



Novocoat[®]
A Division of ErgonArmor

PRODUCT INFORMATION

Revised on April 2012

SP2500 SERIES

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. Because SP2500 is 100% solids, it contains no volatile organic compounds or solvents, and may be safely applied in confined areas with good ventilation. Novocoat Protective Coatings can be found protecting steel, ductile and concrete substrates to a wide range of chemicals and solvents.

PRODUCT FEATURES and BENEFITS:

- 100% Solids, No VOCs
- Excellent immersion resistance

CHEMICAL RESISTANCE

- | | | |
|--------------------------|-------------------------------|-------------------------------|
| • 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	White, Gray
Container Size	5 gallon pails and drums
Coverage per gallon (Theoretical)	160 sq. ft. @ 10 mils thickness
Flash Point	greater than 250°F (121°C)
Pull-Off Adhesion Test ASTM D 4541	greater than 2500 psi
Recommended Thickness	1 or 2 coats @ 16–35 mils each, max vertical 24 mils
Specific Gravity	Resin: 1.48; Hardener: 0.94
Volatile Organic Compounds (VOC)	0 grams/liter
Weight per gallon	10.95 lbs + – .20
Pot Life @ 40°F (4°C)	8 hours 30 minutes

75°F (24°C)	25 minutes
92°F (33°C)	12 minutes
Cure Time @ 70°F or 21°C: Re-coat Window	4 hours minimum, 24 hours maximum
Light Loading	2 days
Immersion (Aqueous) Service	3 days
Full or Chemical Service	7 days

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic 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 heated plural component
Minimum Output	5600 psi
Product Hose: Min. – Optimum I.D.	0.375 – 0.5 inch
Max. Length	100 feet
Tip Size	0.023-0.029

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	6 hours minimum, 24 hours maximum
Light Loading	2 days

Immersion (Aqueous) Service 3 days
Full or Chemical Service 7 days

SAFETY

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.

Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

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.

