



Novocoat[®]
A Division of ErgonArmor

PRODUCT INFORMATION

Revised on April 2012

SP 2300

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 SP2300 is 100% solids, it contains no volatile organic compounds or solvents, and may be safely applied in confined areas with good ventilation. Novocoat 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
- Excellent sealer for stripe coating weld seams
- Excellent immersion resistance

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

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|------------------------------------|--|
| Color | Gray (SP2310), Blue (SP2350), White (SP2360) |
| Container Size | 1, 2 and 5 gallons |
| 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 | Minimum adhesion is 2850 psi |
| Recommended Thickness | 2 or 3 coats @ 4-10 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 |
| Cure Time @ 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 |

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

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|--------------------|------------------------|
| 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

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|-----------------------------------|------------------|
| 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.

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.



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