

Suggested Criteria to Use to Evaluate a Corrosion-Retardant Coating for Heat Exchangers:

We suggest you consider these criteria before choosing a coating to protect your heat exchangers against external corrosion:

- 1) Excellent corrosion-retardant properties - Meet all pertinent ASTM standards for salt water, and/or the specific, application contaminants with no propensity for corrosion creep to occur.
- 2) Electrochemical and physical adhesion properties - Meet all pertinent ASTM standards for cross-hatch adhesion.
- 3) Durable – Flexible and will not crack.
- 4) Impact resistant - Handles in-field abuse and cleaning by power-washing units.
- 5) 99.0+% coverage - Guaranteed in writing.
- 6) Consistent, reproducible coating thickness - No matter the core's geometry or base metals used.
- 7) Zero bridging - Between fins, between louver edges.
- 8) High-edge coverage.
- 9) Green technology - Units can be repaired, and also discarded, safely. (NSA Approved.)
- 10) Military approval.
- 11) Minimum 5-year warranty against defects and/or failure.
- 12) Cost efficient.
- 13) Supplier adheres to all appropriate iso process/production standards.
- 14) Supplier has ability to respond in 1 day.

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Corrosion Coatings for Heat Exchangers

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