



Actual Customer Energy Savings Facts From Using Super Therm®

"THE HARD FACTS" about SUPER THERM® Performance

- FACT:** Vodafone Engineering Study shows 52% reduction in KW usage from application of SUPER THERM® on mobile phone containers, which results in actual dollars saved on the TOTAL utility bill. Vodafone is the largest mobile telecommunications network company in the world.
- FACT:** Clark County School District's Engineering Study documents reduction in roof temperatures from 161 ° F down to 97.5° F (2 "over ambient air temperature) in Las Vegas. CCSD of Nevada is the 2nd largest school district in the US.
- FACT:** Florida Department of Energy Specialist documents moisture block and air flow reduction as well as a 30% utility savings on homes in Florida (hot humid climates) and in Denver (dry climates) as well as steel containers.
- FACT:** 2008 temperatures in Las Vegas average 110° F in July. Adobe homes coated (roof and walls) with SUPER THERM® report up to 50 - 60% savings on the TOTAL utility bill. One house (1400 sq.ft.) has a utility bill of \$103 for the month of July with swimming pool and five (5) freezers along with electronics running constantly. House maintains temperature not over 81° F without air conditioning.
- FACT:** Total house application cost is paid with energy savings in 2 - 4 years.
- FACT:** German Mechanical Engineer in Construction Physics makes study of home coated with SUPER THERM® and finds 76% less energy usage from SUPER THERM® as compared to fiberglass and rock wool.
- FACT:** Sony Corporation in partnership with the Japanese Government performs an energy savings study on 430,000 sq.ft. roof in an industrial park that is coated with SUPER THERM®. Although building is already insulated with rock wool, pay back from additional use of SUPER THERM® was still a 13 month ROI.
- FACT:** Sony Corporation coats roof and walls of one monitored building with SUPER THERM® and finds a 78% reduction in total energy consumption.
- FACT:** Blue Chip Casino Ship (largest casino ship in United States) in Michigan City, Indiana, uses SUPER THERM® as the only insulation for hull (inside and outside) of ship and for HVAC ductwork.
- FACT:** Storage Tank heat gain using Specific Heat formula and Delta T difference in heat gain before and after coating with SUPER THERM. Net result as calculated for Saudi Aramco Oil on a 40,270 sq.ft. tank was before SUPER THERM the heat load was 3,000,000 BTUs and after applying SUPER THERM the heat load was 30,000 BTUs over the entire surface of the tank. The heat load was reduced to 100th of the original BTUs!