

Fight Corrosion without Chrome.

Introducing 3M™ Scotch-Weld™ Structural Adhesive Primer EW-5005, meets key industry screening requirements and regulatory expectations

This high-performance, bond primer provides durable protection, promotes adhesion at the substrate interface and inhibits corrosion within and outside the bond line.

- ▶ For primary and secondary structure metal bonding
- ▶ Use on aircraft, rotorcraft, military platforms and more
- ▶ Compatible with 3M™ Surface Pre-Treatment AC-130-2
- ▶ Compatible with many adhesives, processes and cure cycles

3x 
Increased spray
transfer efficiency
over traditional
solvent based primer



Meets specifications. Exceeds your expectations.



3M™ EW-5005 protects and preserves surface preparation from corrosion.

Water based formulations help decrease exposure to emissions that occur with standard solvent based primers.



NASA Technology Evaluation for Environmental Risk Mitigation (TEERM) Consortium Study Results: Phase 1

Requirement	Environment	Surface Prep	Primer Offering				
			3M™ EW-5005	BR®-252	BR®-6747	BR®-127 NC	BR®-127 (Control)
	Chrome-Free		▲	▲	▲	▲	
Corrosion	Salt/Fog	PAA	▲				▲
	Hot/Wet	PAA	▲		▲		▲
Wedge Crack	Salt/Fog	Sol-Gel	▲		▲		▲
		PAA	▲		▲		▲
	Hot/Wet	Sol-Gel	▲		▲		▲
		PAA	▲	▲	▲		▲

*Source of data: "Evaluation of Hexavalent Chromium Free Bond Primers for Aerospace and Defense Applications"
<http://www.pfonline.com/articles/evaluation-of-hexavalent-chromiumfree-bond-primers-for-aerospace-and-defense-applications>

3M™ water based primers provide performance in key environments in surface preparations when compared to primer control used as industry standard.

Product	Item Number
3M™ Scotch-Weld™ EW-5005 Structural Adhesive Primer, 5 gal, 1 per case	7100138584
3M™ Scotch-Weld™ EW-5005 Structural Adhesive Primer, 1 gal, 4 per case	7010293980

Authorization to Use

Ensure products meet all applicable specifications, standards, and maintenance manual requirements for the platform being worked on and validate all aircraft approvals against current technical documentation.

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3M Automotive and Aerospace Solutions Division

3M Center, Building 223-1N-14
 St. Paul, MN 55144-1000

General & Technical Information
 1-800-235-2376
3M.com/Aerospace