

CORROCOTE II PW-AM™

ANTI-MICROBIAL COATING FOR POTABLE WATER

CorroCote II PW-AM™ is an innovative new Madison coating that incorporates an EPA approved anti-microbial agent into our polyurethane resin for potable water. CorroCote II PW-AM contains a permanent non-leaching microbiocide that is effective against various coliforms and viruses upon contact. This truly unique and NSF approved coating product has been engineered to be the ultimate coating for potable water safety.

FEATURES

- NSF Approved
- Zero VOC coating system
- One Coat
- Self Priming
- Over 25 Years Proven Performance
- Manufactured at ISO 9001:2000 Facility
- Over 2000 psi Adhesion to Steel
- Low Temperature Cure
- Fast Cure to Service
- Microbial Resistance
- Bacterial Inertness
- Excellent Chemical Resistance

PRODUCT DESCRIPTION

CorroCote II PW-AM™ is an advanced polyurethane formula that has been engineered to safeguard potable water structures from internal corrosion and abrasion. This two component, quick setting, 100% solids polyurethane cures to form a tough, durable, non-toxic layer of incomparable protection.

CorroCote II PW-AM™ provides excellent adhesion and abrasion resistance for steel and concrete structures and fittings for the water industry. This fast setting technology, with its ability to cure in temperature ranges from -40° F to 150° F combines ease of application with superior performance.

COMMON APPLICATIONS

- Elevated Water Tanks
- Standpipe
- Concrete Tanks
- Municipal Water Structures
- Valve Linings
- Filter Tank Linings

MADISON CHEMICAL INDUSTRIES INC.
The World Leader for Infrastructural Coatings™



PERFORMANCE PROPERTIES

ADHESION

- ASTM D-4541

Greater than 2000 psi to steel & ductile iron
Exceeds cohesive strength of concrete

FLEXIBILITY

- ASTM D-522

180° over 1" mandrel @ 20 mils

ABRASION RESISTANCE

- ASTM D-4060
(1 kg @ 1000 cycles)

78mg loss (*CM version 20mg loss*)

HARDNESS

- ASTM D-2240 (Shore D)

70 +/-5

TEMPERATURE RESISTANCE

- ASTM D-870
- ASTM D-2485

-40° F to 140° F Wet
-40° F to 195° F Dry

COLORS

Off-white, gray

SOLIDS CONTENT

- ASTM D-1259

98 +/-2%

ULTRAVIOLET RESISTANCE

- ASTM G-53

Will chalk and darken

CHEMICAL RESISTANCE

- ASTM D543-87
20% H₂SO₄ @ 70° F
Sat. NaOH @ 70° F

Pass
Pass

APPROVALS

- NSF International
- US Food & Drug Administration

ANSI/NSF Standard 61 for potable water
21 CFR177.1680 for dry food contact

PRODUCT CHARACTERISTICS

SYSTEM REQUIREMENTS

STEEL

20 mils

DUCTILE IRON

40 mils

SMOOTH CONCRETE

40 mils

REHABILITATION

Rough Surface

>60mils

SURFACE PREPARATION

Steel

Near White Blast (SSPC-SP10; NACE 2; SA 2.5)
Minimum 2.5 mil profile for immersion service
Abrasive blast for surface profile of at least 2.5 mils
Abrasive blast to remove laitance

Ductile Iron
Concrete

RENDERING MATERIAL

Optional for concrete*

Corropipe MG-120

* For concrete, the use of a rendering material may be required to provide a pinhole free application.

For more Comprehensive Technical Data, please contact your Madison representative.
They will be pleased to provide you with expanded product information.



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