CLEAR HIGH - GLOSS
URETHANE FLOOR COATING
TWO PART WATER BASED

RESIN: Proprietary blend of Premium Aliphatic Urethane
COLOR: Clear
GLOSS: High 90%
SOLID CONTENT:
By weight: 60.0%
By Volume: 52.0%
RECOMMENDED COVERAGE:
267-400 square feet per gallon at 6 to 4 mils wet film over acrylic coated concrete.
AVERAGE WEIGHT PER GALLON: 8.58 lbs.
PACKAGING” 1 or 4 Gallon Kits
Part A & B
AVERAGE POT LIFE AT 70F: 2-4 hours
VOLUMERTIC MIX RATIO: A:B; 3:1
FLASH POINT: None
DRYING TIME @70F & 50%
RH: Touch - 2-3 hours
Recoat window -6- 12 hours
Full Cure - 7-14 days
CLEANUP: Soap and water
VOC: 10.0 grams per liter
DESCRIPTION
Anvil’s Two Part Water Based Clear Urethane 1800 is a chemical resistant Urethane Coating that exhibits excellent wear, abrasion resistances and UV stability. The film build, gloss and chemical resistance are comparable to solvent based systems, yet without the intense odor associated with them or the high VOC levels.

Breakthroughs in new water based technologies allow us to produce a product that is much higher in solids and with full crosslinking. This allows the applicator to use the product during normal business hours when customers or neighboring tenants won’t be disturbed by an offensive solvent odor, yet not sacrifice any of the physical properties. It’s low odor, Non Flammable, very low VOC content, outstanding chemical resistance and excellent gloss retention make it the perfect clear top coat over properly installed Anvil 1500 Acrylic Concrete Stain, Anvil 2300 Semi Transparent Concrete Stain or Anvil 1700 Epoxy Show Coat Concrete & Garage Floor Coating or 1750 GripTite Primer for the natural concrete look.

USES
Anvil #1800 Two Part Water Based Clear Gloss Urethane Floor Coating can be used on properly prepared, cured, acrylic coated, interior or exterior above grade horizontal concrete floors. Excellent abrasion resistance and gloss retention for interior or exterior applications to primed/painted steel, drywall and other miscellaneous substrates.

DIRECTIONS FOR USE AND SURFACE PREPARATIONS
Proper preparation will insure maximum adhesion, and durability, ASTM D4258-83 Specification. Acrylic coated floors in good condition: the surface must be clean and free of all wax, grease, oil, dirt, acid, mildew, release agents and all other surface contaminants. Failure to remove grease, oil, soap or other contamination will interfere with adhesion of the concrete stain. To clean surface, scrub with a solution of 1/2 cup of TSP (Trisodium Phosphate) per gallon of clean hot water. Rinse thoroughly with a power washer. Glossy painted surfaces must be dulled. Do not apply to concrete where hydrostatic pressure is present or over 3 lbs. of moisture per 1000 sq. ft. ASTM F1869-04. Check for a high pH, ASTM D4262 specification. Do not thin. Do not apply to stamped concrete, glossy coatings or uncoated concrete.

APPLICATION
Volumetric Mixing Ration 3:1. Pot life 2-4 hours. Hand stir Part A and Part B to intermix product thoroughly before application. Mix at a rate of a third of the total volume. At the end of the mixing time, the mixture should be smooth and free of bubbles. If the mixture is not smooth, a transport joint will be visible. Do not mix previously catalyzed material with new. Apply in thin multiple coats by brush, pad, foam roller, 3/16” nap roller in 4-6 wet mils, not to exceed 6 wet mils in a single coat. If coating is applied too thickly, the surface may be uneven. A lambs wool or synthetic pad works great for the smoothest application. Avoid heavy application resulting in runs, pooling, flood coating or puddling. Use minimal backrolling to avoid micro bubbles forming in the film. Excessive film thicknesses will cause micro bubbling. Urethane coatings should be allowed to self level naturally, do not over work clear coating. Allow tack free to 12 hours drying time between coats.

CLEAN-UP
Clean immediately with warm, soapy water.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. IS TOXIC. TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. WOMEN SHOULD ALSO AVOID EXPOSURE. Wear an NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. You start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice.

Contact your Anvil representative for additional technical data and instructions.

HIGH GLOSS
ULTRA LOW VOC
CHEMICAL RESISTANCE
ABRASION RESISTANCE
USE OVER ACRYLIC COATINGS
LOW ODOR

USES: GARAGES, WAREHOUSE, SCHOOLS, OFFICES, HOSPITALS, HOTELS AND PATIOS.

VOC: 10.0 grams/liter
Revised 5-2017 Supersedes all prior publications