

Revised on April 2012

SP1510 (SP2000M)

PRODUCT PROFILE:

SP1510 has been engineered for areas where severe abrasion resistance with less than 24 mg loss on ASTM-D-4060 test. SP2000M provides outstanding long term wear characteristics.

PRODUCT FEATURES and BENEFITS:

- 100% Solids, No VOCs
- Long term wear protection
- Excellent abrasion resistance

CHEMICAL RESISTANCE

- | | | |
|--------------------------|-------------------------------|-------------------------------|
| • Acetic Acid up to 10% | • Gasoline | • Sodium Hydroxide 50% |
| • Ammonium Hydroxide 25% | • Hydrochloric Acid up to 30% | • Sulfuric Acid 50% |
| • Brine Water | • Isopropyl Alcohol | • Sewage |
| • Copper Sulfate | • Mineral Spirits | • Alkalis |
| • Diesel Fuel | • Potassium Hydroxide 50% | • Fresh and non-potable water |

PHYSICAL PROPERTIES

Color	Dark Gray
Container Size	1 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 2550 psi
Tabor Abrasion ASTM D 4060	greater than 24 mg (CS 17 Wheel Cycles: 1KG load)
Recommended Thickness	2 coats @ 8-12 mils each
Specific Gravity	Resin: 1.48; Hardener: 1.02
Volatile Organic Compounds (VOC)	0 grams/liter
Weight per gallon	14.50 lbs
Pot Life @ 40°F (4°C)	8 hours 30 minutes
75°F (24°C)	2 hours 30 minutes
92°F (33°C)	55 minutes

Cure Time @ 70°F or 21°C: Re-coat	24 hours
Window	2 days
Light Loading	3 days
Immersion (Aqueous) Service	7 days
Full or Chemical Service	

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	56:1 or greater
Minimum Output	5600 psi
Product Hose: Min. – Optimum I.D.	0.375 – 0.5 inch
Max. Length	50 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.

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.

