

GulfCoat™

contractor series
coil coating

DIY Aerosol Corrosion Resistant Coil and Cabinet Coatings

GulfCoat™ Contractor Series Coil Coating is new from Modine CIS. GulfCoat™ MarineBlue and MarineClear were developed in response to customer demand for a protective coating to be applied on small jobs and or in remote areas. This aerosol product will provide coverage for 6 to 8 Square Feet of coil face area, depending on users spray technique.

GulfCoat™ MarineBlue and MarineClear corrosion resistant coatings are specifically designed for the protection of HVAC coils and components. GulfCoat™ Contractor Series coatings are formulated to improve adhesion, moisture resistance, UV protection and corrosion resistance. The product can be applied on-site or at your premises after HVAC units have been manufactured and installed.

GulfCoat™ Contractor Series coatings provide a HVAC coil coating system for added corrosion protection on aluminum and copper finned RTPF and MCHX coils. GulfCoat™ coatings help to reduce the accelerated corrosion of HVAC coils. By following the coating and maintenance instructions, end users should expect extended life cycles while avoiding energy loss due to corrosion.

SPECIFICATIONS

HVAC coil and components shall have GulfCoat™ Marine 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 D3359-09. 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™ COATINGS

- 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



Protect Expensive HVAC&R Equipment from Corrosion!
GULFCOAT™ CONTRACTOR SERIES COIL COATINGS

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 minimum
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

Residential cooling loads in hot and humid climates can task utility bills and cooling equipment. Average residential energy use in these difficult environments show that air conditioning can consume almost 30% of total utility costs. Coated coil and cabinet protection for this equipment will enhance its ability to remain efficient throughout its life cycle.

DIRECTIONS:

Surface must be free of grease, rust and wax. Prior to coating, follow these steps:

1. Clean coils with appropriate cleaner
2. Rinse with clean water
3. Allow coil to thoroughly dry

Mask off or protect areas from overspray. Allow can to warm to room temperature. Shake until mixing ball rattles, then continue to shake for two minutes. Move can with light to medium strokes. Let paint become tacky between coats. After use, invert can and spray to clear valve.

RESISTANCE TO:

RESISTANCE TO CORROSION

GulfCoat™ MarineBlue and MarineClear 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.