



# ThermaCote®

**Energy Saving  
Corrosion Protection  
Weather Barrier**



- ✓ Ultra-Low VOC's
- ✓ Reduces Energy Usage
- ✓ Increases Sustainability of Buildings

## ThermaCote® for Building Envelopes

ThermaCote® is a ceramic based waterborne- acrylic coating that works as a single stage high performance insulating tool for numerous projects. This product only weighs about half the weight of water before it is applied, and is ready to go after a brief mix from your crew prior to application.

With annual testing for indoor air quality and approval from the Collaborative for High Performance Schools' (CHPS) for use in our nation's school systems and education buildings, we can all find peace of mind knowing that when this product is tasked for exterior use on homes and buildings, there will be no contribution to poor outdoor air quality. ThermaCote® is a UL Qualified product with a zero (0) flame spread and low smoke development which comes with the added benefit that this product will not contribute to a fire.

ThermaCote® can seal a building's envelope from either an exterior or interior application, and mitigates thermal bridges from entering substrates. A common application is to implement ThermaCote® coating on the interior of exterior decking and the metal or wood studs found in walls, roofs and ceilings.

ThermaCote® earned the EU's prestigious 'CE' Mark for concrete protection by proving that it stops water from entering protected substrates from rain or humidity, while simultaneously allowing moisture entrapped in the substrate to escape. This technology means that ThermaCote® create a dry inner wall for your project. Dry concrete and other dry exterior walls contribute to increased energy efficiency and an overall increase in performance of the substrate of the building. Our coating increases sustainability by reducing your maintenance costs with no additional interference to indoor air quality.

When installed on exteriors, ThermaCote® reduces, and in some cases eliminates, expansion and contraction for countless substrates. When exposed to direct sun, ThermaCote® keeps the coated substrates closer to the ambient temperature instead of allowing them to absorb runaway heat gain. This runaway heat gain contributes to an increase in the 'Urban Heat Island Effect' which makes our cities and surrounding urban areas warmer. The Urban Heat Island Effect in turn increases the demand on air conditioning, and more so in hot climates and warmer seasons. ThermaCote® works to mitigate cold transference in colder climates and seasons which helps to hold indoor heat inside. This increases occupant comfort levels and reduces the running time of heating units.

**ThermaCote® is available in 'cool colors' that deflect IR energy waves and helps coated substrates remain closer to ambient temperatures when exposed to direct sunlight. The 'cool colors' offer a solution to provide our clients with Cool Roofs, in colors that tend to be more sensible for building dense areas, and allow for customization.**



**1-888-389-0628**  
**info@thermacote.com**  
**www.thermacote.com**

**MasterSpec®**

a product of The American Institute of Architects