

PRODUCT PROFILE:

Novocoat Protective Coatings consistently produces products of exceptional chemistry delivering the best in corrosion protection, while being safe for our environment and totally user friendly. Novocoat SP2000W is NSF/ANSI 61 certified for drinking water. It is certified for commercial hot and cold water tanks. Wherever potable water is stored or piped, SP2000W is the coating to use. Because SP2000W is 100% solids, it contains no volatile organic compounds or solvents, and may be safely applied in confined areas with good ventilation. Novocoat's SP2000W has been a leader in hybrid novolac coating technology and since 1990 is a standard for lining ductile pipe used in sewage gathering systems. Throughout wastewater transportation and treatment plants, Novocoat Protective Coatings can be found protecting steel, ductile and concrete substrates.

PRODUCT FEATURES AND BENEFITS:

- 100% Solids, No VOCs
- NSF/ANSI 61 Certified for drinking water
- Excellent immersion resistance

CHEMICAL RESISTANCE:

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|--------------------------|-------------------------------|-------------------------------|
| • Acetic Acid 10% | • Hydrochloric Acid up to 20% | • Sodium Hydroxide 50% |
| • Ammonium Hydroxide 25% | • Mineral Spirits | • Sulfuric Acid 75% |
| • Brine Water | • Potassium Hydroxide 50% | • Sewage |
| • Copper Sulfate | • Crude Oil | • Alkalis |
| • Diesel Fuel | • Caster Oil | • Fresh and non-potable Water |
| • Fatty Acids | • Ethylene Glycol | • Wine |
| • Gasoline | • Sodium Chloride | • Ethanol |

PHYSICAL PROPERTIES

Color	Dark Brown, Dark Gray, Light Gray, Blue
Container Size	1, 2 and 5 gallons
Coverage per gallon (Theoretical)	160 sq. ft. @10 mils thickness
Flash Point	> 250°F (121°C)
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 2850 psi
Recommended Thickness	2 coats @ 8–20 mils each
Specific Gravity	Resin: 1.48 Hardener: 0.97
Volatile Organic Compounds (VOC)	0 grams/liter
Weight per gallon	10.86 lbs

POT LIFE

40°F (4°C)	8 hours 30 minutes
75°F (24°C)	1 hour 5 minutes
92°F (33°C)	55 minutes

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exotherm—heat created during the curing process—will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".

SERVICE TEMPERATURE

Dry Service	-30°F to 250°F (121°C)
Spill/Splash	200°F (93°C)
Immersion Service*	170°F (76.7°C)

* Water Immersion — 190°F (90°C) — Atlas test cell for 60 days, unaffected

PUMP SPECIFICATIONS

Pump Ratio	56:1 or greater
Minimum Output	5600 psi
Product Hose: Min. - Optimum I.D.	0.375 - 0.5 inch
Max. Length	60 feet

MULTIPLE COATS:

Second and subsequent coats must be applied before the previous coat has completely cross-linked. If additional coats are needed after re-coat window, brush blast before applying the next coat. Small areas may be abraded by sanding or wire brushing.

The same requirements applies when overlapping the seams of adjacent coating sections to create a continuous protective film. If the coating surface to be overlapped at the seam cannot be brush blasted, use a non-impact means as power brushing or sanding to create a mechanical profile.

CURE TIME (AT 70°F OR 21°C)

Re-coat Window	24 hours
Light Loading	2 days
Immersion (Aqueous) Service	3 days
Full or Chemical Service	7 days

ORDERING INFORMATION

For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.

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