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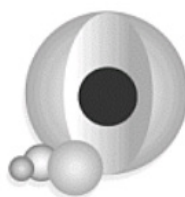


## THE WHOLE HOUSE HEALTH AND EFFICIENCY EXPERTS



TriGuard ceramic insulating paint additive is a fine, white powder blend of high strength ceramic “microspheres”. Each single ceramic microsphere is so small that it looks to the naked eye as if it is a single grain of flour, slightly thicker than a human hair. This ceramic microsphere makes paint insulate.

The microspheres in the TriGuard insulating ceramic additive have compressive strengths up to 6,000 psi, a softening point of about 1800° C., and they are fairly chemical resistant, with low thermal conductivity of 0.1 W / m / Deg.C.



### Benefits of TriGuard Thermal Paint

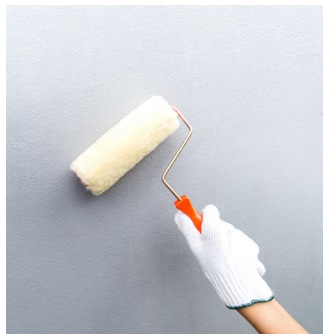
- ▶ Hard ceramics provide longer lasting durability which means you paint less often
- ▶ Exceptional stain and scrub resistance
- ▶ Ceramics are non-toxic & fire resistant
- ▶ Helps deaden sound
- ▶ Use on interior or exterior
- ▶ Environmentally friendly
- ▶ Reduces heat and cooling loss
- ▶ Resists corrosion, abrasion, mold and mildew

*The addition of the ceramics to any material provides improved fire resistance, protection of coated surfaces from harmful UV rays, repulsion of chewing insects and increased durability of the coating due to the hard ceramic finish. Ceramic filled paint is easier to clean and lasts far longer than conventional paint pigments.*

**TriGuard insulating ceramic additive is completely inert and can be mixed into ANY paint, coating or composite including interior house paint, exterior house paint, roof paint, solvent base coating, epoxy, urethane, high temperature paint, elastomerics, mastics etc.**







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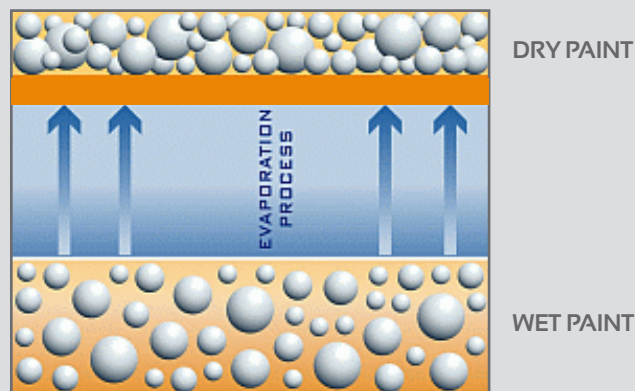


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### How does Thermal Paint Work?

When mixed into paint the painted surface dries to a tightly packed layer of the hard, hollow “microspheres”, (TriGuard’s exclusive CVM, ceramic vacuum matrix technology.) The tightly packed film reflects and dissipates heat by minimizing the path for the transfer of heat. The ceramics are able to reflect, refract and block heat radiation (loss or gain) and dissipate heat rapidly preventing heat transfer through the coating with as much as 90% of solar infrared rays and 85% of ultra violet-rays being radiated back into the atmosphere.

### Dried Paint Film



Please contact your Quality Eco Technologies Sales Representative  
for more information at (855) 208-2584 or visit [www.qualityecotech.com](http://www.qualityecotech.com).