



DATA SHEET

GENERAL DESCRIPTION
– SUBJECT TO CHANGES OR DEVIATIONS

GulfCoat™ DIY Blue, Clear and Gold Aerosol Corrosion Resistant Coatings

PRODUCT DESCRIPTION

GulfCoat™ DIY Aerosol corrosion resistant coatings are specifically designed for the protection of HVAC coils and components. GulfCoat™ Blue, Clear and Gold are formulated to improve adhesion, moisture resistance, UV protection and corrosion resistance. The products can be applied on-site or at your premises after HVAC units have been manufactured.

SPECIFICATIONS

HVAC coil and components shall have GulfCoat™ Aerosol coating spray applied with no runs or sags. The spray coating process should ensure a uniform dry film thickness of 10-36 µm (0.4 -1.4 mils) and meet 5B rating for crosshatch adhesion per ASTM D 3359-09. Corrosion durability shall be confirmed through testing to no less than 2,000 hours salt spray resistance per DIN 53167 (ASTM B117-11) using aluminum test coupons.

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 cabinetry and copper piping



CORROSION

CORROSION RESISTANCE

GulfCoat is suitable for most environments and will maintain its appearance after many years exposure to the elements.



UV PROTECTION

UV DEGRADATION

Built in enhanced UV inhibitors form a protective barrier throughout the paint film, reflecting sunlight and preventing ultraviolet rays from penetrating.



GLOSS RETENTION

GLOSS RETENTION

A high gloss finish is applied that is smooth, limits dirt and debris buildup and allows for easy equipment cleaning.

TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	PERFORMANCE
Salt Spray	DIN 53167/ASTM B117	Exceeds 2,000 hours
Water Immersion	ASTM D870	500 hours minimum - 0 blisters
Pencil Hardness	ASTM D3363	HB-F
Cross Hatch Adhesion	ASTM D3359	5B
Humidity	ASTM D2247	500 hours minimum - 0 blisters
UV Resistance	ASTM D4587	500 hours minimum - ΔE color shift < 2
Mandrel Bend (Flexibility)	ASTM D522M	Pass

PRODUCT NUMBER: IN12622-A, IEA-OC-006
PRODUCT NAME: GulfCoat Blue, Gold and Clear

RESISTANCE TO:

RESISTANCE TO CORROSION

GulfCoat™ Blue, Gold and Clear have a robust synthetic multi-polymer resin backbone that is suitable for most environments and will maintain its appearance after many years of exposure to the elements.

RESISTANCE TO UV DEGRADATION

Built in enhanced UV inhibitors form a protective barrier throughout the paint film. As a result, UV degradation of individual polymer molecules are reduced and the film integrity maintained.

GLOSS RETENTION

A high gloss finish is applied that is smooth, limits dirt and debris buildup and allows for easy equipment cleaning.