



TIODIZE®

TECHNICAL DATA

ALUMAZITE

ZM-40

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ALUMAZITE ZM-40

ALUMAZITE ZM-40 is a Low VOC, aluminum filled corrosion inhibitive coating that does not contain any Chromate Pigments.

ALUMAZITE ZM-40 has excellent adhesion to all metals and it eliminates the commonly acknowledged dangers of hydrogen embrittlement or diffusion cracking, as related to cadmium plating processes.

ALUMAZITE ZM-40 has been tested and proven in such areas as automotive, marine, aircraft, missiles, farm equipment, fasteners, etc. and it can be applied to a wide variety of materials.

SALT SPRAY

ALUMAZITE ZM-40 exceeds 1500 hrs salt spray when applied at a thickness of 0.0005 inch over Zinc Phosphate Steel.

ALUMAZITE ZM-40 exceeds 3000 hrs salt spray when applied at a thickness of 0.001 inch over Zinc Phosphate Steel.

FLUID RESISTANCE

ALUMAZITE ZM-40 is resistant to:

MEK	Tap Water	Silicone Fluid, DC200	Jet Engine Oil, MIL-O-6081
Skydrol	Distilled Water	Fluid, MIL-F-5566	Gas Turbine Oil, MIL-L-7808
Dioxane	MIL-O-5606	MIL-L-6082 1100	Hydraulic Fluid, MIL-H-5606
Toluene	MIL-C-3278	Jet Fuel, MIL-J-5624	Fluid, MIL-A-3136, TY II Oil
Xylene	Trichloroethylene	Engine Fuel, MIL-G-5572	

GENERAL PROPERTIES

Recommended Cure 400°F for one hour
Temperature Range -65°F to +600°F
Color Silver
Shelf Life 12 months