



Alta Calidad, Alto Rendimiento.

PRODUCT TECHNICAL SHEET

## DIFFUSED ALUMINUM FLA-80-05

### GENERAL DATA

<b>Product description:</b>	Diffused Aluminum is a high-tech Modified Alkyd Enamel with Special Aluminum pigments, which have light-diffusing properties, resulting in a uniform shine, preventing the surface from overheating and protecting it from bad weather.	
<b>Recommended Use:</b>	Its use is recommended in the industrial, domestic, marine, petrochemical, refineries, etc. Example: pipes, gas or gasoline cylinders, metal fences, platbands, etc. Where liquids or gases are protected, the temperature should not be altered. Designed for indoor and outdoor use.	
<b>Color:</b>	Aluminum.	
<b>Film Appearance:</b>	Sparkly.	
<b>Percent Solids</b>	Weight: 58.0%	Volume: 48.8%
<b>Theoretical performance:</b>	19.81m <sup>two</sup> /liter (75 m <sup>two</sup> /gallon) at 25 microns (1 Mils) dry film thickness. Iron and Steel :	
<b>Recommended Backgrounds:</b>	Zinc Chromate Primer code FLA-10-21	Minium Primer code FLA-10-31
<b>Recommended Finish:</b>	Does not apply.	
<b>Film thickness Recommended:</b>	Dry: 37.5 microns (1.5 Mils).	Wet: 75 microns (3 Mils).
<b>Original Viscosity:</b>	50 - 5 KU at 25°C (77°F).	

### SURFACE PREPARATION

<b>General:</b>	The surface must be clean, dry, free of grease, rust or other contaminants, according to SSPC-SP-1 specification. All traces of old or poorly adhered paint must be removed.
<b>Iron and Steel</b>	Solvent Cleaning per SSPC-SP-1 specification. Manual cleaning according to SSPC-SP-2 specification. Power Tool Cleaning per SSPC-SP-3 specification.

### APPLICATION METHOD

<b>General:</b>	It can be applied by brush, roller or conventional spray. Mix well until the color is homogeneous and occasionally during the application.
<b>Brush:</b>	Natural bristle brushes are recommended.
<b>Roller:</b>	It is recommended to use the appropriate sleeve according to the porosity of the surface.
<b>Atomization:</b>	<p>a) Suction Gun: 2.81 - 4.22 kgf/cm<sup>two</sup>(40-60 psi) Air line.</p> <p>b) Conventional Pressure Gun: Container Pressure: 0.70 - 1.05 kgf/cm<sup>two</sup> (10-15psi). Air Pressure: 2.81 - 4.22kgf/cm<sup>two</sup>(40-60psi).</p> <p>c) Without Air: Pump ratio: 30:1 (min.). Output (min): 11.4 l/min (GPM: 3). (Material Hose: 3/8" ID (min.). Nozzle Size: 13-19 mils (325-475 microns). Outlet Pressure: 127-141 kgf/cm<sup>two</sup>(1800-2200psi). Filter Size: 60 mesh. Teflon packings are recommended and are available from the pump manufacturer.</p>

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## DIFFUSED ALUMINUM FLA-80-05

### MIX AND DILUTION

**Mixture Proportion Mixture Usage Time (Pot Life):**

Does not apply.

**Dilution:**

Does not apply.

Maximum 15% by volume with Solvent Add 05 High Gloss code FLA-231-001. (19 fl. oz.) per 3.785 liters (1 gallon).

### CLEANLINESS AND SECURITY

**Cleaning:**

Use High Gloss Solvent code FLA-231-001.

**Precautions:**

Store in a cool and well ventilated place. Keep tightly covered after use. Toxic product. Keep out of reach of children.

**Flashpoint:**

Greater than: 25°C (77°F).

### DRYING TIME

**General:**

These times are based on a dry film thickness of 37.5 microns (1.5 Mils) at a temperature of 25°C (77°F), which may vary depending on environmental conditions during application and by film thickness. applied.

**Touch:**

One (1) Hour

**Fingerprint Free:**

Three (3) Hours

**Repainted:**

Ten (10) Hours.

**Lasted:**

Twenty-four (24) Hours

### PRESENTATION AND STORAGE

**Presentation:**

Gallon Container (3,785 Liters).  
Other packaging on request.

**Storage Time: Storage Temperature and Humidity:**

Twelve (12) months, indoors and in well-ventilated places.  
Maximum: 100°F (38°C) and 85% Relative Humidity.



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