

CASE STUDY

Residential Application

Award Winning Energy Saving and Asset Protection Coatings



GEOGRAPHICAL AREA:

Dallas, Texas

ISSUE:

With a nationwide heat wave and rising energy costs, this homeowner was looking for an economical way to reduce the heat transfer into his attic, bring down the attic temperature and reduce the amount of energy consumption used for heating and cooling his home

SOLUTION:

Healthy House Paint[™] applied to the ceiling of the attic.

Coverage: 3-coats

RESULTS:

- ✓ Provided an initial temperature reduction of 42F in just 3 weeks cure time.
- ✓ Reduction in heating and cooling costs.
- ✓ Provided mold and moisture prevention.
- ✓ Long lifetime 5-10 years.

Healthy House Paint[™] by Synavax[™] was used to coat the ceiling of the attic. The house was 4,000 square feet with an extremely high pitched roof line. The area of the attic was little over 3,000 square feet.

With the heat wave that had been experienced that year, the owner of the house put thermometers in the attic, monitoring the heat through the day. During the later afternoons with the outside temperature at 104F, the inside of the attic was 143F!

The initial application covered 1/3 of the attic with 3 coats, and 2/3 of the attic with 2 coats. The crew returned two weeks later to apply the 3rd coat to the rest of the attic .

They noted the temperature outside was 103F (it was 3 hours earlier than the first application and at the peak of the heat for the attic). The temperature was 101F, a 42degree drop from the uncoated temperature.

The team continued coating the duct work, the A/C units (which are in the attic) and the ceiling of the attic. With the third coat over the remaining 2/3 of the attic now completed, the applications and owner expect and even better heat reduction results.



**Reduction of approximately 42 degrees Fahrenheit
with SynavaxTM thermal insulating paint.**

