

GUARANTEE on walls & roofs

THERMACOTE® TECHNICAL DATA

	full technical datasheet from www.thermacote.eu
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 F-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 initial (0,86 at 3 years)
Reflectivity ASTM C-1549 STANDARD	0,83 initial (0,75 at 3 years)
VOC (VOLATILE ORGANIC COMPOUNDS)	1,186 g/L, maximum 5,3 g/L
Thermal conductivity A (LAMBDA) EN 12667 STANDARD: 2002	0,0345 W/mK
Thermal resistance R ISO 9869 STANDARD, UP TO	1,87 m².K/W
Energy savings	up to 40%
THERMACOTE® APPLICATION	

Colour chart of 54 shades THERMACOTE® GUARANTEES

ALL types of substrates walls, roofs and industrial surfaces

Mode of application 180-bar sprayer (certified applicator)

Guarantee - roofs	10 ye
Guarantee - exterior walls	10 ye





Interior & Exterior Walls Roofs Natural & synthetic slates, tiles, metal **New & Renovated surfaces** Industrial applications















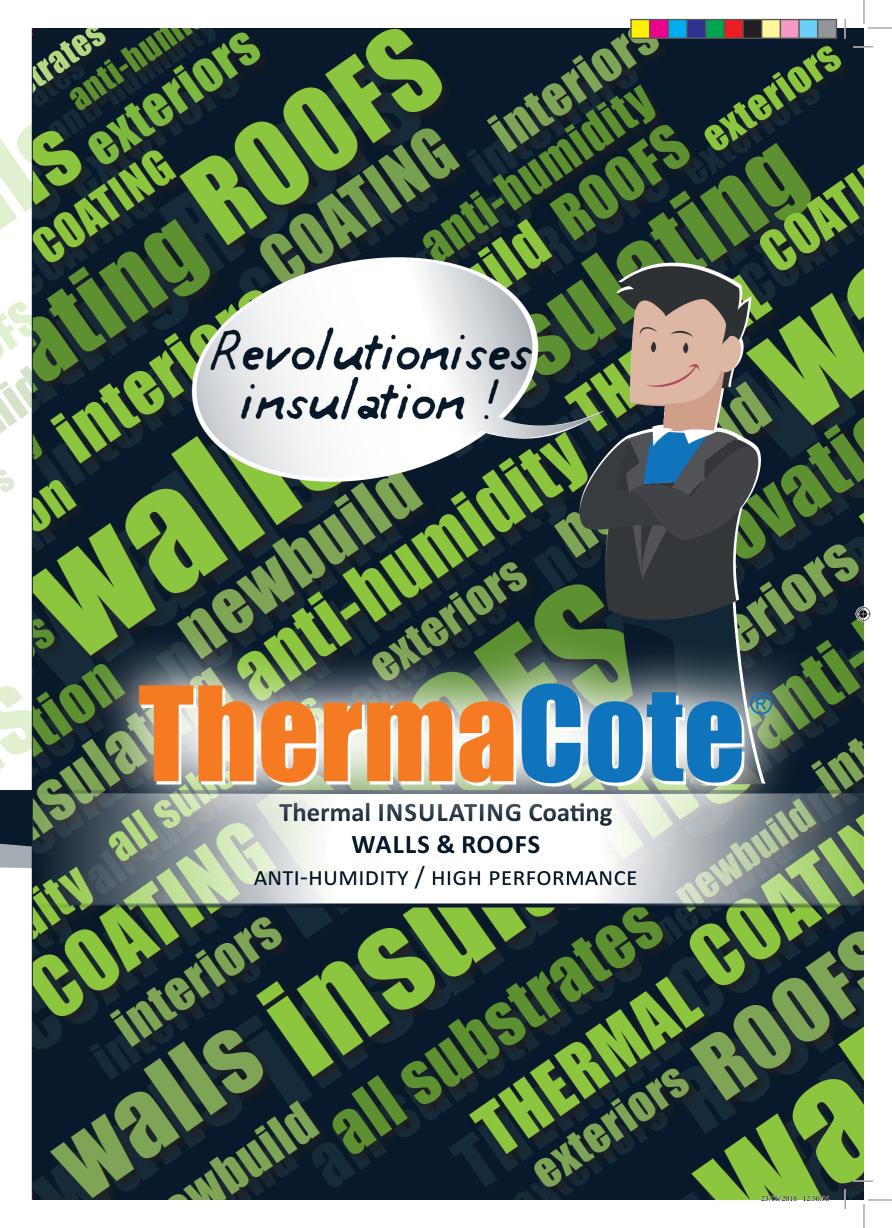








A network of applicators throughout Europe www.thermacote.eu





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

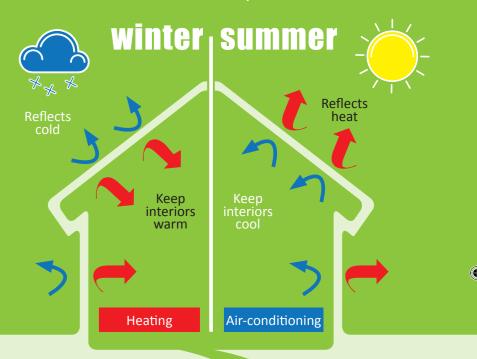
By covering the walls & roofs, the ThermaCote® thermal barrier regulates the structure's temperature and expels moisture to make your home a cleaner, healthier place. ThermaCote® preserves the fabric of the building and guards against the formation of microcracks.

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.



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.



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

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



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.



