

**MIL-PRF-22750G Type II, Class H, Grade A–High Solids Epoxy Topcoat – Semigloss**

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>A two component high solids epoxy topcoat with a maximum VOC of 2.8 lbs/gallon (340 grams/liter).</p> <p>Qualified under MIL-PRF-22750G.</p> <p>This product may be used as a topcoat over MIL-PRF-23377 primer or MIL-DTL-53022 primer.</p> <p>Randolph Products Co. warrants that its Products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should thoroughly test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or replacement in kind.</p> <p>Randolph Products Company            33 Haynes Circle            Chicopee, MA 01020            Phone: 413-592-4191            Fax: 413-594-7321            www.randolphproducts.com</p>	<ol style="list-style-type: none"> <li>1. <b>Color:</b> SAE-AMS-STD-595/ Fed. Std 595 Colors 2XXXX</li> <li>2. <b>Volume Solids:</b> 51 - 56% (varies by color)</li> <li>3. <b>Solids by Weight:</b> 62 - 69% (varies by color)</li> <li>4. <b>Viscosity:</b> &lt; 50 seconds #4 Ford Cup</li> <li>5. <b>DFT:</b> 1.7 – 2.3 mils</li> <li>6. <b>Theoretical Coverage @ 1 mil dft:</b> 818 - 898 ft<sup>2</sup>/gallon (varies by color)</li> <li>7. <b>Gloss @ 60°</b> 15 - 30</li> <li>8. <b>Dry Time</b> Set to Touch: 4 hours max. Dry Hard: 8 hours max. Complete Cure: 7 days</li> <li>9. <b>Pot Life</b> 4 hours minimum</li> <li>10. <b>Mix Ratio</b> 2:1 by volume 2 parts Component A 1 part Component B</li> <li>11. <b>VOC</b> &lt;2.8 lbs/gallon (340 grams/liter)</li> <li>12. <b>Induction Time</b> 30 minutes</li> <li>13. <b>Shelf Life</b> One year from date of manufacture</li> </ol>	<p><b>Steel:</b> Surface must be clean and free of grease, dirt, oil, rust and other contaminants that could interfere with proper adhesion.</p> <p><b>Aluminum:</b> Surface must be clean and free of grease, dirt, oil, rust and other contaminants that could interfere with proper adhesion.</p> <p><b>Galvanized and other metals:</b> Clean and remove surface contamination including oxidation.</p> <p><b>Application Note:</b> Apply in two coats with 15 minutes between coats.</p> <p><b>Reduction:</b> Reduce with MIL-T-81772 Type 2 as required.</p> <p><b>Conventional Spray:</b> Atomizing Pressure: 45 – 55 psi Pot Fluid Pressure: 10 – 20 lbs.</p> <p><b>Airless Spray:</b> Tip Size: 0.011 – 0.015” orifice Atomizing Pressure: 1800 - 2200 psi</p> <p><b>Clean-up:</b> Clean tools and equipment immediately after use with MEK, MAK or MIL-T-81772 Type 2 thinner.</p> <p><b>Safety Precautions:</b> This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet prior to application.</p>