



**INDUSTRIAL COATINGS**

*John L. Armitage & Co.*

# ARMORHIDE AS

ARMORHIDE AS SP-1000 GRAY SPRAY PRIMER

PRODUCT NUMBER: AS-24723A

## 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.

## 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: 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  
Not for use under 2 component topcoats

Coverage: 902 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 ARMORHIDE AS SP 1000 GRAY 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: 500 hours  
ASTM D5894

Water Sensitivity: No Blistering  
ASTM D1308

Humidity Resistance: 96 hours  
ASTM D4585

## 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 & Clean up: VM&P Naphtha

Dry Time: Tack Free 20 min  
Thru Dry 10 hrs

## REMARKS

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.