

*Revised on April 2012*

## **NOVOFLOOR 1500 SERIES**

### **PRODUCT PROFILE:**

A fast set hybrid epoxy floor coating with good UV stability. Novofloor1500 is 100% solids with very good impact resistance, great wear resistance, has excellent compressive strength, tensile and elongation. Novofloor1500 is excellent for kitchens, food processors, showrooms, supermarkets, and more.

### **PRODUCT FEATURES and BENEFITS:**

- 100% Solids, No VOCs
- Excellent UV stability
- Excellent impact resistance and corrosion protection

### **CHEMICAL RESISTANCE**

- |                          |                               |                               |
|--------------------------|-------------------------------|-------------------------------|
| • Acetic Acid up to 10%  | • Hydrochloric Acid up to 30% | • Sulfuric Acid 75%           |
| • Ammonium Hydroxide 25% | • Castor Oil                  | • Sewage                      |
| • Brine Water            | • Ethylene Glycol             | • Alkalis                     |
| • Copper Sulfate         | • Crude Oil                   | • Sodium Chloride             |
| • Diesel Fuel            | • Mineral Spirits             | • Fresh and non-potable water |
| • Fatty Acids            | • Potassium Hydroxide 50%     |                               |
| • Gasoline               | • Sodium Hydroxide 50%        |                               |

### **PHYSICAL PROPERTIES**

Color	Gray (SC 1510), White (SC 1560)
Container Size	1, 5, or 55 gallons
Coverage per gallon (Theoretical)	160 sq. ft. @ 10 mils thickness
Mix Ratio by Volume	4:1 (Resin: Hardener)
Flash Point	greater than 200°F Resin greater than 213°F Hardener
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 2850 psi
Recommended Thickness	2 coats @ 8–20 mils each
Specific Gravity	Resin: 1.68; Hardener: 0.959
Volatile Organic Compounds (VOC)	0 grams/liter
Weight per gallon	12 lbs

Hardness (1/8 neat 12hr) Shore D	80
Pot Life @ 40°F (4°C)	1-1½ hours
75°F (24°C)	40-45 minutes
92°F (33°C)	20-27 minutes
Cure Time @ 70°F (21°C): Re-coat Window	4 hours
Light Loading	5 hours
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	220°F (104°C)
Spill/Splash	180°F (82.2°C)
Immersion Service*	170°F (76.7°C)

\*Immersion with solvents, mineral acids, or alkalines, or if over 150°F contact factory

**PUMP SPECIFICATIONS**

Pump Ratio	30:1 or greater
Minimum Output	3000 psi
Product Hose: Min. – Optimum I.D.	0.25 – 0.5 inch
Max. Length	100 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.

**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](http://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.

