

Product Information Sheet

Aqua Aero DIY Coil Coat Aerosol

Is an European engineered solvent based anti-corrosion coating for the HVAC&R industry. Aqua Aero DIY Coil Coat is meeting the quality requirements for solvent-based coil coatings in the global market.

	Characteristics Aqua Aero (AA) DIY Coil Coat will protect the coil of a split AC, window unit, or portable air conditioner! These small-sized units are highly vulnerable to corrosion caused by harsh environments such as salty air, humidity, and industrial pollution. Corrosion damages heat exchangers in marine and industrial environments, leading to reduced cooling performance, higher energy bills, and costly replacements—sometimes within just two years. AA DIY Coil Coat for coils is the ultimate anti-corrosion solution for small-sized AC units.
	Components AA DIY Coil Coat is a solvent-based acrylic coating with high elongation properties. Aluminum pigmentation is added to establish heat transfer, chemical resistance and UV-blocking properties.
	Test Specifications
	ASTM B117 10.000 hrs
	ASTM G 85-5 3.000 hrs
	UV-resistance ISO 16474-2 2.000 hrs
	Drying Times
	Drying times substrate 20°C / 68°F
	Touch dry after 10 - 30 min
	Dry to handle after 30 - 60 min
	Coverage 0,75 m2 per liter / 3 ft2 of faced coil area
	VOC Volatile Organic Compound: 480 grams per liter

	Spray Viscosity	20 °C / 68 °F / RFU: 20-28 seconds Din cup 4 mm
	Potlife	N/A
	Dry Film	Thickness at 25°C: 20-35 µm / 0,8-1,4 mil
	Flash off	30 - 60 min
	Do It Yourself Application	Respect safety and application instructions on the label.
	Surface Treatment	
	Aluminum fin surface	Cleaning, Drying, AA DIY Coil Coat
	Copper headers	Cleaning, Drying, AA DIY Coil Coat
	Copper fins	Cleaning, Drying, AA DIY Coil Coat
	PreCoating	Cleaning, Drying, AA DIY Coil Coat
	MCHX	Cleaning, Drying, AA DIY Coil Coat
	Instructions for Use Start at the inlet side - top left of the coil. Hold aerosol 5-10 cm / 2-4 inch from the coil. Point aerosol in between the tubes. Apply uniform coating layer by moving horizontally. Average speed is 3 seconds per 1 meter / 3 feet. Repeat step 2-5 at the other side of the coil. Aerosol will last for 90-120 seconds effective spraying time. Allow 20 minutes for the coating to dry, forced air will help shorten the drying time. Hold aerosol 5-10 cm / 2-4 inch from the coil, and apply the finishing layer. Hold the aerosol upside down and push the nozzle until free coating, ready for storage.	
	Application Conditions	
	Temperature	5 - 35°C / 41 - 95°F
	Relative Humidity	< 85 %
	Application condition limits are sensitive: higher temperatures and forced air will speed up the drying times.	
	Tooling	Cleaning machine and coil cleaner
		Aqua Aero DIY Coil Coat Aerosol
	After Use	Hold the aerosol upside down and push the nozzle until free coating, ready for storage.
	Transport	Density 1.1 kg/ltr
		Flashpoint Check SDS for transport regulations.
	Physical Properties Store the product in a dry place at temperatures between 8–30°C / 46–86°F and relative humidity below 85%. Store only in the original closed boxes. The shelf life is 24 months when stored under the correct conditions.	

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