

Insitu[®] coil and cabinet protection

Spray Applied Corrosion Resistant Coil, Component, and Cabinet Protection

Insitu[®] Clear Spray Applied Coating is available in two formulations, each is formulated to ensure the highest level of protection:

CLEAR: Normal corrosive environments

CLEAR HH: High humidity and highly corrosive environments



Offer the best protection available with Insitu[®] Spray Applied Coating – a unique and proprietary coating process that offers today's HVAC&R systems the highest level of corrosion resistant protection that can withstand harsh environments, providing long-term protection. Have confidence these products have the highest quality standards and pass the most arduous industry tests ensuring top performing products you can trust.

Insitu[®] Clear Spray Applied Coating has two formulations to service specific environmental conditions to provide the level of protection needed. **Insitu[®] Clear** is formulated to maintain the same clear depth and gloss characteristics in normal corrosive conditions. **Insitu[®] Clear HH** is formulated to maintain the same clear depth and gloss characteristics in high humidity corrosive conditions.

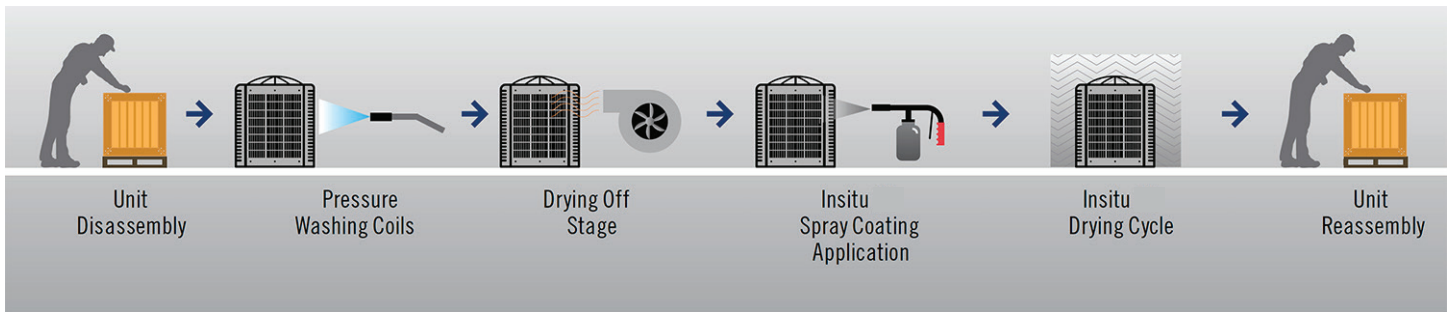
- Insitu[®] Clear Spray Applied coating is a water-based, low VOC, synthetic flexible polymer anti-corrosion product with superior UV protection.
- Insitu[®] Clear HH Spray Applied coating can be applied with no runs and sags on even damp, humid days allowing for continuous workflow without stoppages due to extended dry times.
- Insitu[®] Spray Applied coating process will ensure a dry film thickness of 0.6-1.2 mils and meet 5B rating crosshatch adhesion per ASTM D3359.
- Insitu[®] Spray Applied coating is durable and meets in excess of 15,000 hours salt spray resistance per ASTM B117.
- Insitu[®] Clear has a medium gloss finish that, when applied, is smooth, which limits dirt and debris buildup, thus allowing for easy equipment cleaning.

EQUIPMENT APPLICATIONS

- Modular Air-handlers
- Air-cooled Chillers
- Interior & exterior HVAC cabinets
- Mini-splits
- Packaged Rooftops
- Condensing Units

The Best Total Corrosion Protection Available
SPECIFY INSITU[®] CLEAR OR CLEAR HH SPRAY APPLIED COATING

INSITU® SPRAY APPLIED COATING PROCESS



ENVIRONMENTALLY FRIENDLY

Insitu® Spray Applied Coating proprietary formulation is compliant for usage in all 50 states, has low VOC, zero HAPS, no PFAS chemicals, non-ozone depleting chemicals and is non-flammable.

SPECIFICATIONS

Insitu® Spray Applied Coating is an anti-corrosion coating specifically designed for the protection of coils and cabinets in corrosive areas. Coils will have a permanent, water-based synthetic coating applied to all coating surface areas without runs, sags or bridging.

RESISTANCE TO CORROSION

Insitu® Spray Applied Coating has a very robust synthetic multi-polymer blend that is suitable for even the most corrosive environments and will maintain its appearance after many years exposure.

RESISTANCE TO UV DEGRADATION

Engineered UV inhibitors form a protective barrier layer which reflects sunlight away from the paint film preventing ultraviolet rays from penetrating. As a result, UV degradation of individual polymer molecules is eliminated, the film integrity is maintained, and the resin chemistry allows for superior adhesion to the substrate. The result is a smooth hard finish that prevents corrosion from penetrating.

RESISTANCE TO MOISTURE

Insitu® Spray Applied Coating 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.

GLOSS RETENTION

The spray applied coating offers a medium gloss finish is applied that is smooth, limits dirt and debris buildup, and allows for easy equipment cleaning.

PROPERTY	TEST METHOD	PERFORMANCE
Salt Spray	ASTM B117	Exceeds 15,000 hours
Mandrel Bend (Flexibility)	ASTM D522M	Pass 1/4"
Pencil Hardness	ASTM D3363	HB-F
Cross Hatch Adhesion	ASTM D3359	5B
Humidity	ASTM D2247	1,000 hours minimum
SWAAT	ASTM G85 A3	Exceeds 2,400 hours
UV Resistance	ASTM D4587	1,000 hours minimum
UV Resistance	ASTM G155 XENON	2,000 hours
C5-I Continuous Condensation	ISO 6270	Pass
C5-I Salt Spray	ISO 7523	Pass
C5-I Chemical Resistance	ISO 2812-1	Pass

FOR TECHNICAL & SALES SUPPORT:

CALL: 502.634.9458

EMAIL: Coatings@Modine.com

MODINE
Coatings

CERTIFIED APPLICATORS WORLDWIDE

ModineCoatings.com

Louisville
1423 West Ormsby Avenue
Louisville, KY 40210
Telephone: 502.634.9458

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