

# ARMORHIDE AS

Product Number: AS-24723A

## ARMORHIDE AS SP-1000 GRAY SPRAY PRIMER

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### PRODUCT DESCRIPTION

ARMORHIDE AS SP-1000 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. It is also a modified alkyd, lead and chrome free shop primer. This product is designed to be applied directly to prepared steel surfaces, and meets SSPC-Paint Specification No. 15. Product meets the performance requirements of TT-P 664D-SSPC-Paint No. 25 as specified for use in SSPC Environmental Zone 1A and 1B. This product also meets the performance requirements of CISC/CPMA Standards 1-73a and 2-75. Product is manufactured in the United States of America.

### PRODUCT CHARACTERISTICS

Weight per Gallon:	11.1 +/- 0.15
Viscosity:	38 - 41 Sec #2 Signature Zahn Cup
Grind:	5 + Hegman
Weight Solids:	72.5+/-1.0%
Volume Solids:	50.3+/-0.5%
VOC as supplied:	3.12 lbs/gal
Gloss:	1-10 (60 Deg)
Reducer and Clean up:	VM&P Naphtha
Dry Time:	Tack Free 20 min Thru Dry 10 hrs

### PERFORMANCE CHARACTERISTICS

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

Salt Fog Resistance:	150 hours ASTM B117
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Pencil Hardness:	B ASTM D3363
Direct Impact Resistance:	20 in. lb. ASTM G14
Cyclic Salt Fog U/V Exposure:	500 hours ASTM D5894
Water Sensitivity:	No Blistering ASTM D1308
Humidity Resistance:	96 hours ASTM D4585

### 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:	Spray
Equipment Settings for Spray: Airless Spray	Approx. 50-70 lbs Pressure 15-19 Fluid tip & air cap
Recommended Film Thickness:	2.0 mil min
Top Coat:	Alkyd, 1 part Urethane, 1 part Epoxy <b>Not for use under 2 component topcoats</b>
Coverage:	902 sq foot @ 1 mil 100% efficiency
Welds:	May be weld thru with standard Welding procedures

### REMARKS

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Refer to SDS sheet before use. Contact your **ARMORHIDE** representative for additional technical data and instructions. This product should be stored indoors at temperatures between 35 – 100 degrees F. It is also not recommended to paint on surfaces below 50°F. Adhesion problems may be experienced. This product can be welded through to yield sound welds. This primer can be recoated after 1 hour.

This product can be purchased from:

**John L Armitage & Co.**  
545 National Drive  
Gallatin, TN 37066  
**1-800-223-1876**