation properties.
- It is resistant to dirt, easy to maintain, and possesses flame-retardant and non-combustible characteristics.

**Surface Preparation**  
The surfaces designated for coating must be entirely clean and dry, devoid of residues such as oil, dirt, dust, and rust. Comprehensive cleaning is crucial to guarantee optimal adhesion.

**Mixture**  
CLASS T-PAINT must be mixed until it achieves a homogeneous consistency. Mixing should be performed with a low-speed mixer or drill. During application, CLASS T-PAINT should be stirred at regular intervals to maintain its homogeneity. No additional substances or liquids should be incorporated.

**Application Details**  
For exterior applications, the product may be applied in 2 to 3 coats using a roller or brush, based on preference, without the need for thinning. For interior applications, it should be applied in 1 or 2 coats, contingent upon the desired color and coverage. For roof applications, 2 to 3 coats are advisable. It is recommended that each coat be applied perpendicular to the preceding one. Application can proceed while adhering to the specified drying times. The second and third coats should be applied only after the first coat has dried, with a waiting period of 4 hours required between coats.



### Consumption

Max. 300 mL/m<sup>2</sup> (for interior wall applications)  
1 L/m<sup>2</sup> (for a thickness of 1 mm)  
2 L/m<sup>2</sup> (for a thickness of 2 mm)



### PACKAGING

20 kg tin



### Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location, shielded from sunlight, at temperatures ranging from +10°C to +25°C.



### Attention

Avoid applications when the ambient temperature is below +5°C or above +30°C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been exposed to sunlight for extended periods, are frozen, or are at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life; may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a securely sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with ample water.

S29: Do not release into the sewage system.

S46: If ingested, seek medical attention promptly and present the container or label.

#### LEGAL NOTICE

The information provided herein regarding BENZKİM CLASS products, particularly the recommendations concerning their application and end use, is presented in good faith based on BENZKİM CLASS's current knowledge and experience under standard conditions, provided that these products are stored and applied correctly in accordance with BENZKİM CLASS's guidelines. The variability of products, application surfaces, and application areas in practice is significant. Therefore, when utilizing BENZKİM CLASS products, it is imperative to apply the appropriate product under the correct conditions and in the designated location, while strictly adhering to the information and instructions provided by BENZKİM CLASS regarding commercial suitability and/or suitability for a specific purpose. Failure to do so may result in BENZKİM CLASS being absolved of any responsibility for potential damages. The product user is responsible for testing the product's suitability for the intended application and purpose. BENZKİM CLASS reserves the right to modify the properties of its products. The rights of third parties must be duly respected. All orders are accepted in accordance with our current terms and conditions pertaining to sales and shipping. Users are encouraged to consult the latest version of the local Product Information Sheet for the relevant product, which can be obtained by contacting BENZKİM CLASS.

