

# All You Need to Know About Insulating Paint

Are paints that purport to help regulate the temperature inside your home all they're cracked up to be? Learn the facts here!

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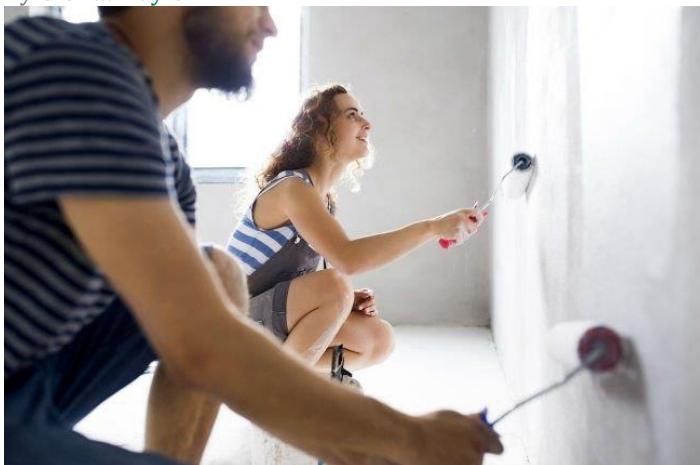


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What if you could simply roll a layer of paint onto your walls and increase the thermal insulating property (R-value) of your home? What if a can of paint could makeover a room on a budget *and* help **keep its indoor temperatures cool**? That's what insulated paint manufacturers claim their products can do. The ability to reduce your energy footprint (and your heating and cooling bills) with a coat is a fascinating prospect—but the jury is still out on how effective

insulating paint actually is. Read on to learn how insulating paint developed, how it purports to work, and if it's worth a try for your next project.

## What Is Insulating Paint?



The notion of a paint to reduce heat transfer first arose at [NASA](#) in the hope of protecting the space shuttle from the extreme heat generated by reentry into the atmosphere. NASA scientists developed an additive that contained tiny glass spheres called “microspheres,” epoxy particles, and heat-resistant chemicals. The mixture was sprayed on the shuttle at the same time it was painted to form a protective coating.

NASA later partnered with a company called Tech Traders and, expanding on the original insulating technology, to develop an insulating powdered paint

additive, known as [Insuladd](#), which contains microscopic ceramic spheres said to form a “radiant heat barrier” when mixed with regular interior or exterior house paint. Today, Tech Traders owns and sells Insuladd. The Sole distributor for Canada is Delta coatongs & Sealants Inc.

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