



ARMORHIDE AD

ARMORHIDE AD 4500 GRAY PRIMER

PRODUCT NUMBER: AD-24954F

Object Finished:	Structural Steel and Joist Steel	Recommended Reduction:	None
Weight/Gallons:	12.32	Reducer:	Mineral Spirits
Viscosity:	24 - 26" Zahn #2 Signature Cup, 78 Deg.F.	Reduced Viscosity:	16 - 17" Zahn #2 Signature Cup, 78 Deg.F.
Grind:	5+/-Hegman	Recommended Film Thickness	
Weight Solids:	75.6 +/-1%	• Wet:	1.8 - 2.2 mils
VOC as Supplied:	3.00 - 3.20 lbs./gal.	• Dry:	1.0 - 1.2 mils
Total Haps:	<0.07 %wt	Flash Time:	Dust free - 45'
Volume Solids:	54.7+/-0.5%	Bake Time:	Tack free - 2hrs Thorough dry - 24 hrs
Coverage:	877 sq.ft./gal @ 0.9 dry mils, 100% efficiency	Bake Temperature:	Air Dry
Substrate Prep.:	Hand tool cleaning to remove all loose mill scale, rust, and other detrimental matter.	Weld Through:	This primer can be welded through to yield sound welds.
Application Method:	Dip or Spray	Gloss:	1- 10 Degrees (60 Deg)
Equipment Settings:	For Air Spray: Binks Model 10 Spray Gun with #66 fluid nozzle and air cap. Use 50-70 pounds of air pressure.	Hardness:	B pencil
Applied Over:	Clean Steel	Impact Resistance:	20 In-lbs.
Used Under:	Alkyd, 1 part Urethane, 1 part epoxy topcoats		

REMARKS

This product was formulated as a lead and chrome free gray shop primer to meet requirements of the Steel Structures Paint Council, Paint Specification #15, Steel Joist Shop Paint, Type I. This product also meets the performance requirements of CISC/CPMA Standards 1-73a and 2-75. Panels painted with one coat of this primer with stood 150 hrs. Exposure to 5% salt spray tested with accordance with ASTM B 117-73. Read Material Safety Data Sheet before using.