



AZERON H.S. PRIMER **SERIES 88HS**

PRODUCT PROFILE

GENERIC DESCRIPTION Modified Short Oil Alkyd
COMMON USAGE Fast-dry, lead- and chromate-free, rust-inhibitive shop primer for structural and miscellaneous steel that is to be enclosed, protected or topcoated.
COLORS 555 Red, 559 Gray

COATING SYSTEM

TOPCOATS Series 2H, 23, 115

SURFACE PREPARATION

STEEL SSPC-SP2 Hand Tool or SSPC-SP3 Power Tool Cleaning when exterior exposure of the primed steel is less than 6 months. SSPC-SP6 Commercial Blast Cleaning when exterior exposure of the primed steel is expected to be 6 months or longer.
ALL SURFACES Must be clean, dry and free of oil, grease and other contaminants.

TECHNICAL DATA

VOLUME SOLIDS 60.0 ± 2.0% †
RECOMMENDED DFT 2.0 to 3.5 mils (50 to 90 microns) per coat.

CURING TIME

Temperature	To Touch	To Handle	To Recoat
75°F (24°C)	15 minutes	30-45 minutes	4-8 hours

Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 2.69 lbs/gallon (322 grams/litre)
Thinned 2%: 2.78 lbs/gallon (333 grams/litre) †

HAPS

Unthinned: 2.54 lbs/gal solids
Thinned 2%: 2.55 lbs/gal solids

THEORETICAL COVERAGE

962 mil sq ft/gal (23.6 m²/L at 25 microns). See APPLICATION for coverage rates. †

NUMBER OF COMPONENTS

One

PACKAGING

55 gallon (208.2L) drums and 5 gallon (18.9L) pails.

NET WEIGHT PER GALLON

13.41 ± 0.25 lbs (6.01 ± .11 kg) †

STORAGE TEMPERATURE

Minimum 20°F (-7°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE

(Dry) Continuous 200°F (93°C) Intermittent 250°F (121°C)

SHELF LIFE

12 months at recommended storage temperature.

FLASH POINT - SETA

67°F (19°C)

HEALTH & SAFETY

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

APPLICATION

COVERAGE RATES

	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m ² /Gal)
Suggested	2.5 (65)	4.0 (100)	385 (35.8)
Minimum	2.0 (50)	3.5 (90)	481 (44.7)
Maximum	3.5 (90)	6.0 (150)	275 (25.5)

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

MIXING

Stir thoroughly, making sure no pigment remains on the bottom of the can.

THINNING

Normally not required. Where local regulations permit, may be thinned up to 2% or 2 1/2 ounces per gallon with No. 3 Thinner.

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APPLICATION EQUIPMENT

Air Spray

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	E	765 or 704	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	60-80 psi (4.1-5.5 bar)	15-20 psi (1.0-1.4 bar)

Low temperatures or longer hoses require higher pot pressure.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.015"-0.019" (380-485 microns)	2700-3400 psi (186-234 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

Brush/Roller: Suggested for small areas only, when using for touch-up.

SURFACE TEMPERATURE

Minimum 40°F (4°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (3°C) above the dew point.

CLEANUP

Flush and clean all equipment immediately after use with the recommended thinner or xylene.

† Values may vary with color.

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