

The problem

Today, energy costs just keep rising and it looks like there is no end in sight. You have upgraded your insulation, adjusted your thermostat to where it is just barely comfortable, and still the bills are outrageous. Perhaps you have the type of construction where upgrades to your insulation are not economically practical.

The solution **ePaint- Insulating Paint Products**

ePaint Insulating ceramics are a result of the NASA technology developed to combat the extremely high temperatures that the space shuttle experiences during re-entry. NASA discovered that by applying ceramic tiles to the shuttles outer hull, heat was reflected away from the ship's outer skin. This ceramic insulating technology was released to the public in 1996 as part of the NASA's technology exchange program. Until now, high manufacturing costs have prohibited the successful introduction of these applications into residential and retail markets.

ePaint now offers TO THE PUBLIC a ceramic insulating additive, that when mixed with the paint created a barrier to heat.

What does that mean?

Your regular everyday paint, Any paint, now has the ability to reflect up to 95% of the heat back to its source. This reflectivity reduces the heat load on your existing insulation allowing it to perform more efficiently and diminishes wear and tear on your heating and air conditioning equipment.

ePaint's ThemasCels™ are environmentally friendly, non-toxic and compatible with any paint.

Insulating Ceramic Microspheres, What they are and how they work?

Imagine a hollow ball so small that looks, to the naked eye, as if it is a single grain of flour (Slightly thicker than a human hair) This ball has compressive strengths of up to 6,000 psi, a softening point of about 1800 degree C., chemical resistant and is non-combustible.

Pretty tough little ball

Now let's improve on it by removing all the gas inside and create a vacuum. The laws of physics state that nothing (including heat and sound) can move by conduction through a vacuum, since it represents an absence of matter.

In effect we have a mini thermos bottle

A microscopic hollow vacuum sphere that resists thermal & sound conductivity. When these microspheres are combined with other material they improve the thermal resistance of those materials and reduce heat transfer. In a bulk state, the additive looks like talcum powder which mixes in easily to any type of paint or coating. The roundness of the microspheres causes them to act like ball bearings, rolling upon each other, thus allowing the coating to flow more easily. When applied like paint the coating shrinks down tight creating a dense film of the super insulating vacuum cells.

This ceramic layer provides improved fire resistance, protection from harmful UV rays, repulsion of insects such as termites, as well as protection from the destructive forces of weather being a ceramic impregnated film. The scrub ability of the dried paint film and the durability is improved tremendously.

Where can I use it?

Interior and Exterior ceiling's, Walls & Roofs, Greenhouse's, Attics, Heating & Cooling ductwork, Metal buildings, Mobile homes, Buses & RV's, horse trailers, Transportation vehicles, Utility sheds and workshops, Hulls of ships and boats, Livestock shelters, School bus roofs.

You have many ways to save energy & money!

Adds a high insulating value to all paint types.

Safe, non-toxic and environment friendly.

Formulated for interior and exterior use.

Highly effective in both hot and cold climates.

Greatly reduces heating and cooling demands.

Our paint is:

Ready mixed with insulating ceramics

Premium grade insulating coatings

Mildew Resistant

Use on: wood, cement, stucco, plaster, drywall, brick, stone, metal.

Easy clean up with water.

Can be painted to your choice of colors.

Whatever your choice you will reduce your utility bills and create a more comfortable home. Winter or summer, interior or exterior. Use ePaint products for your next painting project, an energy conservation product that will continue to work for you year after year.