

PRODUCT DESCRIPTION

Polyur 718 series is a fast dry universal alkyd phenolic primer. It is designed as a primer to be used with top coats containing strong solvents (such as epoxies or 2K polyurethane).

PRODUCT FEATURES

- Fast drying time
- Excellent metal adhesion
- Excellent chemical, oil and corrosion resistance

TYPICAL USES

- Heavy and light duty equipment
- Machinery
- Steel structures

TECHNICAL DATA

Colors available:	718002 Grey 718702 Red Oxide 718902 Black
Gloss:	Flat
* Solids by volume:	40 % +/- 2 %
* Solids by Weight:	59 % +/- 2 %
Theoretical Coverage of 1 mil:	635 ft ² / U.S gallon
D.F.T. at 25 microns:	59 m ² / 3.78 liters
Recommended D.F.T. mils:	2.0 - 2.5
Dry film thickness microns:	50 – 62.5
Viscosity:	75 ku +/- 3
*Specific gravity	1.27 – 1.37 kg/lit
Flash Point:	24°C (75.2°F)
V.O.C.:	542 grams/liter 4.51 lbs / US gal.

* Data may vary according to colors

Drying times:

Dust Free:	15 minutes
To recoat:	30 minutes
Hard:	16 hours
Reduction solvent:	DE-300, DE-400
Dilution:	10 - 15 % by volume
Shelf life:	12 months @ 25°C unopened
Packaging:	3.78 liters (1 US gallon) 18.93 liters (5 US gallon)

Keep in cool and dry area



APPLICATION GUIDE

SURFACE PREPARATION

Remove all detrimental foreign matter such as oil, grease, dirt, soil, salts, drawing and cutting compounds and other contaminants from steel surfaces with Polyur 111628 (water-based cleaner) or Polyur 101601 (solvent based cleaner) or approved equivalency.

MIXING AND THINNING

The entire contents of each container must be mixed well before application.
Dilute 10 - 15 % by volume with thinner DE-300 or DE-400 for air application.

APPLICATION PROCESS

For application in or on the premises of a factory or a shop as part of a manufacturing, processing or repairing activity.

			RECOATING TIME		
Substrate temperature	Dust free	Hard	Minimum	Maximum	Normal
23°C (73°F)	15 minutes	16 hours	30 minutes	unlimited*	12 hours

*** NOTE: Must be free of all contaminants**

The use of brush and roller applications is not recommended for large surfaces.

CONVENTIONAL SPRAY		AIRLESS SPRAY	
Manual Spray gun:	DeVilbiss JGA-510, MBC-510 or equivalent	Pump Ratio:	30:1
Fluid Nozzle:	E Fluid Tip	Pressure:	1500 – 3000 Psi
Air Cap:	704 or 765	Hose:	¾ inch, 50 ft length maximum
Atomizing Air:	45 – 75 lbs	Tip Size:	0.013 – 0.017
Fluid Pressure:	15 – 20 lbs	Filter Size:	50 Mesh (300 um)
Hose:	½ inch, 50 ft length maximum		

SPECIAL INSTRUCTIONS & PRODUCT LIMITATIONS

- Air temperature and surface should be between 10°C - 30°C (50°-86°F)
- Should not be applied in high humidity conditions
- Should not be applied on cold, warm or wet surfaces
- Shelf life: 12 months @ 25°C (77°F) unopened

See the material safety data sheet and product label for complete safety and precaution requirements.

DISCLAIMER:

"The following is made in lieu of all warranties, expressed or implied: Manufacturer's obligation shall be to replace such quantity of the product proven to be defective. The manufacturer shall not be liable for any injury, loss or damage, direct or incidental or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. All values shown are approximations. Values indicated are for guide purposes only, as actual values can change due to application conditions, application methods, environmental conditions etc. The information contained herein is subject to change without notice. Consult your representative for a current data sheet. The foregoing may not be altered except by an agreement signed by the officers of the manufacturer."