

Revised on April 2012

NOVOTOWER 2000R (SP2010)

PRODUCT PROFILE:

Whether you are coating a new, or an existing tower, NOVOCOAT offers products to meet both your needs. We understand the importance of maintaining and protecting your investment. NOVOTOWER offers superb chemical resistance to many corrosive agents, stops existing leaks and prevents future leaks. NOVOTOWER is a high cross linked density, ceramic filled novolac designed to provide long term chemical resistance and immersion service. NOVOTOWER also adheres to damp substrates.

PRODUCT FEATURES and BENEFITS:

- 100% Solids, No VOCs
- Excellent immersion resistance
- Can be sprayed, rolled, or brush applied
- Also available in Paste Grade (SP2910)

CHEMICAL RESISTANCE

- | | | |
|--------------------------------|-------------------------------|-------------------------------|
| • Acetic Acid up to 10% | • Hydrochloric Acid up to 20% | • Sodium Hydroxide 50% |
| • Ammonium Hydroxide up to 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	Light Gray
Container Size	One and four gallon kits
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 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-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

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.

