



CHEMSEAL 1190-HBU
HI-BUILD URETHANE

Application Data

SURFACE PREPARATION: NEW CONCRETE: Remove all dust, dirt, grease and other foreign material. For maximum adhesion, acid etching is required. Surface must be thoroughly dry before application of sealer. METAL SURFACES should be cleaned by solvent degreasing. WOOD SURFACES: Remove all dust, dirt, grease and other foreign materials.

PRIMER: Depends on application. Contact Parker Technical Department.

APPLICATION TEMPERATURE: Do not apply when surface or atmospheric temperature is below 50 degrees. F. and 50% R.H. Moisture content of concrete should be no greater than 18%.

CURE TIME: 12 hours light traffic - 24 hours heavy traffic at 70 degrees. F. and 50% R.H.
Tack Free: 30-45 minutes

APPLICATION: Apply with brush, roller, airless or conventional sprayer. When spraying consult the "Safety and Handling of Poly-Isocyanates" Bulletin. If roll applying, use a 3/8 inch nap roller cover, and do not over roll. IMPORTANT: DO NOT APPLY WHEN EXCESSIVE MOISTURE IS PRESENT.

CLEAN UP: Clean all spills and tools immediately with P32T Thinner or hot soapy water.

MIXING: Mix one Part A with one Part B by volume. Use drill mixer at low speed 15-20 RPM and blend mixture for two to three minutes.

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 recommendation, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.

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 maybe 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 for this coating 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.

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HI-BUILD URETHANE

Technical Data

DESCRIPTION: A water clear aliphatic urethane cured polyaspartic/polyurea sealer for use where superior chemical resistance, abrasion resistance and aesthetic appearances are required. This outstanding sealer cures to a mar free finish, is light stable and will remain clear and glossy. It shows superior adhesion to tile, concrete, wood and metal. A two package sealer that applies easily and dries quickly, reducing downtime.

RECOMMENDED USES: Interior or exterior concrete, tile, wood and metal.

Ideal for warehouse floors, aisleways, manufacturing facilities, print shops, food processing plants and canneries. Used as a glaze coat over interior and exterior decorative concrete overlayments to add years of life to the system.

CHEMICAL RESISTANCE: Resistant to skydrol, MEK Thinner, Acetone, Toluene, gasoline, brake fluid, hydraulic fluid. For additional chemical resistance please consult the Parker Technical Department for your specific application.

PHYSICAL CHARACTERISTICS: Excellent mar resistance. Excellent chemical, solvent and oil resistance. Excellent light stability. Quick dry time. <25 mg loss on a CS-17 wheel, 1000g load, 1000 cycles.

TEAR STRENGTH: 420 P.L.I.

ELONGATION: 175%

TENSILE STRENGTH: 2707 psi

SHORE D HARDNESS: 40D

FINISH: Gloss

VOLUME SOLIDS: 100%

FLASH POINT: >200° F. Seta Flash

SUGGESTED DRY FILM THICKNESS: 5-15 mils per coat or 10-20 mils for finished system

EXPECTED COVERAGE: 625-310 sq. feet per unit at suggested DFT

POT LIFE/WORKING LIFE: 30 minutes

COLOR: Water clear

V.O.C.: None

PACKAGING: 1 unit = 2 gallons

SHIPPING WEIGHT: 1 unit = 20 lbs.

USDA APPROVAL: Yes

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