

Comparison of Heat Exchanger Corrosion-Retardant Coatings

Property	CoreKote 2000™	Heresite®	Copon®	Solder Coated	Paint
Flexible	Yes, 180° Bend	No	No	Yes	No
Impact resistant	Yes	No	No	Yes	No
Electrochemical adhesion	Yes	No	No	No	No
Guaranteed 100% coverage	Yes, Guaranteed	No	No	Spotty at times	No
Uniform film thickness	Yes, Guaranteed	No	No	No	No
Minimal heat transfer reduction	Less than 1%	4% to 8%	Can clump & have Major Impact	2%	2%
Quick turnaround time	5 days	7 – 10 days	Yes	Yes	Yes
Cost Effective (in terms of Efficiency)	Yes	No	No	Yes	No
Effective corrosion retardant	Best pH 3 - pH 12	Good pH 3 - pH 8	Accelerates Corrosion	Good	Accelerates Corrosion
Flakes	No, Guaranteed	Yes	Yes	No	Yes
Chips	No, Guaranteed	Yes	Yes	No	Yes
Cracks	No, Guaranteed	Yes	Yes	No	Yes
Increases rate of corrosion as a result of flaking, chipping or cracking	No	Yes	Yes	No	Yes
Coating bridges between fins or louvers	No, Guaranteed	Yes	Yes, severely	No	Yes
Weight is increased	No	Yes	No	Yes	No
Hazardous	No	Somewhat	Very	Can be	Can be
Reduction in air flow	Air Flow is Increased Surface is Slick	Yes	Yes, severely	Somewhat	Somewhat