

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 G21-15	Zero growth
Dry Film Thickness	--	0.8 - 1.2 mil
Cross Hatch Adhesion	ASTM D3359-09	Method B. Rates 5B
Pencil Hardness	ASTM D3363-05	HB-F
Impact Resistance	ASTM D2794-93	160" lb Direct, 160" lb Reverse
VOC Content Mixed	--	119.79 g/l or 1.00 lb/gal
Salt Spray	ASTM B117-11	5,000+ hours
Humidity	ASTM D2247-11	No blisters after 1000 hours
Temperature Range Cured	--	0°F to 250°F
Odor	--	Little to none
Mandrel Bend	ASTM D522M-13	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
COATINGS@MODINE.COM or 855-426-0669

Jacksonville
 224 Talley Nichols Drive
 Jacksonville, TX 75766

Louisville
 1423 West Ormsby Avenue
 Louisville, KY 40210

Italy
 Via Pinzano 2
 Zona Industriale Ponterosso
 San Vito Al Tagliamento (PN)
 33078 Italy

Mexico
 Ramos S de RL de CV Lib.
 Oscar Flores Tapia #1755 – 4 Parque Ind.
 Amistad Aeropuerto Seccion II,
 Ramos Arizpe, Coahuila, Mexico, 25900



ModineCoatings.com

INS75-129.1