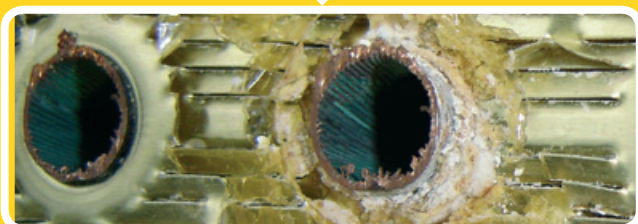


Tropic



PROBLEM

Heat exchangers are subject to severe corrosion because of their construction, which usually combines incompatible metals, and because of the volume of polluted air passing through them. Corrosion and pollution of heat exchangers will directly affect the performance of the air conditioning system. The heat exchanger must be sealed off from the environment in a manner that will not reduce its heat transfer or cause a pressure drop. When this is accomplished, the cooling capacity will remain intact and energy consumption can be controlled.



WHY USE TROPIC?

- To maintain cooling capacity
- To control energy consumption
- To extend the lifetime of the heat exchanger

SOLUTION

Blygold Tropic is a wax-based product that provides good corrosion protection on aluminium. The flexibility and adhesion qualities of the product make it suitable for on-site application as well as factory application. A special polymer creates a repellent surface that reduces the adhesion of pollution. Air conditioners treated with Blygold Tropic, in combination with a Blygold maintenance program, have been in operation for many years without capacity loss or high pressure failures.



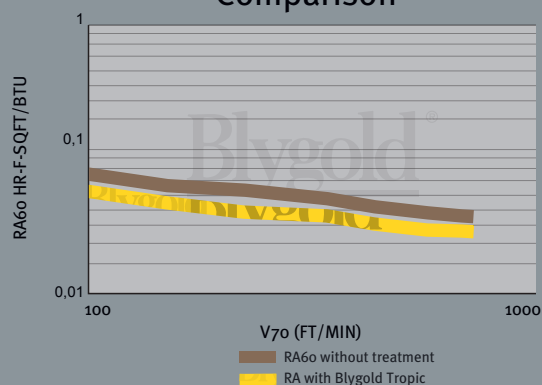
Product Sheet Tropic

TECHNICAL INFORMATION

Treatment:	Blygold Tropic
Coating type:	Bronze Pigmented, Wax Based
Color:	Bronze
Pretreatment:	Blygold Passivation Treatment
Temperature Range (dry):	0 to 120°C (32 to 248°F)
Substrates:	Aluminum, Steel
ASTM B117:	1500+ hours (neutral-salt spray test)
ASTM B287:	1500+ hours (acid-salt spray test)
Kesternich (2.0 ltr SO ₂):	40 cycles
Layer Thickness:	25-30 µm (1 mil)
Pressure Drop:	0-5 % (depending on fin geometry)
Thermal Resistance:	0-3 % (depending on fin geometry)
Application:	Qualified Blygold Applicator
UV Resistance:	good
Adhesion (cross hatch):	0 (European) 5b (USA)
Applications:	Heat exchanging surfaces in corrosive conditions
Chemical Resistance:	Good



Air-sided Resistance Comparison



CONTACT

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YOUR LOCAL BLYGOLD APPLICATOR