

Protecall

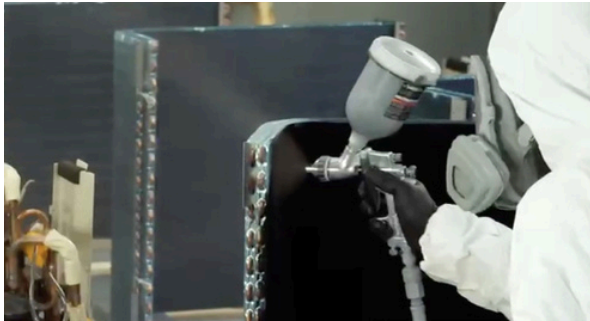
Aqua Aero Coil Coating Submittal Black, Gray or Clear



Protecall.com

888-345-8378

quotes@Protecall.com



Why Protecall

HVAC coating experts since 2005

5 Year Warranty protecall.com/coatingcare

AQMD compliant

No PFAS (per- and polyfluoroalkyl substances) 'forever chemicals'

Environmentally sustainable

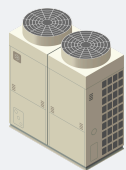
Superior products & fast quoting

Fast lead times & expedited options

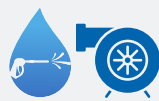
National coverage & field applications

Restoration and Optimization services protecall.com/solutions

Protecall Spray Coating Process



Unit
Disassembly



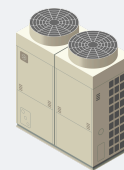
Deep Cleaning
& Drying



Spray Coating
Application



Protecall
Drying Cycle



Unit
Reassembly



Unit
Delivery



AQUA AERO COIL COATING

Black, Gray or Clear

PRODUCT SPECIFICATION SHEET

Product Characteristics

Aqua Aero (AA) Coil Coating provides a lifetime of corrosion protection to full aluminum micro channel coils and round tube plate fin coils. The coating can be applied by spraying, dipping or flowing. Without any smell or environmental restrictions, AA Coil Coating can be applied to coils inside an OEM Plant, before installation, or to installed HVAC&R units. The product is designed with leading OEM manufacturers to comply with their zero emission footprint and non hazardous off gas mission statements. Aqua Aero is applied by 60+ applicators over the world to industrial, residential and commercial heat exchanging equipment, approved to be applied in extreme corrosive conditions.

Product Components

AA Coil Coating is based on modified acrylic waterborne binders with high elongation properties. High quality additives are added to establish heat transfer, chemical resistance, and UV-blocking properties.

Product Application

The Coil Coating is ideally suited for application on Al/Cu, Cu/Cu and MCHX heat exchangers. Aqua Aero licenses and trains their global applicators to ensure compliance to the operational and quality manuals.

Test	Property	Test Reference	Performance
ASTM B117	Salt Spray	2021160026	25,000+ hours
ASTM D870	Water Immersion - Aluminum	VDP-IM-AA-202301	1,000+ hours
ASTM D870	Water Immersion - Copper	VDP-WIM-AA-202307	1,000+ hours
ASTM G-85-3	(SWAAT) Salt Water Acetic Acid Test	R23017	3,120+ hours
Bre-lab	Heat Transfer Impact	P103455-1000/3	<1%
COT lab	Hydrogen Sulfide (H2S) Test	LAB 16 0264	☑
ISO 6860	Flexibility - Mandrel Bend	VDP-CMT-AA-202302	Pass 1/4"
ISO 1520	Flexibility - Stretch cupping test	VDP-ECT-AA-202301	☑
ASTM 3359	Cross Hatch Adhesion - Aluminum	VDP-CHT-AA-202305	5B
ASTM 3359	Cross Hatch Adhesion - Copper	VDP-CHT-AA202306	5B
ISO 2813	Gloss Rate Retention	VDP-GLO-AA-202301	☑
ISO 16474	UV A,B,C Resistance	2020110054	1,000 hours
NSF	NSF Registered for use in food environments	A2017-304052-001	☑
UL 723	Flame spread and smoke index	T-15680A	☑
CFR 21 Section 175.300	FDA Approved	A2017-304052-001	☑
ISO 20340	Ozone Cycle Exchange	R230210	1,000 hours
ASTM D4060	Abrasion - Taber	2021340060	>500 cycles
ASTM D3363	Pencil Hardness	2019220029	HB
ASTM D2794	Direct Impact	2023170005	Pass - 100 lbs.
ISO 22196-7	Antimicrobial Properties	A2016-304052-002A	☑
ASTM D2247-99	Humidity	R230210	2,000 hours
Dry Film Thickness	IAW 29 CFR 1910.1200	AA SDS 2138	1 - 1.5 mil
Temperature Ranges		1745A001	-40°F - 482°F
VOC Content	Low VOC	AA SDS 2138	Low: <45 g/L