



AerisGuard™ HVAC Performance Solutions

Corrosion Protection

Corrosion caused by climate and industrial and environmental pollution is a major problem associated with all types of HVAC equipment, deteriorating the coils, fins tubes, fans and even the cabinets of your HVAC units.

AerisGuard Corrosion Protection is a patented, water-based, self etching technology that provides comprehensive corrosion protection to all non-ferrous surfaces. Through a unique **flexible** coating it will protect your HVAC system from corrosion and prevent mold and biofilm contamination. AerisGuard contains **no solvents**, is easy to work with and dries to an 8 to 10 micron **thin coating** with no off-gassing odors after curing. The thin coating means that heat transfer in your HVAC system actually improves and a unit free from corrosion means increased energy efficiency.

Key Benefits:

Extends the Operating Life of Plant Equipment

Saves Energy

Restores Damaged Coil Surfaces

Maintains Heat Transfer

Eliminates Galvanic Corrosion

Guaranteed !

36
Month
Limited
Warranty

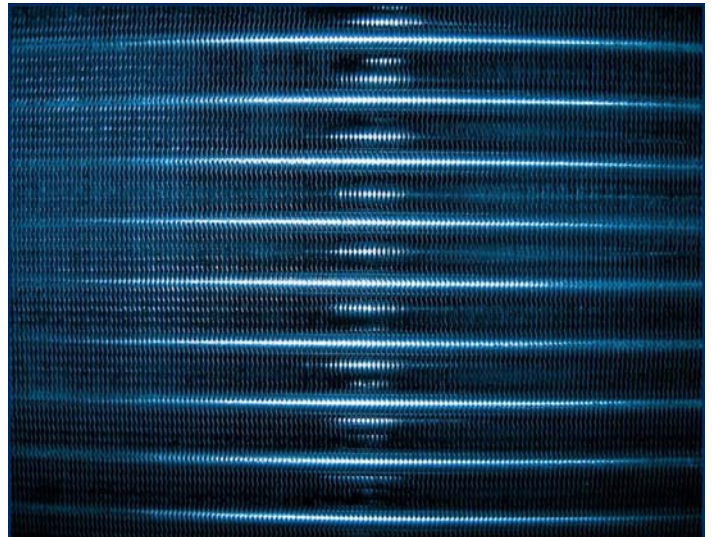
Rigorous Independent Performance Testing





AerisGuard Corrosion Protection resists the following chemicals:

Acetic acid	Hydrochloric Acid $\leq 30\%$	Propane
Acetic Acid 10%	Hydrofluoric acid < 5 ppm	Propanol
Acetone	Hydrogen	Salt spray
Allyl sulphide	Iron salts	Salt water
Aluminium salts	Isopropanol	Sodium hydroxide < 5 ppm
Ammoniacal solution	Kerosene	Sodium salts
Ammonium bifluoride < 10 ppm	Lactic acid	Sulphur
Butane	Methane	Sulphur dioxide
Calcium salts	Methanol	Sulphuric Acid $\leq 30\%$
Carbon dioxide	Methylated Spirits	Tannin
Carbon disulphide	Mineral oil	Terpenes
Carbon monoxide	Mineral Turps	Tin salts
Chlorine	Nitric acid < 5 ppm	Toluene
Copper salts	Nitrogen	1,1,1 Trichloroethane
Dimethyl ethanol amine	Nitrogen dioxide	Various foods & their ingredients
Distilled water	Oxalic Acid	Various fruit acids
Enzyme cleaning solutions	Petrol	Vegetable oils
Ethanol	Nitrogen monoxide	White spirits
Fermented products & ingredients	Phosphoric Acid $\leq 50\%$	Wood acids
Humic acid	Potassium hydroxide < 5 ppm	Zinc salts
Not recommended for strong alkaline or oxidizing chemicals		ppm = part per million



470 Norristown Road Suite 306 Blue Bell PA 19422 610.825.3401
www.aerisatlantic.com

