



CLEAR HIGH - GLOSS URETHANE FLOOR COATING TWO PART WATER BASED



1 GALLON KIT



4 GALLON KIT



1800
KITS

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

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 U.V. 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 V.O.C. 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 where 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 Ratio 3:1. Pot life 2-4 hours. Hand stir Part A and Part B to inter mix product thoroughly before application, do not over mix to induce air bubbles. Do not close catalyzed container. Do not apply the material beyond recommended pot life, at end of life the viscosity increases and eventually becomes semi hard. 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 thick foaming will occur. A lambs wool or synthetic pad works great for the smoothest application. Avoid heavy application resulting in runs, ponding, flood coating or puddling. Use minimal backrolling to avoid micro bubbles forming in the film. Excessive film thicknesses will cause microbubbling. Urethan coatings should be allowed to self level naturally, do not over work clear coating. Allow tack free to 12 hours drying time between coats. If the recoat window is exceeded a 120-140 grit disk or brown buffing pad must be used to roughen the surface, wash and vacuum. If relative humidity is high (> 80%), allow an extra period of drying time to tack free. Two thinly applied coats are recommended depending on the surface being coated to achieve gloss uniformity. Surfaces

such as walkways, inclined driveways, garages, patios, steps etc. may require a slip resistant additive for safety. Add Anvil #9102 Talon Grip Slip Resistant Additive to the final coat of 1800. This product should not be used in place of a non-skid finish. Coverage is approximately 267-400 sq. ft. per coat. Do not dilute. Do not apply if the threat of rain is imminent or if the air/surface temperature is expected to be below 50°F within the first 24 hours of application. Do not apply in extreme heat of day or in direct hot sunlight. Allow 3 days (72 hours) before allowing vehicle traffic on the coating. Full cure in 7-14 days. We recommend that a parked car stand on cardboard until full cure. Do not apply to glossy polyurethane or epoxy coatings. Do not apply to surfaces where moisture can reach the underside of the coating. Do not apply to uncoated concrete.

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. **MAY CAUSE EYE, NOSE AND THROAT IRRITATION. CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. EYE PROTECTION AND PROTECTIVE CLOTHING. ONLY WITH ADEQUATE VENTILATION.**

To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. you experience eye watering, headaches or dizziness, increase fresh air. properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. dust mask does not provide protection against vapors. contact with eyes and skin. thoroughly after handling. AID; if you experience difficulty in breathing, leave the area to obtain fresh air. continued difficulty is experienced, get medical assistance immediately. case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN - DO NOT TAKE INTERNALLY.



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



HIGH GLOSS

ULTRA LOW VOC

CHEMICAL RESISTANCE

ABRASION RESISTANCE

USE OVER ACRYLIC COATINGS

LOW ODOR

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