

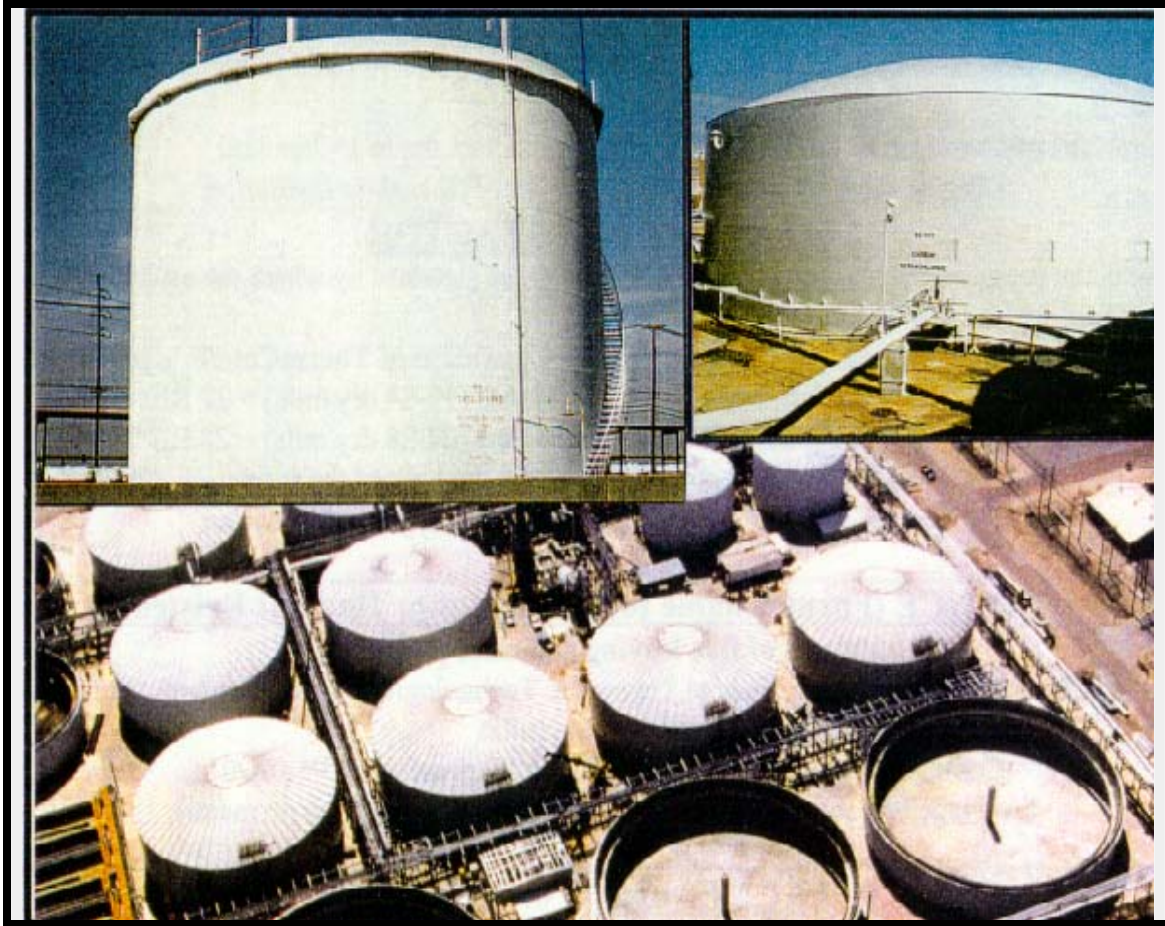
CERAMIC REFLECTIVE-INSULATING COATINGS

APPLICATIONS IN THE

PETROCHEMICAL INDUSTRY

Primary Performance: Insulation of exterior roofing and wall substrates against radiant heat and controlling heat conduction to the interior surfaces. Radiant heat is repelled, surface heat is repelled, conduction is minimized and condensation is eliminated. Holds heat in and cold temperature-flows out and vice versa.

Secondary Performance: At a build-up of 25 - 30 mils, Ceramic Coatings offers fire protection from flame, smoke and gas penetration, as well as heat transfer.



Petroleum crude and derivative product storage tanks, when coated with Ceramic Coatings, register a temperature on the outside vertical and horizontal surfaces that is close to the ambient temperature. The result is *a substantial reduction of poisonous gas emissions into the atmosphere.*

Temperatures on the top area of tanks, even when painted white, will easily reach **160°F to 170°F** on **100°F** days. However, when coated with Ceramic Coatings, the surface area of the tank will remain at an ambient temperature of **100 °F, only.** The exceptional ability of these products to reflect radiant heat is due to the suspension of multifunctional, high-grade ceramics in top quality elastomeric acrylics.