Commercial Performance Coatings

PLC-900

CPC 9

Wash Primer

PRODUCT DESCRIPTION	
PLC-900 WASH PRIMER Component A	**PLC-901 WASH PRIMER CATALYST Component B**

TYPE: Acid Etch Wash Primer

RECOMMENDED USE
PLC-900 Wash Primer is a surface pre-treatment designed for direct application to properly prepared bare metal surfaces. With this product, as with other metal pre-treatments, optimum performance of the topcoat can be improved with the use of PPG recommended primers over PLC-900.

COLOR
Yellow-Green

PHYSICAL CONSTANTS	
WEIGHT PER U.S. GALLON (MIXED) 7.10 - 7.20 lbs/gal	**FLASH POINTS** PLC-900 Pensky-Martens 40°F (- 4°C) PLC-901 Pensky-Martens 60°F (15°C)
PERCENT SOLIDS BY WEIGHT (MIXED) 7.05% - 9.05%	**VOC** (MIXED) 6.45 - 6.55 lbs/gal
PERCENT SOLIDS BY VOLUME (MIXED) 4.1% - 6.1%	

READY TO SPRAY VISCOSITY (varies by color) #3 Zahn N/A #2 Zahn N/A

PERFORMANCE FEATURES
96 HOUR HUMIDITY RESISTANCE Excellent
ADHESION Excellent
IN SERVICE TEMPERATURE LIMITATIONS 150°F

CHEMICAL/SOLVENT RESISTANCE			
10% SULFURIC ACID	N/A	10% HYDROCHLORIC ACID	N/A
10% AMMONIA	N/A	10% SODIUM HYDROXIDE	N/A
XYLENE	N/A	ISOPROPYL ALCOHOL	N/A
OIL	N/A	GASOLINE	N/A
500 HOURS SALT SPRAY	Good		
WATER RESISTANCE: Resistant to intermittent exposure. **Not recommended for immersion service**			

SURFACE PREPARATION

The surface to be coated must be free of all contamination, including dust, dirt, oil, grease and oxidation.

Metal	Recommended Topcoat	Direct To Properly Treated Substrate
Cold Rolled Steel	ALK-200/201, AUE-100, AUE-300, AUE-350 HSP-900/902 (Primer), HSP-2128, EPX-900, AUE-280, AUE-280LG, AUE-400LG	Excellent
Hot Rolled Steel	ALK-200/201, AUE-100, AUE-300, AUE-350 HSP-900/902 (Primer), HSP-2128, EPX-900, AUE-280, AUE-280LG, AUE-400LG	Excellent
Galvanized	ALK-200/201, AUE-100, AUE-300, AUE-350 HSP-900/902 (Primer), HSP-2128, EPX-900, AUE-280, AUE-280LG, AUE-400LG	Excellent
Galvaneal	ALK-200/201, AUE-100, AUE-300, AUE-350 HSP-900/902 (Primer), HSP-2128, EPX-900, AUE-280, AUE-280LG, AUE-400LG	Good
Aluminum	ALK-200/201, AUE-100, AUE-300, AUE-350 HSP-900/902 (Primer), HSP-2128, EPX-900, AUE-280, AUE-280LG, AUE-400LG	Excellent
Plastic/Fiberglass	The surface should be free of all contamination. Because of the variability of plastic / fiberglass substrates, coating performance should be confirmed on the actual plastic/fiberglass substrate being used.	

APPLICATION DATA

MIXING DIRECTIONS
Stir thoroughly before and occasionally during use.
Mix equal parts by volume of Wash Primer component A (PLC-900) and Wash Primer Catalyst-component B (PLC-901).

THINNING
None required

POT LIFE
8 hours after mixing

RECOMMENDED WET FILM BUILD
N/A

RECOMMENDED DRY FILM BUILD
0.20 - 0.40 mils

Film in excess or below these recommended film builds may cause problems such as, adhesion failure, solvent popping and slow cure.

APPLICATION EQUIPMENT
Conventional Spray: 55-65 psi at the gun.

DRYING TIME
3.5 mils wet at 77°F (25°C) and 50% relative humidity.

To Touch:	5 minutes
To Handle:	20 minutes
Dry:	30 minutes
To Topcoat:	15 minutes to 16 hours
Recoat:	30 minutes to 16 hours
Force Dry:	N/A

Drying time listed may vary, depending upon film build, and temperature.

Application of film thickness in excess of that recommended for this product will substantially extend dry time.

RECOMMENDED SPREADING RATE
480 sq. ft. at 0.4 mils dry film per U.S. gallon (varies by color). Coverage figures do not include losses due to mixing, transfer or application of coating or losses due to surface irregularities or porosity.

CLEAN UP
Lacquer Thinner

APPLICATION PRECAUTIONS AND LIMITATIONS
Apply only when air, product or surface temperature is above 50°F (10°C) and when surface temperature is at least 5°F (3°C) above the dew point.

Brush and roller application is not recommended.

To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries, Inc. is constantly improving its coatings and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG Distributor for the most up-to-date information

SAFETY

These materials are designed for application only by professional, trained personnel, using proper equipment under controlled conditions and are not intended for sale to the general public.
Safe application of paints and coatings requires knowledge of equipment materials and individual training. Directions and precautionary information on both equipment and products should be carefully read and strictly observed for personal safety and property protection. Consideration must be given to eliminate conditions, which may generate hazardous atmospheres during spray application or subject operators or bystanders to injury or illness. Special precautions must be taken when utilizing spray equipment, particularly airless equipment. High-pressure injection of coatings into the skin by airless equipment may cause serious injury requiring immediate medical attention at a hospital. Treatment advice may also be obtained from Poison Centers. Air quality should be maintained with adequate ventilation; applicators can achieve additional protection by wearing respirators and other protective garments such as gloves and overalls. In all cases, wear protective eye equipment. During the application of all coatings materials, all flames, welding and smoking must be prohibited. Explosion proof equipment must be used when coating these materials in confined areas.

PRECAUTIONARY INFORMATION
Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all warnings and precautionary information on all product labels. Prevent all contact with skin and eyes and breathing of vapors and spray mist. Repeated inhalation of high vapor concentrations may cause a series of progressive effects including irritation of the respiratory system, permanent brain and nervous system damage and possible unconsciousness and death in poorly ventilated areas. Eye watering, headaches, nausea, dizziness and loss of coordination are indications that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.
KEEP OUT OF THE REACH OF CHILDREN

MEDICAL RESPONSE
Emergency Medical or Spill Control Information (304) 843-1300. CANADA (514) 645 - 1320 Have label information available.

MATERIAL SAFETY DATA SHEET
Material Safety Data Sheets for the PPG products mentioned in this publication are available through your PPG Distributor.
FOR ADDITIONAL INFORMATION REGARDING THIS PRODUCT, SEE THE MSDS AND LABEL INFORMATION.

PPG Industries
Commercial Coatings
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