



ThermaCote® TECHNICAL DATA

Air permeance ASTM E-2178 standard	0,0001 L (s·m²)at 75 Pa 0,00002 cfm/ft² at 1,56 lb/ft²
Water vapour permeance ASTM E-96 standard	207 ng (Pa·s·m²) - 3,617 perms (outside > interior)
	387 ng (Pa·s·m²) - 6,779 perms (interior> outside)
Emissivity ASTM C-1371 standard	0,88 initiale (0,86 at 3 years)
Reflectivity ASTM C-1549 standard	0,83 initiale (0,75 at 3 years)
VOC (Volatile Organic Compounds)	1,186 g/L, maximum 5,3 g/L
Thermal conductivity	0,0345 W/mK

Thermal resistance R 1,87 m².K/W ISO 9869 standard, up to

Energy savings up to 40%

ThermaCote® APPLICATION

Mode of application 180-bar sprayer (certified applicator)

λ (lambda) EN 12667 standard: 2002

ALL types of substrates | walls, roofs and industrial surfaces

Colour chart of 54 shades

ThermaCote® GUARANTEES

Guarantee - exterior walls 10 years that the ThermaCote® thermal coating be applied by a certified professional





Your certified **ThermaCote**®

www.thermacote.eu

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ThermaCote®

Thermal insulating coating

FLOORS, WALLS & ROOFS Anti-humidity / All types of substrates / Primaire et finition











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ThermaCote®

EXPERIENCE AND KNOWLEDGE STRETCHING BACK MORE THAN 30 YEARS

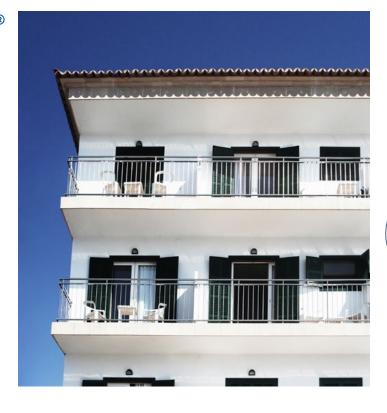
Founded in the United States in 1985, ThermaCote Inc. is based on a **ceramic technology first developed by NASA** to protect the Space Shuttle from extreme temperature fluctuations.

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.











ThermaCote® 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.



