

Testing Results:

Geosciences Ltd:

The following results came from **Geosciences Ltd.**, a highly accredited 48-year-old R & D laboratory that performs thermal physics testing of materials and insulation systems. Geosciences' Thermal Property Testing Laboratory has received accreditation, certification, approval or acceptance from the following agencies:

1. California Energy Commission (CEC).
2. International Code Council (ICC).
3. Dade County Building Code
4. MIL-C-45662A
5. Special Process Supplier's Certification
6. Pacific Gas & Electric Company
7. Puget Sound Power
8. San Diego Gas & Electric Company
9. Oregon Department of Energy
10. Canadian General Standards Board
11. Cytec Fiberite

Geosciences has also performed contract research for government agencies such as AEC, ERDA, DOE, NASA, ONR, USAF and the USN's Civil Engineering Laboratory.

Geosciences Results:

Geosciences Ltd has run over 10 different ASTM or ASTM-based tests for EdenPURE® Energy Saving Pro. The testing results clearly prove that **EdenPURE® Energy Saving Pro (Insulating Paint Additive) reduces heat flux through ordinary paint and assemblies by up to 38%.**

Specific Testing:

1. **ASTM E-408 Infrared Emissivity Test & ASTM E – 1918 Solar Reflectivity Test:** Test report shows interior 11.8% and exterior 37% heat reduction when using EdenPURE®.
2. **A Comprehensive “R” value test with concluding data for 18 common wall assemblies:** Test report shows that EdenPURE®, when added to paint, more than doubles the “Whole-Wall Effect R-Value” in the majority of cases.
3. **Thermal Wall or Roof Model Test of Six Types of Building Envelopes:** Test report illustrates a 13% value or advantage resulting from using EdenPURE® reflective paint on the outside of building envelopes. Specifically, the energy savings are significant.
4. **Testing Method for Calculation of Equivalent R Value:** The test report shows that the EdenPURE®/Primer-coated panel consistently produced results showing a reduced heat flux through the R-3 panel of 33%, doubling the “R” value of the test substrates.

CABR

The **Chinese Academy of Building Research**, National Center for Quality Supervision and Test of Building Engineering was founded in 1953 and is the largest and most diverse research institution in the building industry in China. CABR has 14 research institutions and 77 laboratories. After testing EdenPURE® Energy Saving Pro, they found:

Under the same exterior temperature, the use of EdenPURE®-imbued paint resulted in an energy-saving rate of 12% and higher.

Huanan University of Science and Technology

The Center of Energy-Saving Research at the **Huanan University of Science and Technology** is a world-leading institution for Architecture and Energy. They found the following:

The test resulted in a significant energy-saving of 24.8% from the former where EdenPURE®-added paint was applied.

Additional testing from the above-mentioned facilities as well as additional facilities not mentioned in this document is available upon request.

TESTIMONIALS FROM ACTUAL CUSTOMERS

1. I had the entire exterior of my two-story house in the San Francisco Bay Area painted with two coats of EdenPURE®-added-paint. The following month I noticed a significant reduction in my PG&E bill. I am delighted with EdenPURE® and will be using it the next time we have my rental units painted. I am also encouraging my senior citizen clients to use EdenPURE® for the obvious savings it provides. You folks have a wonderful product!

Joanne L. Gardiner

2. After I obtained the distributorship agreement with you, I tested the material in my shop. I am a cautious person when it comes to representing material or services to a customer.

I sprayed a metal panel with gloss white enamel, and another panel with semi-gloss off-white latex. Having been a paint distributor of automotive & industrial finishes, I was aware the test I was doing was definitely not in favor of your product.

I placed panels under an infrared lamp with a refrigeration thermometer under each panel. After a period of time I read the thermometers. The gloss white panel was 105 degrees F. The semi-gloss latex (now flat after adding EdenPURE® Energy Saving Pro) was only 90 degrees F.

I did not expect such a large differential, so I switched the panels above the thermometers and repeated the test. The 2nd test only showed approximately 1 degree difference from the first test.

As a result of testing your product myself, I can approach my customers with great confidence. I am sure that our customers are going to very much appreciate the results of using this material - a great money saver in these energy costly times.

If a customer would care to call me about this material, I will happily respond.

The Tool & Equipment Company

3. I visited the site today (storage facility) and did some testing with an infrared thermometer. The temperature of the treated door was 115°, the untreated unit's door was 138°. The block work on the treated unit was 101° and the untreated unit's block was 116°. I also installed a digital thermometer in each of the units and the treated unit was running approximately 10 to 12 degrees lower than the untreated unit. We checked the temp in the units at approximately 3:30 PM and the treated unit's temp was 121° and the untreated unit was 131°. It would seem to me that if the whole roof was treated, the interior temperature would be dropped by 35° or close to that.

George

4. My name is Jon. I am the home modification coordinator for the city. We have a monthly newsletter that we put out to our consumers called the *Bridge*. The following is the article that was written about your EdenPURE®.

Thanks to a paint additive (EdenPURE®) a consumer will be enjoying much cooler temperatures this summer. The consumer had bought a mobile home that had an addition built on the side that was made into a living room. The roof of this addition was just an aluminum awning with no insulation. Last year, due to the radiant heat from the awning, the temperature inside the home would reach 110 degrees and the temperature in the addition would reach 130 degrees. The paint additive, with a two-coat application, insulates the awning to an R-22 rating. The home modification project proved very successful in that soon after the coating, when the outside temperature was 86 the inside temperature was 70. **A more recent check on the home found that when the outside temperature hit 110, the home inside stayed around 85 degrees.** We are sure that this process will make it more livable for the consumer this summer. COOL! After this article appeared, I have had four calls on your additive. I have referred them to your web site. I hope that is ok.

Thank you for your wonderful product. When I build myself another home I am definitely going to use your EdenPURE®!
Thanks again.

Jon

All of the testimonials are by actual EdenPURE® customers who have volunteered their stories without any form of compensation from EdenPURE®.