

**CHEMSEAL 1600-APU**  
ALIPHATIC POLYESTER URETHANE

**Technical Data**

**DESCRIPTION:** Chemseal 1600-APU is a two-component aliphatic polyester urethane enamel designed for exterior/interior surfaces. Its tough durable finish is unsurpassed for its ability to withstand impact and abrasion. Flexibility, superior hardness, adhesion and fast dry makes it an ideal product for many industrial applications.

**RECOMMENDED USES:** Warehouses - storage areas - industrial and manufacturing plant floors - aisleways - machinery and equipment - vehicles - exterior metal - auto service areas.

**CHEMICAL RESISTANCE:** Skydrol, MEK, hydraulic and brake fluid, gasoline and many other solvents and chemicals. For additional chemical resistance please consult the Parker Technical Department for your specific requirements.

**PHYSICAL CHARACTERISTICS:** Excellent flexibility and light stability. Good penetration for secure bond.

**FINISH:** Gloss

**VOLUME SOLIDS:** 50% +/- 1% depending on color

**FLASH POINT:** Part A: 76 degrees. F. Set Flash  
Part B: 76 degrees. F. Set Flash

**SUGGESTED DRY FILM THICKNESS:** 2-4 mils per coat

**EXPECTED COVERAGE:** 600-300 square feet. per unit at suggested DFT

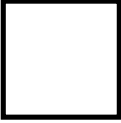
**COLORS:** Various

**PACKAGING:** 1 unit = 1/2 gallon Part A, Activator  
1 gallon Part B, Base

**SHIPPING WEIGHT:** 1 unit = 15 lbs.

**USDA APPROVAL:** Yes

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and know-how, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.



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**Application Data**

**SURFACE PREPARATION:** General Surface Preparation Instructions: NEW CONCRETE - Remove all dust, dirt, grease and other foreign materials. For maximum adhesion acid etching is required. Surface must be thoroughly dry before application. METAL should be cleaned by solvent degreasing. WOOD should be free of dust, dirt, grease and other foreign materials. On TILE remove all wax or topcoat and clean thoroughly.

**PRIMER:** Probond 26-CP. Contact Parker Coatings' Technical Dept. for specific requirements.

**MIXING:** Mix Part A into Part B for 3-5 minutes. Allow approximately 5-10 minutes for induction time before application.

**POT LIFE:** 45 minutes - 1 hour at 70 degrees. F. and 50% R.H.

**APPLICATION TEMPERATURE:** Do not apply when temperature is below 50 degrees. F. Temperature of substrate should be 50-70 degrees. F.

**CURE TIME:** Tack free - 1 hour. Recoat - 6-16 hours at 70 degrees. F. and 50% R.H.

**APPLICATION:** Apply by brush, roll or spray. If roll application is used, use a 3/8" nap roller cover. Do not over roll or product gassing may occur. When spraying, consult the "Safety and Handling of Poly-Isocyanate Bulletin". Do not apply when excessive moisture is present.

**CLEAN UP:** Clean spills and tools immediately with P30T Thinner

**CAUTION:** It is recommended that the personnel observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis. Do not use in confined space or closed area without adequate ventilation. This product may be irritating to eyes and skin. Avoid contact with liquid components A and B and keep mortar from touching tool handles and clothes. Use coveralls, goggles, rubber gloves or protective cream. Always wash thoroughly with soap and warm water after use. Should accidental eye contact occur, wash thoroughly with water and consult a physician immediately. U.S. Department of Labor approved material data sheet is available.

**LIMITED WARRANTY:** The Manufacturer warrants this product to be free from defects in material and workmanship under normal use and service for a period of one year of the date of purchase. The Manufacturer's sole liability shall be limited to replacing this product if, within one year of the date of purchase, it is shown to be defective. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. THE MANUFACTURER SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY KIND. This warranty shall not be extended, altered or varied except by a written instrument signed by the Manufacturer.