

# MANTI CERAMIC HIGH DENSITY

**Nanocomposite heat-insulating  
paste coating**



## FEATURES

**Packaging:** 20 L

**Coverage:** 1L /1 m<sup>2</sup>/1 mm

**Recommended thickness:** 2 – 10 mm approx.

**Reflectance:** SR = 88.4% IE = 85.5% SRI = 111.5%

**Thermal conductivity:**  $\lambda_d = 0.0019 \text{ W}/(\text{m}\cdot\text{K})$

**Viscosity:** 8.000 cP

**Density:** About 760 kg/mc ( $\pm 9\%$ )

**Reaction to fire:** Euro Class A2 S1, d0

**Colour:** Natural white

**Vapour diffusion resistance (equivalence):**  $\mu = 6.40$

**Specific heat:** 1.290 J/(kg·K)

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| <b>Composition</b>         | Patented, single-component, pre-mixed product containing ceramic nanomolecules for thermal insulation  |
| <b>General information</b> | This is an innovative product with a high insulating capacity due to the combination of very low conductivity and thermal reflectance properties.<br>Breathable and certified moisture-proof and mould-proof.  |
| <b>Use</b>                 | Extremely thin protection that drastically reduces heat loss, protecting surfaces from corrosion and the formation of new fungus and mould. Particularly suitable for effective thermal insulation of walls in both civil buildings and commercial structures. Applicable on any type of masonry surface with a healthy or restored base.<br>Follow the steps in the application manual. |
| <b>Application</b>         | Trowelling is used for application, as better illustrated in the laying manual. Avoid application at temperatures below + 5°C.   |
| <b>Special remarks</b>     | Quick application with trowel. Non-toxic, odourless, low VOC.<br>100% recyclable. See safety data sheet.<br>Optimal thermal efficiency is achieved about 60 days after application.  |