



Polidura Alkyd AC Primer uses specially selected raw materials which provide high performance for maintenance critical conditions and to be applied over aged systems. Fast dry primer, mechanical treated surface tolerant.

#### TECHNICAL CHARACTERISTICS

##### TYPE

Modified alkyd primer.

##### USAGE

As coating for metal structures, piping and industrial accessories in low corrosive environments.

#### TECHNICAL INFORMATIONS

<b>COLOR</b>	Brown	Other colors, please consult.
<b>FINISH</b>	Matt	
<b>VOLUME SOLIDS</b>	51% ± 2	According to ISO 3233
<b>WEIGHT PER LITER</b>	1.440 ± 0.05 g/ml	According to ASTM D 1475
<b>FLASH POINT</b>	32°C	
<b>THEORETICAL SPREADING RATE</b>	10.2 m <sup>2</sup> /l - 50 µm 6.8 m <sup>2</sup> /l - 75 µm	
<b>WET THICKNESS</b>	100 to 150 µm	
<b>DRY THICKNESS</b>	50 to 75 µm	
<b>DRYING TIME, for 50 µm</b>		25°C

		Minimum	Maximum
<b>ENVIROMENTAL CONDITIONS</b>	<b>Touch</b>		1h
	<b>Handle</b>		3h
	<b>Recoat</b>	5h	
	<b>Recoat (roller)</b>	48h	
	<b>Temperature</b>	Should be between 0 to 40°C	
	<b>Relative Humidity</b>	Between 30 to 85%	
	<b>Dew Point</b>	Surface temperature is at least 3°C above dew point	
	<b>Thinner</b>	9097 - Alkyd Thinner	

<b>APPLICATION</b>	<b>Brush</b>	It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners.
	<b>Roller</b>	Dilute up to 10% (vol.) with recommended thinner. Must be used solvent resistant roller (sheep wool). The wool must be cutted (small size) to avoid blistering during the application.
	<b>Conventional Spray Gun</b>	Dilute up to 10% (vol.) with recommended thinner. Conventional DeVilbiss JGA 503 FX 704 spray gun or similar. Spray pressure between 2.5 to 3.5 kgf/cm <sup>2</sup> (35 to 50 psi). Tank pressure between 1.1 to 2.1 kgf/cm <sup>2</sup> (16 to 30 psi).
	<b>AirLess Spray Gun</b>	Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 19 to 25 and pump pressure between 140 to 175 kgf/cm <sup>2</sup> (2000 to 2500 psi).



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<b>SURFACE PREPARATION</b>	<b>Direct over carbon steel</b>	Recommended minimum standard mechanical treatment ISO 8501-1 St 3. The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants.
	<b>Recommended Primers</b>	Not applicable
	<b>Coated Surfaces</b>	The surface must be clean and free of contaminants as oils, fat, grease and dust. Must not present peeling's areas. Proceed light sanding (220) to break the gloss.
	<b>Recommended Topcoat</b>	Polidura Glossy Alkyd Topcoat. Others finishes, please consult.

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**SHELF LIFE** 18 months

**UN NUMBER** 1263

**HAZARD NUMBER** 33

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**IMPORTANT RECOMMENDATIONS**

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1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l and viscosity values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
3. In order to use the product as primer, the color of different lots may vary slightly, since it does not conform to any specific color standard.
4. Alkyd paints resin dries by oxidation of the film in contact with oxygen in the air. Therefore, thicknesses and recoat out of this TDS specified interval and temperatures above or below 25°C changes the drying characteristics of the product, and may cause failures in the film and reduce its performance.

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**SAFETY PRECAUTIONS**

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1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
  2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40°C. Must not be directly exposed to the sun.
  3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
  4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
  5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.
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## HEALTH HAZARDS

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1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).

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