

### PRODUCT PROFILE

Novocoat Protective Coatings consistently produces products of exceptional chemistry, delivering the best in corrosion protection, while being safe to our environment and totally user friendly.

A fast set hybrid epoxy floor coating with good UV stability. Eco Floor1500 is 100% solids with very good impact resistance, compressive strength, tensile and elongation. Eco Floor1500 is excellent for kitchens, food processors, showrooms, supermarkets, and more. Clear option is an excellent topcoat for stained concrete.

### PRODUCT FEATURES AND BENEFITS

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

### CHEMICAL RESISTANCE

- |                          |                               |                               |
|--------------------------|-------------------------------|-------------------------------|
| • Acetic Acid 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, White, Clear	
Container Size	1, 2, 5, or 55 gallons	
Coverage per gallon (Theoretical)	160 sq.ft. @ 10 mils thickness	
Mix Ratio by Volume	4:1 (Resin:Hardener)	
Flash Point	Resin: >200°F	Hardener: >213°F
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 2850psi	
Recommended Thickness	2 coats @ 8-12 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 12 hour) Shore D	80	

### POT LIFE

40°F (4°C)	1-1 1/2 hours
75°F (24°C)	40-45 minutes
92°F (33°C)	20-27 minutes

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	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 in.
Maximum Length	100ft.

**MULTIPLE COATS**

Second and subsequent coats must be applied before the previous coat has completely cross-linked. Apply additional coats when the previous coat will string out (pigtail) and hold its shape when touched. If any slight track remains, allow the product to cure, then brush blast before applying the next coat.

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 such as power brushing or sanding to create a mechanical profile.

**CURE TIME (AT 70°F OR 20°C)**

Re-coat Window	4 hours
Light Loading	5 hours
Immersion (Aqueous) Service	3 days
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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