

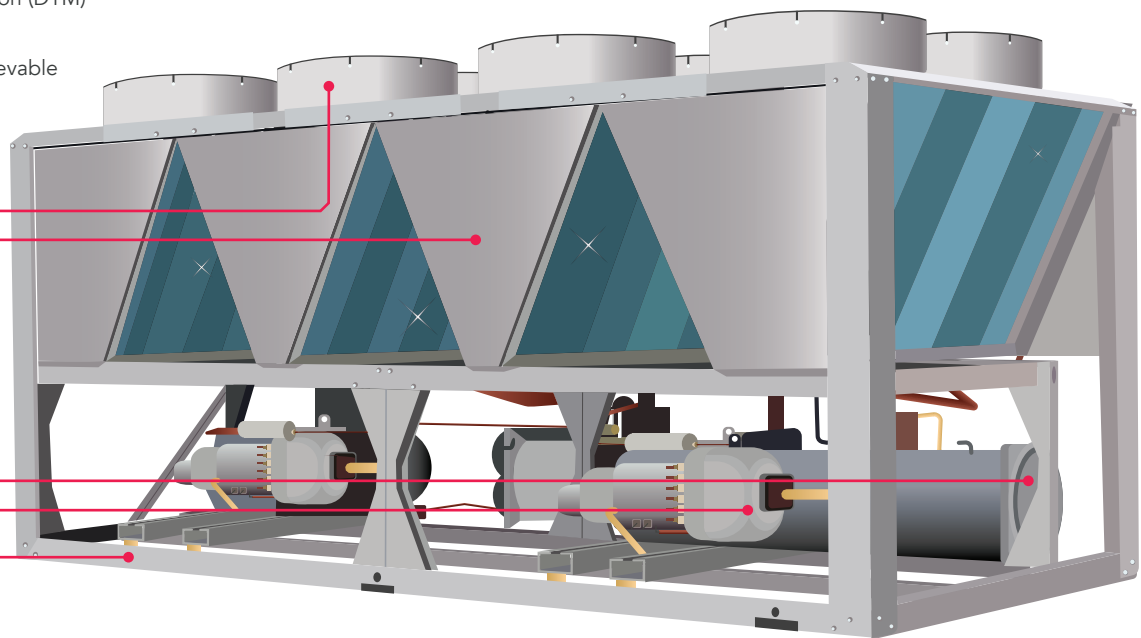
AQUA AERO PANEL & CASING COATING

Setting the new global standards in HVAC&R coatings



1 Multicoat Siloxane Panel and Casing Coating

- 10.000 hours ASTM B117 Saltspray Test Certificate
- NSF Approved (category RX-2)
- Scratch Resistant option
- Direct To Metal option (DTM)
- Clear Coat option
- C5-M category achievable
- Air dry
- UV Resistant



Since 2008, Aqua Aero (AA) manufactures high-quality coatings that comply with the actual quality and environmental requirements for the HVAC&R industry.

We design and support coating processes that can be implemented in an OEM plant, applied in any coating workshop or in the field. We have the interest to work together with A-level OEM's and service partners that have the interest to add value to their equipment both on quality as well as the environment.

AQUA AERO MULTICOAT (MC) SILOXANE:

- MC Siloxane is a high chemical and corrosion resistant HVAC&R component and casing coating.

It is developed for corrosion protection in extreme exposure conditions. Standard MC Siloxane is applied to pretreated (primer painted or powder coated substrates) HVAC&R components such as panel & casing, piping & headers and metal frames. Direct To Metal option also available based on the same Siloxane formula.

- MC Siloxane is especially developed for HVAC&R equipment that is subject to environments with high temperatures, acid rain, marine conditions, oil rigs, wastewater plants, desalination plants and chemical processing industries. MC Siloxane offers an optimal combination between product quality and application efficiency.



FASTER



COMPETITIVE



BETTER

“We have applied Aqua Aero coatings to thousands of coils and unit exteriors for all our customers, which have been exposed to off shore and refinery conditions. [...] I strongly recommend Aqua Aero as they have been an excellent partner in the corrosion industry.”

Barry Loder, CEO and President Shield Air Solutions Inc.

AA APPLICATION PROCEDURES

Multicoat Siloxane can be applied by spray, this can be applied by all common spray techniques.

DRYING TIMES:

- **Touch dry:** 30-45 minutes at room temperature 68 °F (20 °C).
- **Assembly ready:** 4-6 hours at room temperature 68 °F (20 °C).

LAYER THICKNESS:

- **Primer (if needed):** Dry layer thickness of 3.2 mil (80 µm).
- **MC Siloxane:** Dry layer thickness of 2.4 mil (60 µm).

APPLICATIONS IN THE HVAC&R INDUSTRY:

- Air Handling Units (AHU)
- Chillers (air cooled)
- Evaporators
- Refrigeration equipment
- Diffusers

APPLICATION EXPOSURE CONDITIONS:

- Marine & Off shore environment
- Industrial environment
- Power & Chemical plants
- Mining
- Paper mills

TECHNICAL SPECIFICATION COMPARISON

	AQUA AERO MC SILOXANE	MODINE INSITU	PPG PSX 700	BLYGOLD CASINGGUARD
ASTM B117	10.000 hours	5.000 hours	5.500 hours	> 7.500 hours
ASTM G85 Annex 5	3.000 hours	N/A	N/A	N/A
Kesternich SFW 2,0 S	40 cycles	N/A	N/A	80 cycles
Cycle Exchange ISO 20340	1.000 hours	N/A	N/A	N/A
Taber Abraser	1.000 cycles	N/A	1.000 cycles	N/A
Flexibility ISO 1519	Passed	N/A	N/A	N/A
C5 ISO 12944	Passed	Passed	Passed	Passed
VOC Content	> 80 g/L	118 g/L "less exempt"	84 g/L	N/A
UV Resistance ISO 11507	1.800 hours	N/A	N/A	N/A
NSF Registered	Number 154731	N/A	N/A	N/A

All accelerated test reports are available, including other required technical information.