

Ultra Heat Resistant Primer

Surface Preparation & Coatings

PROJECT INFORMATION	OBJECTIVE
<p>Prime/Lead: Fincantieri Marinette Marine</p> <p>Team Members: Northern Coatings and Chemical, Elinor Coatings</p> <p>Duration: 12 Months</p>	<p>Erection and other hotwork during construction require costly and time consuming coating touch-up. This project will develop and test an Ultra Heat Resistant Primer that can withstand the temperature of welding on the opposite side of a steel plate.</p>
DELIVERABLES/BENEFITS/ROI	FINANCIAL
<ul style="list-style-type: none">• Reduce 2200 hours of masking and coating touch-up of overhead erection joints per vessel.• Optimize the structural design and remove landing bars.• Improve schedule by up to 4 months• Final reports to NSRP and Public Shipyards	<p>Program Funds: \$150K</p>

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- Elinor visit to Northern and FMM begin to discuss technical development and manufacturing requirements of the Heat Resistant Primer
- Elinor working in formulation phase and resin selection
- Salt spray testing has started
- Weld testing has started
- Product with best corrosion resistance will be chosen and can move forward.
- FMM designed procedures to test the new coating

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