



INDUSTRIAL COATINGS

John L. Armitage & Co.

ARMORHIDE

ARMORHIDE SP-3000 LT GRAY HI GLOSS SPRAY PRIMER

PRODUCT DESCRIPTION

ARMORCHEM SP-3000 LIGHT GRAY PRIMER is an air dry, high solids, fast drying, alkyd primer designed to protect structural steel in preconstruction outdoor exposure. The high solids content ensures adequate protection of sharp edges, corners and welds, while maintaining low VOC. This product is designed to be applied directly to prepared steel surfaces, and meets SSPC-Paint Specification No. 15.

APPLICATION PROCEDURES

Surface must be clean, dry, and in sound condition. Remove all dirt, loose rust, and other foreign material in accordance with SSPC-SP2 to ensure adequate adhesion.

Application Method:	Dip or Spray
Equipment Settings for Spray: Airless Spray	Approx. 50lbs Pressure 15-19 Fluid tip
Recommended Film Thickness:	1 mil min
Top Coat:	Alkyd, 1 part Urethane, 1 part Epoxy Not for use under 2 component topcoats
Coverage:	720 sq foot @ 1 mil 100% efficiency
Welds:	May be weld thru with standard Welding procedures

PERFORMANCE CHARACTERISTICS

The system tested (unless otherwise indicated) is steel prepared in accordance with SSPC-SP2, sprayed with one coat of ARMORCHEM SP 1000 RED PRIMER and allowed to air dry for 7 days.

Salt Fog Resistance:	150 hours ASTM B117
Pencil Hardness:	B ASTM D3363
Direct Impact Resistance:	20 in. lb. ASTM G14
Cyclic Salt Fog U/V Exposure:	336 hours ASTM D5894
Water Sensitivity:	No Blistering ASTM D1308
Humidity Resistance:	96 hours ASTM D4585

PRODUCT CHARACTERISTICS

Weight per Gallon:	8.10 +/- .10
Viscosity:	45-50 Sec #2 EZ Zahn
Grind:	6 + Hegman
Weight Solids:	58.0 +/- 1.0 %
Volume Solids:	45.0 +/- 0.5 %
VOC:	3.48 lbs/ga
Gloss:	50-60 (60 Deg)
Reducer & Clean up:	VM&P Naphta
Dry Time:	Tack Free 5-10 min Thru Dry 1 hr

REMARKS

Refer to MSDS sheet before use. Contact your ARMORHIDE representative for additional technical data and instructions. It is not recommended to paint on surfaces below 50°F. Adhesion problems may be experienced.