GORILLA COATINGS, CORP.
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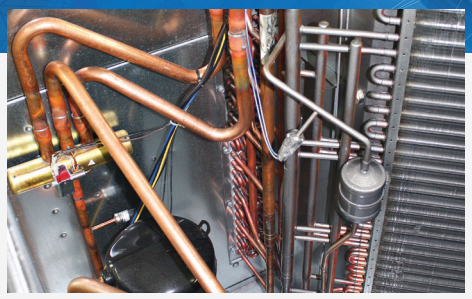
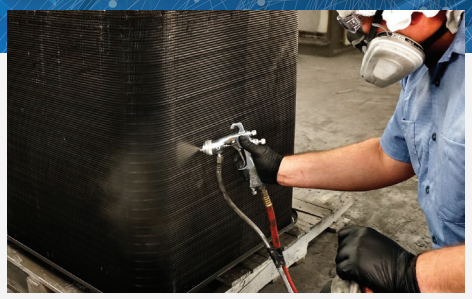
Insitu® coil and cabinet protection

Spray-Applied Corrosion-Resistant Coil and Cabinet Coating

Insitu® Spray Coat is a unique and proprietary coating process that offers today's HVAC&R systems the highest level of corrosion resistant protection. A properly coated system with Insitu® Spray Coat corrosion protection can withstand harsh environments, providing long-term and cost-effective service.





- Insitu® Spray Coat is water-based (solvent free) and water-reducible synthetic flexible polymer coating engineered specifically for HVAC&R equipment
- Insitu® Spray Coat can be applied at our facilities or on-site after installation
- Insitu® Spray Coat will increase operating efficiency and reduce maintenance and operating costs
- Insitu® Spray Coat extends the service life of HVAC&R systems
- Insitu® Spray Coat resists corrosion, ultraviolet rays and moisture
- Insitu® Spray Coat protects both round tube and micro-channel coil designs
- Insitu® Spray Coat post-manufacturing solution
- Insitu® Spray Coat process will ensure a uniform dry film thickness of 0.6-1.2 mils and meet 5B rating crosshatch adhesion per ASTM D3359
- Insitu® Spray Coat is durable and meets in excess of 10,000 hours salt spray resistance per ASTM B117
- Meets C5-I medium durability as per ISO 12944-2

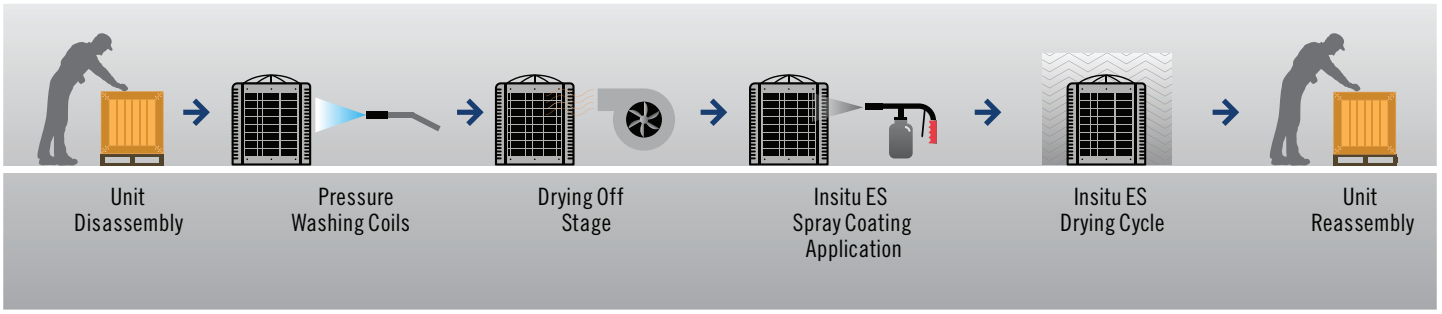
INSITU® SPRAY COAT ES² TECHNOLOGY

Insitu® Spray Coat is a water-based and water-reducible synthetic flexible polymer anti-corrosion coating specifically designed for the protection of HVAC&R coils and components. Insitu® Spray Coat contains ES² (embedded stainless steel pigment) technology, an anticorrosion coating specifically designed for the protection of coils mounted in corrosive areas. HVAC&R coils, components, and cabinet will have a permanent, water-based synthetic coating with ES² pigment applied to all coating surface areas without material bridging between fins. ES² pigments are therefore suitable for even the most corrosive environments and will maintain their appearance after many years of exposure.

The Best Total Corrosion Protection For Commercial HVAC Rooftop & Chillers

SPECIFY INSITU® SPRAY COAT

INSITU® SPRAY COAT PROCESS



SPECIFICATIONS

Insitu® Spray Coat contains ES² (embedded stainless steel pigment) technology, an anti-corrosion coating specifically designed for the protection of coils mounted in corrosive areas. Coils will have a permanent, water-based synthetic coating with ES² pigment applied to all coating surface areas without material bridging between fins. The coating process will ensure a uniform dry film thickness of 0.6-1.2 mils and meet 5B rating crosshatch adhesion per ASTM D3359. Corrosion durability will meet in excess of 10,000 hours salt spray resistance per ASTM B117.

RESISTANCE TO CORROSION

ES² pigments are made from a high-performance stainless alloy which is resistant to corrosive conditions. ES² pigments are therefore suitable for even the most corrosive environments, and will maintain their appearance after many years of exposure.

RESISTANCE TO UV DEGRADATION

ES² pigments form a multi-layer structure throughout the paint film. This creates a barrier layer which reflects sunlight away from the paint film, and prevents ultraviolet rays from penetrating. As a result, UV degradation of individual polymer molecules is eliminated, the film integrity is maintained, and the pigment particles are well anchored to the substrate. The resultant smooth, hard finish stops dirt from accumulating.

RESISTANCE TO MOISTURE

The multi-layer structure of the ES² pigments slows the passage of water molecules into the film and acts as an effective moisture barrier. This prevents the subsequent swelling and deterioration of the protective film.

TECHNICAL PERFORMANCE

PROPERTY	TEST METHOD	PERFORMANCE
Salt Spray	DIN 53167/ASTM B117	Exceeds 10,000 hours
Water Immersion	ASTM D870	500 hours minimum
Pencil Hardness	ASTM D3363	HB-F
Cross Hatch Adhesion	ASTM D3359	5B
Humidity	ASTM D2247	500 hours minimum
UV Resistance	ASTM D4587	500 hours minimum
Mandrel Bend (Flexibility)	ASTM D522M	Pass
Mold Resistance	ASTM G21	Pass
C5-I Continuous Condensation	ISO 6270	Pass
C5-I Salt Spray	ISO 7523	Pass
C5-I Chemical Resistance	ISO 2812-1	Pass

IDEAL APPLICATIONS FOR INSITU® SPRAY COAT

- Coils (water, condenser, evaporator, DX)
- Mini-Splits
- Packaged Rooftops
- Condensing Units
- Modular Air-Handlers
- Air-Cooled Chillers
- Interior & Exterior HVAC Cabinetry and Copper Piping

ADVANTAGES OF INSITU® SPRAY COAT

- Unparalled Customer Service
- Applied by Insitu® Spray Coat Certified Technicians
- Short Lead-Time of 5-7 Days Standard
- Crane Off-Load
- Local Pick Up and Delivery Available
- On-Site Application Available
- Modern, Fully-Licensed and Permitted Facilities

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MODINE Always Innovating. Always Improving. LICENSED APPLICATOR