


# Fight Corrosion without Chrome.

**Introducing 3M™ Scotch-Weld 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 – and water based formulations help decrease exposure to emissions that occur with standard solvent based primers.

## TEERM Consortium Study Results: Phase 1

Requirement	Environment	Surface Prep	Primer Offering					
			3M™ EW-5005	3M™ EW-5000ET	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: <http://www.pfonline.com/articles/evaluation-of-hexavalent-chromium-free-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.

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