

# ArmorChem

SPRAY TECHNOLOGY FOR THE FUTURE

## PRODUCT DATA SHEET

**PRODUCT:** ArmorChem  
Black SP 1000

**PRODUCT NUMBER:** AS-24983A

**OBJECT FINISHED:** Structural and Joist Steel

---

**WEIGHT/GALLON:** 10.83

**RECOMMENDED REDUCTION:** None

**VISCOSITY :** 33-37" Zahn #2  
Signature Cup, 78 Deg.F.

**REDUCER :** VMP

**GRIND :** 5+/-Hegman

**REDUCED VISCOSITY :** Use as Supplied

**WEIGHT SOLIDS:** 70.+/- 1.0%

**RECOMMENDED FILM THICKNESS**

**VOC:** 3.18 lbs./gal

**WET:** 1.8 - 10 mils

**VOLUME SOLIDS:** 50+/-0.5%

**DRY:** 1.0 - 6.5 mils

**COVERAGE:** 813 sq.ft./gal  
@ 1.0 dry mils, 100% efficiency

**SUBSTRATE PREP.:** SSPC #2  
Hand tool cleaning to remove all  
loose mill scale, rust, and other  
detrimental matter.

**BAKE TIME :** Tack free – 5-10 min  
: Thorough dry - 1 hrs

**APPLICATION METHOD:** Dip or Spray

**BAKE TEMPERATURE:** Air Dry

**EQUIPMENT SETTINGS:** For Air Spray:  
Binks Model 10 Spray Gun with  
#66 fluid nozzle and air cap. Use  
50-70 pounds of air pressure.

**WELD THROUGH:** This primer can be  
welded through to yield sound welds.

**APPLIED OVER:** Clean Steel

**GLOSS:** 1- 10 (60 Deg)

**HARDNESS:** B pencil

**IMPACT RESISTANCE:** 20 In-lbs.

---

### REMARKS:

This product was formulated as a lead and chrome free shop primer to meet requirements of the Steel Structures Paint Council, Paint Specification #15, Steel Joist Shop Paint, Type. Panels painted with one coat of this primer with stood 144 hrs. exposure to 5% salt spray tested with accordance with ASTM B 117-73. Read Material Safety Data Sheet before using.