

Primer/Paint System for Thermal Insulation of Vehicles

Disclosure Number

200902299

Technology Summary

The present invention comprises an improved primer/paint system for providing enhanced thermal insulation of vehicles, other enclosures, shed roofs, and the like which have metal surfaces that are exposed to direct sunlight and/or ambient heat. A unique, novel primer system in combination with conventional exterior finish paint has been demonstrated to reduce heat flux to the interior of the vehicle by between 15 and 40%, depending on the thickness of the metal substrate. Thus, the present invention significantly reduces temperatures inside the vehicle (by up to 15 °F).

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