

EAST BAY REGIONAL PARK DISTRICT



CT-CALIFORNIA

Although East Bay Regional Parks District does not endorse any products, we are very pleased with the energy saving performance of your product Cerama-Tech.

Please find attached a copy of the performance report of Cerama-Tech when it was applied to the underside of one of our 32 - foot trailers. The before readings were taken while the trailer still had the standard R-11 fiberglass insulation under the trailer.

The results after the application indicate a very substantial reduction in heating requirements for the trailer.

Cerama-Tech was also applied to the interior gypsum board of the garage of one of our houses. Although no temperature readings were taken in this instance, the reduction in heat loss was definitely and immediately felt by our painters at the time.

We are currently looking at other application for use of Cerama-Tech on and in our buildings.

Thank you for bringing this product to our attention.

Sincerely,

Brian Shum

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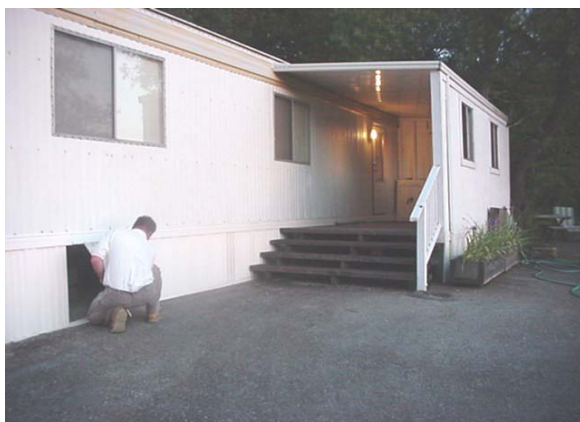
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February 11th, 2005

Initial report of Cerama-Tech application to underside of mobile home and metal heat ducting also located under the mobile home.

On February 8th, 2005, painters for the East Bay Regional Park District applied Cerama-Tech to the undercarriage of a small mobile home, approximately 600 square feet of floor space.

The exposed metal heating duct, (3" x 12" x 30') also located under the mobile home, was also coated. However, the top of the duct is less than 1" away from the underside of the trailer and COULD NOT be coated as it was not accessible. ***Only 60% of the surface area of the duct could be coated.***

The unit had been vacant for some time and the gas heating unit was off. The thermostat read 40 degrees at the time the gas heater was turned back on. The thermostat was set at 72 degrees.

Air temperature readings were taken at three locations on the air duct for both tests.
At the heater.
At the closest register in the building (kitchen) 4 feet from the heater.
At the farthest register, 30 feet away from the heater.

The following readings were taken immediately prior to application on February 8th, 2005;

At the heater, the air temperature was 148 degrees F., this was the constant reading. Kitchen, at 25 minutes after the heater was turned on the air temperature topped out at 121 degrees F.

At the farthest register 30 feet away, at 25 minutes the air temperature topped out at 110 degrees.

It took the unit running constant for ***4 hours and 45 minutes*** to satisfy the thermostat and heat the building to 72 degrees F.

The following readings were taken 3 days after the application. The heater was turned on and the building temperature was 50 degrees.

At the heater, air temperature 148 degrees. (No change)

Kitchen, topped out at 130 degrees in 7 minutes (difference of +9 degrees F. in 18 minutes less time.)

At the farthest register 30 feet away, **at 7 minutes the air temperature topped out at 121 Degrees F. (A difference of +11 degrees realized 18 minutes sooner)**

It only took ***45 minutes*** for the thermostat to be satisfied at 72 degrees (***A difference of 4 hours running time for the unit***)

Note: This is an 84% reduction in heater run time.