



CHEMCOAT, INC.

"Consistent Coatings . . . Superior Service"

P.O. BOX 188
MONTOURSVILLE, PA 17754-0188

PH: (570) 368-8631 • FAX: (570) 368-8635

AC 4500 GRAY PRIMER

PRODUCT DESCRIPTION

AC 4500 GRAY PRIMER is an air dry, high solids, fast drying, lead and chrome free long-oil alkyd designed to protect steel in preconstruction exposure. The high solids content ensures adequate protection of sharp edges, corners and welds, while maintaining low VOC. This product is designed for application directly to prepared steel surfaces, and meets SSPC-Paint Specification No. 15, as well as the performance specifications of CISC/ CPMA standard 1-73a and 2-75.

PRODUCT CHARACTERISTICS

Weight per Gallon:	11.90 lbs
Viscosity:	16-18 Sec #2 Sig Zahn
Grind:	5 + Hegman
Weight Solids:	73+/-2%
Volume Solids:	50+/-1%
VOC:	3.1-3.25 lbs/gal
Gloss:	1-10 (60 Deg)
Reducer and Clean up:	Mineral Spirits
Dry Time:	Dust Free 30 min Tack Free 3 hrs Thru Dry 48 hrs
Weld Through	This primer can be welded through to yield sound welds



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PERFORMANCE CHARACTERISTICS

The system tested (unless otherwise indicated) is steel prepared in accordance with SSPC-SP2, dipped with one coat of AC 4500 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:	336 hours ASTM D5894
Water Sensitivity:	No Blistering ASTM D1308

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:	Binks Model 10 #66 fluid nozzle 50-70 pressure
Minimum Recommended Film Thickness:	1.0-1.2 mil dry
Top Coat:	Alkyd, 1 part Urethane, 1 part Epoxy, W/B Acrylic

REMARKS

Refer to MSDS sheet before use. Contact your Chemcoat representative for additional technical data and instructions.

This product can be purchased from:

Chemcoat, Inc.
2790 Canfields Lane
Montoursville PA 17754
1-800-326-9471