

MANTI CERAMIC TECHNOLOGICAL M

**Nanocomposite liquid insulation
and waterproofing agent**



FEATURES

Package: 20 L

Coverage: 1 L /1 sq m

Thickness: 0.6–1.0 mm approx.

Ph: 8.5 – 9.5

Finish/Colour: White (can be coloured with pastel shades)

Viscosity: 7500 cP (EN ISO 3219)

Density: 900 kg/m³ approx.

Reaction to fire: Non-flammable

Solar reflectance (SR) (ASTM C1549): 88.1%

Thermal emissivity (IE) (EN 15976): 85.8%

Solar reflectance index (SRI) (ASTM E1980): 111.1%

Drying time of each coat: 24 h

Certification: EMI TUV SOUTH KFT - in accordance with ETAG 005

Composition	Patented product containing ceramic nanoparticles for thermal insulation and waterproofing.
General information	<p>This protective, waterproofing thermal coating is water based, free of solvents, and similar to paint. It consists of a thin, stable layer containing hollow ceramic microspheres. It significantly reduces the thermal load, mainly due to its heat-reflecting capacity.</p> <p>It is a uniform, decorative, and appealing coating with waterproofing properties. It adheres perfectly to various surfaces and moderates thermal bridges, thereby reducing the formation of mould and spores. It is an environmentally friendly product and does not generate hazardous waste.</p>
Use	Thermal protective and waterproof coating for the roofs and surfaces of industrial and agricultural buildings and cold stores. It can be used on metals, natural stone, concrete, wood surfaces, PVC, plastic, sintered sheet metal, etc.
Application	<p>The product should ideally be applied (in at least three coats) using an Airless Graco UltraMax II 1095 piston sprayer or Titan PowerTwin PLUS DI 6900.</p> <p>Recommended pressure: 120–140 bar, with nozzles 517, 519, 621, 625.</p> <p>Avoid application at temperatures below +5°C or humidity above 80%, and protect from rain for the first 48 hours.</p>
Special remarks	Adhesion test: no loss of adhesion, no visible signs of separation, swelling or peeling. Complete polymerization occurs within 30 days.

