

# TEMP-COAT® - Designed to Save Energy and Preserve Assets

**Our premier product is TEMP-COAT® - the very best and oldest name in liquid ceramic insulations.**

**TEMP-COAT** is a general purpose thin film liquid pliable latex barrier form of insulation that has many uses for Industry, Commerce, and the Home Owner. Its sprayed on liquid ceramic coating offers superior insulating qualities. TEMP-COAT provides protection against ultraviolet rays, heat and cold, wind, rain, rust, vapors, mildew, and water. It provides superior energy savings and inhibits rust, thus elongating the life of the asset. TEMP-COAT was original designed by NASA for use on the Space Shuttle.

**Thermal Insulation** – TEMP-COAT is a very special product that supplies a UV resistant solar reflective heat shield during the summer and a thermal radiant barrier during the winter. TEMP-COAT is a US Department of Energy **ENERGY STAR** certified green approved product. TEMP-COAT Ceramic Insulation provides full-time, year-round insulation protection and rust control with one easy to install coat of product that lasts for years.

At times of high solar activity and heat, its highly reflective surface reduces the need for cooling energy in the summer. During summer months, TEMP-COAT will reduce the temperature under the surface to which it is applied by at least 20 degrees in direct sunlight. During the colder months, the product provides a thermal barrier which retains warmth thus significantly reducing the need for heating energy. TEMP-COAT dramatically decreases the need for energy use in the building to which it is applied so it provides a significant year-round energy use cost savings. We estimate that your energy savings will be at least 16% and the average Return On your Investment will be realized between 12 – 14 months in energy cost savings.

**Additional Benefits** - In addition to all of its many outstanding insulating qualities, the TEMP-COAT product has many other Additional Benefits:

Rust / Condensation Control – Because TEMP-COAT physically adheres to the surface it insulates - it provides a surface barrier that significantly reduces CUI (Corrosion Under Insulation). Thus, it is an excellent choice to fight rust and condensation that cannot be achieved by conventional insulations.

Flame Resistance – TEMP-COAT has a low flame spread so it provides flame resistance properties and benefits. Lloyds Register classifies TEMP-COAT as a “fire resisting material” having a low flame spread tested at 5 on a scale of 100. They also tested Smoked Developed Toxicity of 5 on a scale of 100.

Environmentally Friendly - Certified Green by the US Department of Energy. **Energy Star** rated.

Moisture Control – Since it completely adheres to the surface to which it is applied - It controls moisture and curbs condensation.

Pliability – Since the product is a flexible, pliable, extremely light weight product - it expands and contracts with the surface to which it is applied, thus reducing expansion and contraction roof causing damage.

Surface Coating - It provides an easy to maintain, abrasion resistant coating that assists in protecting coated surfaces from wind driven rain, cold-heat cycling, rust, chemical vapors, and mildew. It also reduces vibration and reduces noise.

Easy Clean Up - It is an easy to clean up acrylic based product that cleans up after use with soap and water.

Advantages - Versus Traditional Forms of Insulation - TEMP-COAT offers an added dimension in that it is a liquid ceramic barrier form of insulation. Independent Certified Testing shows TEMP-COAT to perform at least as well as 4" of traditional insulation with an R20 rating, plus its added reflective properties. The product fights rust and limits flame spread - which cannot be achieved with other traditional forms of insulation. It is also often more cost effective than traditional insulations.

Very Affordable – TEMP-COAT products and installation are very reasonably priced. It is often less expensive than the material and installation of traditional forms of insulation – which it out-performs!

Proven - Our TEMP-COAT® Brand Products are tested and proven. Our products have been used in the field for years and are backed by certified lab data before they are offered to the public. Our products have been tested and proven by Thermophysical Properties Research Labs, Purdue University, the US Navy, McDonnell Douglas, Ingalls Shipbuilding, The British Royal Navy, Boeing, Lloyd's Register, and other certified testing authorities.

10-Year Warranty – TEMP-COAT® Brand Products, LLC warrants Temp-Coat as an insulation under normal use and installation conditions for a period of 10 years from the date of application.

Temp-Coat serves over 100 of the Fortune 500 Manufacturing Companies. All these qualities make Temp-Coat the obvious choice over other standard insulations, as the industry leader in insulation and ceramic coatings. We are known throughout the world for providing top-notch service and support.

