

ThermaCote®



GUARANTEE
on walls & roofs

THERMACOTE® TECHNICAL DATA

full technical datasheet from www.thermacote.eu

Air permeance <small>ASTM E-2178 STANDARD</small>	0,0001 L (s·m²) at 75 Pa 0,00002 cfm/ft² at 1,56 lb/ft²
Water vapour permeance <small>ASTM E-96 STANDARD</small>	207 ng (Pa·s·m²) - 3,617 perms (outside > interior) 387 ng (Pa·s·m²) - 6,779 perms (interior > outside)
Emissivity <small>ASTM C-1371 STANDARD</small>	0,88 initial (0,86 at 3 years)
Reflectivity <small>ASTM C-1549 STANDARD</small>	0,83 initial (0,75 at 3 years)
VOC <small>(VOLATILE ORGANIC COMPOUNDS)</small>	1,186 g/L, maximum 5,3 g/L
Thermal conductivity <small>λ (LAMBDA) EN 12667 STANDARD: 2002</small>	0,0345 W/mK
Thermal resistance R <small>ISO 9869 STANDARD, UP TO</small>	1,87 m²·K/W
Energy savings	up to 40%

THERMACOTE® APPLICATION

ALL types of substrates	walls, roofs and industrial surfaces
Mode of application	180-bar sprayer (certified applicator)
Colour	colour chart of 54 shades

THERMACOTE® GUARANTEES

Guarantee - roofs	10 years	The ThermaCote® guarantee requires that the ThermaCote® thermal coating be applied by a certified professional applicator.
Guarantee - exterior walls	10 years	
Guarantee - interior walls	lifelong	

The technical information contained in this document is accurate and precise, but may be subject to change without notice.

ThermaCote®

Energy savings of up to

40%

10
year

Guarantee on Walls & Roofs

Interior & Exterior Walls

Roofs

Natural & synthetic slates, tiles, metal

New & Renovated surfaces

Industrial applications

graphic design & illustrations : maonbum.fr
credits photos : ThermaCote, Patolia



your certified
ThermaCote® applicator



A network of applicators throughout Europe
www.thermacote.eu

Revolutionises
insulation!



ThermaCote®

Thermal INSULATING Coating
WALLS & ROOFS

ANTI-HUMIDITY / HIGH PERFORMANCE

ThermaCote®



Experience and knowledge stretching back more than 30 years

Founded in the United States since 1985, ThermaCote Inc. is based on a ceramic technology first developed by NASA to protect the Space Shuttle from extreme temperature fluctuations.

An industrial solution for the general public

ThermaCote Inc. is revolutionising insulation with its thermal coating: a genuinely sustainable and energy-efficient solution offering excellent thermal protection for façades, roofs, walls & ceilings.

ECONOMICAL

ThermaCote® substantially reduces the transfer of heat and cold. This insulating thermal coating offers many advantages besides high performance.

- ✓ INSULATING barrier
- ✓ ENERGY SAVINGS of up to 40%
- ✓ Air- & Water-TIGHT, while remaining breathable
- ✓ MOISTURE control
- ✓ ACOUSTIC correction
- ✓ Extends building DURABILITY
- ✓ SPACE SAVINGS
- ✓ ENVIRONMENTALLY FRIENDLY
- ✓ Covers all type of substrates

The benefits of ThermaCote®

Thanks to its unique formulation containing a concentration of ~80% ceramic flakes, **ThermaCote®** naturally expels substrate moisture and household vapours. **ThermaCote®** therefore optimises indoor comfort and reduces microbial growth. **ThermaCote®** forms a breathable and anticorrosive hermetic barrier, and eliminates condensation and its effects (moss or mould) inside structures. Not only is the building insulated and cleansed, its life is extended. **ThermaCote® is guaranteed for 10 years on walls & roofs and is ideal for all construction types.**

INSULATING

ThermaCote® - a skin for your home

By covering the walls & roofs, the **ThermaCote®** thermal barrier regulates the structure's temperature and expels moisture to make your home a cleaner, healthier place. **ThermaCote®** preserves the fabric of the building and guards against the formation of microcracks.

ThermaCote® creates a protective air- and water-tight envelope that enhances the building's insulation and reduces thermal bridges. It ensures the wellbeing for the occupants in any season.



EFFICIENT

Optimum implementation

ThermaCote® requires no major interior or exterior works. Our certified professionals apply **ThermaCote®** using airless sprayers. This method efficiently envelopes the building without adding bulk or requiring detailing changes around windows and doors. **ThermaCote®** can be applied on all types of surfaces: walls and roofs, in construction and industry.

Being very lightweight (600g/L), **ThermaCote®** has no effect on the load-bearing capacity of the substrate.



ATTRACTIVE

3 advantages in 1 effective product

ThermaCote® offers great energy savings while enhancing the aesthetic appearance of your home. Available in 54 colours, **ThermaCote®** can be used to renovate façades and roofs without altering the structure. It's suitable for new and refurbished surfaces with no need for architectural changes or additional works.



How can you insulate your home **without** losing valuable space?

Because of its high reflectance, **ThermaCote®** prevents heat from escaping in winter and keeps it out in summer.

