

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.

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. 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:

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| <ul style="list-style-type: none"> • Acetic Acid 10% • Ammonium Hydroxide 25% • Brine Water • Copper Sulfate • Diesel Fuel • Fatty Acids • Gasoline | <ul style="list-style-type: none"> • Hydrochloric Acid up to 30% • Castor Oil • Ethylene Glycol • Crude Oil • Mineral Spirits • Potassium Hydroxide 50% • Sodium Hydroxide 50% | <ul style="list-style-type: none"> • Sulfuric Acid 75% • Sewage • Alkalis • Sodium Chloride • Fresh and non-potable water |
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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	>200°F Resin >213°F Hardener	
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 2850 psi	
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 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

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 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.

CURE TIME (AT 70°F OR 21°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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