

# Copper Canyon Coatings

## Environmental Intelligent Coatings

**Residential Applications - Radiant barrier applied to exterior walls and attic roofing reduces energy consumption by reflecting heat. Reduces energy cost by 15-30%**



INSULADD insulating paints and insulating paint additives provide homeowners with a 4th method of insulating their homes which is by creating a radiant barrier in the paint and "reflecting heat". Thus substantially reducing the amount of heat trying to enter or exit your home.

Home insulating is commonly available in 3 types: rolled fiberglass with a paper or foil backing, foam sheets or panels, and loose blown in place home insulation. All of these are "resistance" types of insulation since they "resist" the passage of heat. These types of home insulation products are rated in their effective-

ness by the term "R-value" which relates to how effective the materials are in "slowing down" the passage of heat. The higher the R-value the more effective the material is as slowing down the passage of heat.

### How Thermal Block Works

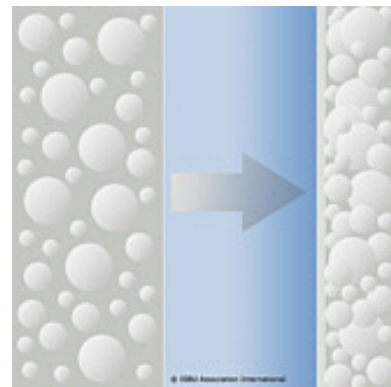
Insuladd Thermal Block radiant barrier contains tiny Insuladd ceramic micro-spheres of 30-100 microns in diameter.

These tiny microspheres act as highly efficient thermal barriers that reflect radiant against heat, this actual happens even before the Insuladd Thermal Block radiant barrier primer/sealer dries.

This highly efficient radiant barrier greatly improves your wall insulation and ceiling insulation. This is created by the microspheres coming closer together as the coating dries, until they eventually touch each other forming a single, very thin, thermal radiant barrier.

This barrier reflects, refracts and dissipates heat, thereby keeping heat in a structure during the cold winter months and out of the structure during the hot summer months.

The Insuladd® microspheres are extremely strong and lightweight, the ceramic particles add very little weight but substantially increase the strength of the coating.



- 100% non-toxic, a child or pet could swallow it with no effect. .... FACT
- Compatible with every material and surface. .... FACT
- Non-polluting of course. .... FACT
- Safe in our water, lakes, streams, and soil. .... FACT
- Highly effective: 1 mm, the thickness of a business card. .... FACT





