



# TIODIZE<sup>®</sup>

## 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