

SUPER THERM Projects Spring 2008

I wanted to make contact just before the weekend and let you know the latest acknowledgements for SUPER THERM.

We have been working in Las Vegas for 7 weeks now in an all-out effort to prove our point. Since this area is full of snake oil salesmen, talkers- but no real doers, promises but no follow through, we knew we had to make the statement, talk the talk, do the walk and stay on site to show we are 100% in application systems just like the product is in performance.

We started with the General Manager's house that runs "The Steak House" at Circus Circus – rated #1 Steak House in Vegas for the past 20 years and you should go there next time in the area.

We shot his attic underside decking with the HSC at 50 mils dry (25 sq.ft./gallon) to block the HEAT LOAD from transferring into the attic from the tiles.

We shot his duct work with SUPER THERM to block any remaining HEAT LOAD from entering the ducting itself. Therefore, cold starts at point A and arrives at point B without lost of cool due to heat load.

Next, we tinted the SUPER THERM to the light tan approved by the home owners association and did his exterior sprayed directly over his stucco. We used our Ceramic Stucco to do the patching over the cracks and damaged areas first, then over coated with the tinted SUPER THERM.

We did this around the latter part of April. They were having 45-50F at nights and 85F days. Their heaters were kicking on at nights and A/C during the day.

After we coated his heater did not kick on and his A/C unit would not kick on during the day.

His first bill was the April/May after application. Last year the energy cost was \$180, this year \$110. \$70 savings or approx 39% savings.

He has a large pool and this is part of his utility cost.

His second bill was the May/June. Last year the energy cost was \$240 and this year \$120. 50% savings.

Since it is just now becoming hot (107F – 115F), I see his savings going to 65%-70% during the summer.

Ron, the home owner said that his house stays night and day between 76-79F consistently.

During this time we were applying to his house, it happened to be “Green Week” and Channel 3 News and the Home and Garden Magazine learned of our activities. Channel 3 did a series on what we were doing and how it was working during the last of April for the Green Week event. The Home and Garden wanted us to be present in their Trade Show that coming week. They made a place for us and we set up a booth. They wanted to do a spread in their magazine for the July 1st issue. This is attached. We have done several houses in the area at this point as well as portable class rooms for the CCSD (Clark County School District – second largest school district in the US). The engineering department had us do portables and tilt up school locations so that they could probe the roofs and walls to check the BTU reduction, cost savings of each type of building. We did this for them. The results are fantastically as expected. They had applied a competing coating over another portable for us to match up against and we blew them away (Example of readings: No coating on roof- 161F, competitive reflective coating – 131F and SUPER THERM – 86F.

Last week, they had asked for and we did their administration building downtown which was so hot on the top floors that conferences and some people had to allowed to go home early due to the heat build-up. The roof was a rolled roofing material. It read by heat gun to be 190F the afternoon we were to clean it. After our application, it read 95F with the ambient being 97F at the time of the reading. We could be 2 degrees below ambient because a slight wind was blowing and since the ceramics throw heat off the surface at a 95% rate, the wind carried this away and actually recorded it 2 degrees less than ambient. This is nothing more than physics working.

The second attachment is from the Architectural Journal. They chose projects that are rated “GREEN” and publish them in their article. The SUPER THERM project on condo’s in Austin, Texas was rated in the top five. This is where we used our Ceramic Stucco as the finish look over their board, then finished with SUPER THERM as the insulation. The system is certified green with documentation, insulates to the R 19 equivalency, Class A fire rated, Sound barrier, resist mold/mildew and a point that is critical to stucco systems – it is a proven Water Barrier – not just a moisture barrier.