



TECHNICAL DATA SHEET

GENERAL DESCRIPTION
– SUBJECT TO CHANGES OR DEVIATIONS

GulfCoat[®] Corrosion Coating – Spray Applied Blue, Clear, and Gold Corrosion Coating

APPLICATIONS IDEALLY SUITED FOR GULFCOAT[®]

- Heat exchanger coils (water, condenser, evaporator, DX)
- Mini-splits
- Packaged Rooftops
- Condensing Units
- Modular Air-handlers
- Air-cooled Chillers
- Interior & exterior HVAC cabinets

PRODUCT DESCRIPTION

GulfCoat[®] Spray Applied Corrosion Coatings are specially designed for the protection of HVAC coils and components. GulfCoat[®] corrosion coating is available in three colors, blue, clear and gold. They are formulated to be corrosion resistant with UV protection, moisture resistance, and adhesion. The products can be applied on-site or at your premises after HVAC units have been manufactured.

SPECIFICATIONS

Heat exchanger (HX) coils shall have a water-based synthetic polymer coating spray-applied with no material bridging between fins. The spray coating process will ensure a uniform dry film thickness of 15-30 µm (0.6- 1.2 mils) and meet 5B rating crosshatch adhesion per ASTM D3359. Corrosion durability will be confirmed through testing to no less than 10,000 hours salt spray resistance per ASTM B117 using aluminum test coupons.

PROPERTY	TEST METHOD	PERFORMANCE
Salt Spray	ASTM B117	Exceeds 10,000 hours
UV Resistance	ASTM G155 XENON	2000 hours minimum
Pencil Hardness	ASTM D3363	HB-F
Cross Hatch Adhesion	ASTM D3359	5B
Humidity	ASTM D2247	1000 hours minimum
UV Resistance	ASTM D4587	1000 hours minimum
Mandrel Bend (Flexibility)	ASTM D522M	Pass 160#
SWAAT	ASTM G85 A3	>2400 hours
C5-I Continuous Condensation	ISO 6270	Pass C5-I
C5-I Salt Spray	ISO 7523	Pass C5-I
C5-I Chemical Resistance	ISO 2812-1	Pass C5-I

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