

BLACK GLOSS ENAMEL

Features

- An excellent corrosion resistant finish. It possesses excellent exterior durability and adhesion over most metal, wood, and concrete surfaces.
- Excellent finish over shop applied primer for fabricated steel and structural steel.
- Key Feature is excellent weathering performance and fast dry as well as high corrosion resistance.

Typical Uses

Excellent exterior durability and adhesion over most metal, wood, and concrete surfaces. Gives the best performance when applied over Wohl Alkyd Primers.

Physical Data

Pencil Hardness (ambient cure)	F	Theoretical volume solids of	
Adhesion (ASTM D 4541)	300 psi	mixed material	58±2
Temperature resistance (non-immersion)		Theoretical coverage of mixed gallon (1 mil)	930 sq. ft.
Continuous	25	Volatile Organic Content	
Non-continuous	0°F	No thinner required ready to apply	3.0 lbs/gal.
Gloss 60 deg Florida Exposure	300°F		
MEK double rubs	Initial 87, 1 year 85		
Salt Spray 336 hours	45		
Impact, Direct/Reverse	1/4" to 3/8" creep		
	Face clean		
	60 / 10		

Resistance

F A-1250 Black Gloss Enamel is designed for exposures to mild chemical fumes under typical atmospheric conditions.

<u>Exposure</u>	<u>Immersion</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acidic		Poor	Fair
Alkaline	Not recommended	Poor	Fair
Solvents	Not recommended	Poor	Good
Salt water	Not recommended	fair	Excellent
Water	Not recommended	Good	Excellent
	Not recommended	Good	

Film Thickness (per coat)

Dry film thickness: 1.5-2 mils
Wet film thickness: 3 - 4 mils
Theoretical coverage: 930 sq. ft. @ 1mils DFT

Primer/Substrates

FA -1250 Black Gloss Enamel may be applied directly to properly prepared steel substrates and weathered galvanized steel. However the performance life is doubled when applied over Wohl Primer BB-506. The light gray primer is best to use when top coated with a white or pastel finish coat.

Colors

Black Other colors available on special order.

Shipping Data

Packaging unit		Flash Point: (Setaflash)	
		FA-1250	97° F
Shipping weight (approx.)		Shelf Life: 2 years when stored inside at 40°F to 110°F.	
Package unit	12lbs.	60lbs.	DOT Classification Paint, 3, UN1263, PG III

Surface Preparation

FA-1250 Black Gloss Enamel is designed to be used over surfaces that have been prepared in accordance with SSPC-SP2 Hand Tool Clean specification. In many cases High Pressured Water Blast can provide a satisfactory surface when dry. If rust is present the surface must be primed with Wohl Alkyd Primer prior to application of the finish coat.

FA 1250 Product Data Sheet

Mixing

Mix FA-1250 well prior to application.

Thinning

Thinning is not required for most applications; however FA-1250 Black Gloss Enamel may be thinned up to 1 pint/gal. For VOC control thin only with thinner #4. VOC as supplied ready to apply 360 gms / liter.

Applications Conditions

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>
Minimum	40°F	40°F	40° F
Maximum	120°F	120°F	120°F

Special thinning and application procedures are required outside these temperatures. Surface temperatures should be 5°F above dew point to prevent condensation.

Application Equipment

Conventional Spray: Industrial sprayers such as DeVilbiss MBC or JOA and Binks 18 or 62 having double regulated pressure pot, 3/8" J.D. minimum material hose and a .070" LD. fluid tip and air cap are recommended.

Airless Spray: Sprayer such as Grace's Bulldog with a 30:1 ratio and a .017" to .021" tip is recommended. A 30 mesh inline filter is recommended.

Brush or Roller: Use medium brush and short nap roller with solvent resistant fibers and core.

Drying Time

The following minimum times are based on DFT as indicated @70F and adequate air ventilation, Higher thickness and reduced air circulation increase drying times.

<u>Surface Temperature</u>	<u>To Touch</u>	<u>To Handle</u>	<u>To Recoat</u>
70°F @ 1 mils DFT	40 min.	5:30 hrs.	12 hours
70F @ 1.5 mils DFT	60 min.	7 hrs.	14 hours

Maximum Recoat

FA-1250 Black Gloss Enamel can be recoated with itself at any time by simply removing dirt and contamination of the existing coat. Best practice would allow for first coat to cure for 8 hours minimum before recoat.

Cleanup

Cleanup spill spatters and equipment using mineral spirits, Lacquer thinner or Thinner #4 for VOC control.

08/11/16

CAUTION: Read and follow all caution statements on this product data sheet and on the Material Safety Data Sheet for this product.

CONTAINS FLAMMABLE SOLVENTS. Vapors are heavier than air and will accumulate. Extinguish all flames and prevent all sparks. All electrical equipment and installations should be made and grounded in accordance with the National Electrical Code. Where explosion hazards exist workers are required to use non-sparking tools and wear non-sparking shoes.

HEALTH: In confined spaces workers must wear fresh airline respirators.

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