

Mirachem⁰ 250 Materials Compatibility Testing

Test Description	Materials Tested	Dilution	Time Period	Temperature	Results	
Corrosion Removing Compound, Repaint, for Aircraft Aluminum Surfaces Mil-C-38334A	As specified	As Specified	As Specified	As Specified	Shelf Life Emulsibility Viscosity Effect on Painted Surfaces Nonflammability Immersion Corrosion Residual Corrosion Stress crazing of acrylic plastics Practical cleaning	Conforms Conforms Conforms Conforms Conforms Conforms Conforms Conforms Conforms
Desmutter, Aluminum, Liquid AMS 1626A	As Specified	1:1	As Specified	As Specified	Smut Removing Ability Desmutter Control Solution Effect on Unpainted Surfaces Effect on Painted Surface Effect on Plastics Etch Rate on Aluminum Alloy	Conforms Conforms Conforms Conforms Conforms Conforms
Special Wire Immersion Study Weight Loss Corrosion Study	Copper Tube Copper Wire (Coated) Stainless Tube Insulation Stainless Tube	Full Strength	15 min. 30 min. 60 min 4 hours 24 hours	Ambient, washed with hot water, dried for 1 hour at 135°F	See report for cumulative weight loss. Only copper tube showed evidence of significant weight loss at 24 hours. Copper tube showed evidence of dulling at 4 hours. Product rinsed residue free from all materials.	