

*Revolutionises  
insulation!*



# ThermaCote®

Thermal INSULATING Coating

WALLS & ROOFS

ANTI-HUMIDITY / HIGH PERFORMANCE

# ThermaCote®



## 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.



## 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

### 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.

## 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

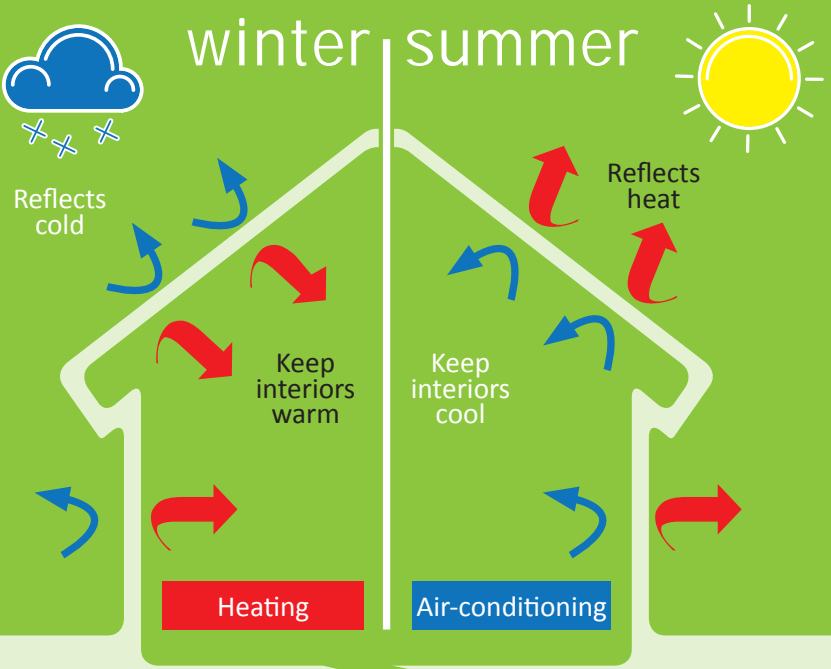
### 3 advantages in 1 effective product

**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.



# ThermaCote®

10  
year

GUARANTEE  
on walls & roofs

## THERMACOTE® TECHNICAL DATA

full technical datasheet from [www.thermacote.eu](http://www.thermacote.eu)

<b>Air permeance</b> <small>ASTM E-2178 STANDARD</small>	0,0001 L (s·m <sup>2</sup> ) at 75 Pa 0,00002 cfm/ft <sup>2</sup> at 1,56 lb/ft <sup>2</sup>
<b>Water vapour permeance</b> <small>ASTM E-96 STANDARD</small>	207 ng (Pa·s·m <sup>2</sup> ) - 3,617 perms (outside > interior) 387 ng (Pa·s·m <sup>2</sup> ) - 6,779 perms (interior > outside)
<b>Emissivity</b> <small>ASTM C-1371 STANDARD</small>	0,88 initial (0,86 at 3 years)
<b>Reflectivity</b> <small>ASTM C-1549 STANDARD</small>	0,83 initial (0,75 at 3 years)
<b>VOC</b> <small>(VOLATILE ORGANIC COMPOUNDS)</small>	1,186 g/L, maximum 5,3 g/L
<b>Thermal conductivity</b> <small>A (LAMBDA) EN 12667 STANDARD: 2002</small>	0,0345 W/mK
<b>Thermal resistance R</b> <small>ISO 9869 STANDARD, UP TO</small>	1,87 m <sup>2</sup> .K/W
<b>Energy savings</b>	up to 40%

## THERMACOTE® APPLICATION

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

## THERMACOTE® GUARANTEES

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

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 : naomum.fr.  
credits photos : Thermacote, Fotolia



your certified  
ThermaCote® applicator



A network of applicators throughout Europe  
[www.thermacote.eu](http://www.thermacote.eu)