

### PRODUCT PROFILE:

Novocoat Protective Coatings produces exceptionally chemically engineered coatings designed to withstand the harshest corrosive environments. All coatings are safe to the environment and completely user friendly. SP2000R is an economically priced, safe, and high performance alternative to conventional coal tar epoxies.

SP2000R is comprised of 100% solids and contains no VOC's. Excellent adhesion properties allow SP2000R to bond on steel, concrete and iron even when coating conditions are less than ideal. The R in SP2000R represents the incorporation of re-cycled tire rubber. Using the re-cycled tire rubber has a dual purpose. First, the rubber enhances the product with excellent impact resistance. Second, it serves the environment by providing a useful application for what otherwise fill landfills. SP2000R can be used on a variety of substrates and applications. Typical applications include wastewater (tanks, lift stations, wet wells, and manholes), cooling towers, and more. SP2000R can also be used as an interior or exterior pipe lining or coating. Primers recommended on concrete.

### PRODUCT FEATURES AND BENEFITS:

- 100% Solids, No VOCs
- Excellent immersion resistance
- Can be sprayed, rolled, or brush applied
- Also available in Paste Grade\*

### CHEMICAL RESISTANCE:

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

### PHYSICAL PROPERTIES

Color	Dark Gray, Light Gray, Light Blue, Rust Red *Paste Grade available in Gray only
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 2750 psi
Recommended Thickness	2 coats @ 8-12 mils each
Specific Gravity	Resin: 1.45 Hardener: 0.97
Volatile Organic Compounds (VOC)	0 grams/liter

### POT LIFE

40°F (4°C)	9 hours
75°F (24°C)	1 hour 5 minutes
92°F (33°C)	1 hour

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	190°F (87.7°C)
Immersion Service*	150°F (65.5°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 requirement 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	24 hours
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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