![MODINE - Always Innovating. Always Improving.]

ElectroFin® AM

Spray-Applied Antimicrobial Coil Coating
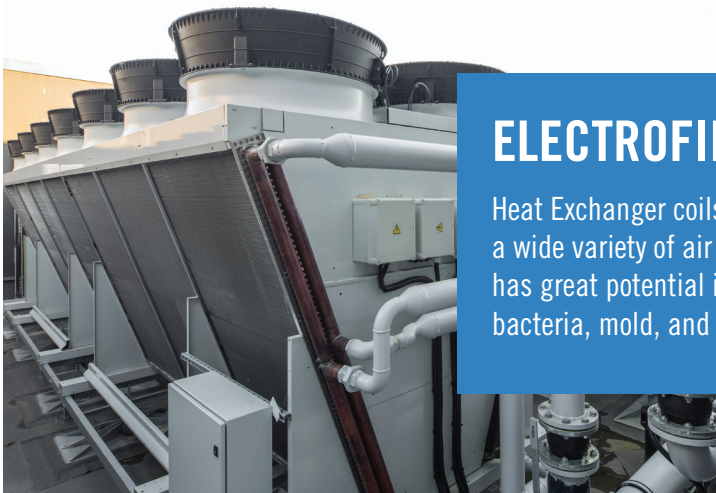
HOSPITALS

RESTAURANTS

HOTELS

- ElectroFin® AM is a durable, antimicrobial coating designed for high performance in HVAC environments

- The coating is transparent and can be applied as a topcoat over ElectroFin® E-coat

- ElectroFin® AM is embedded with AgION™, is UV Resistant (UVA & UVB) and is a ONE PART, low VOC solution

- The antimicrobial properties of ElectroFin® AM become active when moisture is present and conditions are present that can lead to bacterial growth

- This action leads to long-lasting performance of ElectroFin® AM

- When properly applied, ElectroFin® AM will protect coils from a wide variety of bacteria, as well as mold, algae, and mildew growth

ELECTROFIN® AM TYPICAL APPLICATIONS

Heat Exchanger coils coated with ElectroFin® AM are being used successfully in a wide variety of air conditioning & refrigeration applications. ElectroFin® AM has great potential in HVAC systems for hospitals, schools, and anywhere else bacteria, mold, and fungi are a concern.

TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	PERFORMANCE
Antifungal	ASTM G21	Zero growth
Dry Film Thickness	--	0.8 - 1.2 mil
Cross Hatch Adhesion	ASTM D3359	5B
Pencil Hardness	ASTM D3363	HB-F
Impact Resistance	ASTM D2794	160" Ib Direct, 160" Ib Reverse
VOC Content Mixed	--	119.79 g/l or 1.00 lb/gal
Salt Spray	ASTM B117	10,000+ hours
Humidity	ASTM D2247	No blisters after 1000 hours
Temperature Range Cured	--	0°F to 250°F
Odor	--	Little to none
Mandrel Bend	ASTM D522M	Method B: Pass 1/4" Bend

IMPORTANT APPLICATION NOTICE

ElectroFin® AM is UV resistant, which means that the cured coating can be applied in direct/indirect sunlight (UVA & UVB) applications if required.

When cleaning, the surface of the coating should be cleansed with mild detergent and then fully rinsed. Harsh abrasive cleaners, strong solvents, and acid based cleaners may cause coating damage. ElectroFin® AM is not intended for ductwork, insulation, duct board, blower wheels, or electrical components unless otherwise specified.

DISCLAIMER

Modine Manufacturing Inc., Modine CIS Coatings, and ElectroFin® make no claim or assertion that the antimicrobial properties in the coating will improve air quality or eliminate the threat of disease causing organisms.

FOR MORE INFORMATION, CONTACT US

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