

ARMORHIDE AD

PRODUCT DATA SHEET

PRODUCT: ARMORHIDE AD
4500 GRAY PRIMER

PRODUCT NUMBER: AD-24954F

OBJECT FINISHED: Structural and Joist Steel

WEIGHT/GALLONS: 12.32

RECOMMENDED REDUCTION: None

VISCOSITY: 24 - 26" Zahn #2
Signature Cup, 78 Deg.F.

REDUCER: Mineral Spirits

GRIND: 5+/-Hegman

REDUCED VISCOSITY: 16 – 17" Zahn #2
Signature Cup, 78 Deg.F.

WEIGHT SOLIDS: 75.6 +/- 1.0%

RECOMMENDED FILM THICKNESS

VOC AS SUPPLIED: 3.00 – 3.20 lbs./gal.

WET: 1.8 - 2.2 mils

TOTAL HAPS: <0.07 %wt

DRY: 1.0 - 1.2 mils

VOLUME SOLIDS: 54.7+/-0.5%

FLASH TIME: Dust free - 45'

COVERAGE: 877 sq.ft./gal
@ 0.9 dry mils, 100% efficiency

BAKE TIME: Tack free - 2hrs
Thorough dry - 24 hrs

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

BAKE TEMPERATURE: Air Dry

APPLICATION METHOD: Dip or Spray

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

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

GLOSS: 1- 10 Degrees (60 Deg)

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.