



TECHNICAL DATA SHEET

WB URETHANE GLOSS

PRODUCT DESCRIPTION

A premium 2-component Waterbase Urethane provides the equal superior performance to Polyaspartic without any odor, health or environmental issues. Waterbase Urethane (WBU) is VOC compliant. It gives hard, durable coatings that features good gloss, superior abrasion resistance and UV resistance. WBU has been formulated to offer a high performance finish coat for seamless flooring, coating and architectural concrete applications where odor and health concern are sensitive.

AVAILABLE COLORS

- Light Gray
- Medium Gray
- Dark Gray
- White
- Black
- Tan
- Beige
- Tile Red
- Safety Red
- Safety Blue
- Safety Green
- Safety Yellow

APPLICATIONS

- Pharmaceutical
- Hospital
- Veterinary facilities
- Food Prep/Kitchens
- Auto showrooms
- Restaurant
- Garage Floors
- Schools
- Ramps
- Restrooms
- Laboratories
- Health Care facilities
- Manufacturing plants
- Basements
- Retail Store
- Aisle ways
- Kennels
- Car wash facilities

ADVANTAGES

- High Gloss (just like glass) & Build
- 4x more abrasion resistant than epoxy
- Non-yellowing
- Chemical, scratch, abrasion resistant
- Easy mixing ratio (1:1)
- Solvent FREE
- Cure at temperatures just above Freezing
- Does not support growth of bacteria or fungus.

PRODUCT DATA

Volumetric Ratio	3 to 1
Solids	54%
Coverage	300-500 SF/gal.
Pot Life	2 hours
Pot Life is reduced by increasing temperature and/or mass	
Cure times (78 degrees, 30% R.H)	
Dry to Touch	4 - 6 hours
Recoat	10 hours
Light Traffic	18 -24 hours
Full Cure	5 -7 days
Higher Temp & Lower humidity will accelerate cure times.	
Lower temp & higher humidity will lengthen cure time.	
VOC	24 hrs(light traffic)
Performance Properties	
Gloss, Clear	91
Pendulum hardness,	182
Tabor Abrasion-1000gm.Load	
1000 cycles, CS17 Wheel	32mg.loss

SURFACE PREPERATION

"Directly to concrete: Thoroughly and evenly profile surface to a CSP of "2" using 30 Grit diamonds with a bond commensurate w/the surface hardness. Clean and vacuum THOROUGHLY until entire surface is laitance free. Recoating over Epoxy or another sealer: Deglossing the surface is mandatory by means of using a 17" Floor maintainer and profiling it with 80 to 100 Grit screens. Then thoroughly vacuum and clean the floor to be completely laitance free."

PACKAGING

4 GALLON KITS

PART A	3 GAL
PART B	1 GAL

1 GALLON KITS

PART A	0.75 GAL
PART B	0.25 GAL



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CONCRETE PREPERATION

Concrete surfaces should be clean, dry, and free of disintegrating chalky material or previously applied coatings to insure satisfactory results. To increase adhesion, dense or machine troweled concrete surfaces should be prepared mechanically as described in surface preparation. The surface profile should resemble 80 grit sandpaper to be suitable for coating.

MIXING

MIX 3 PARTS "A" WITH 1 PART "B" IN BATCHES NO LARGER THAN 4 GALLON AT A TIME. Top Coat: In a clean and dry bucket, mix 3 parts A and 1 part B together using an agitator, jiffy mixer or stir stick. Mix slowly for at least 2 minutes or until completely combined. Prepare only the amount you can use in 2 hours at 78F. (Higher temperatures reduce work time).

MILDEW

DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, gray or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. See precautions on bleach label for handling before using.

COVERAGE

At 300 SF/Gal dry Mil thickness "2"..... AT 500 SF/Gal "1" Mil

DRYING TIME/CURE TIMES

Under normal Conditions (70F & 50% Humidity) dries to touch in 4 to 6 hours depending on formulation. May be recoated when dry to the touch. Do not apply to surfaces when ambient or surface temperatures are below 50F. Higher temperatures and lower humidity will accelerate cure times and reduce working time .

APPLICATION INSTRUCTIONS

For application, you can pour or spray the material. Use a 3/8" nap roller or squeegee to spread the mixture over the surface, back rolling the area to be coated.

THINNING

Materials are typically applied as received, but may be thinned with water up to 10% during application to keep a low viscosity. Any reduction water must be added after partA and B have been drill mixed.

APPLICATION IN EXTREMELY HOT WEATHER

1. Dampen the floor surface to be coated. (Do not saturate)
2. In a large bucket, mix and prepare no more than a 1 gallon kit at time.
3. Pour entire mixture evenly onto the horizontal surface to be coated.

WARNING! SLIP AND FALL PRECAUTIONS

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slipresistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. GLACIER EPOXY SUPPLY recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. GLACIER EPOXY SUPPLY or its sales agents will not be responsible for injury incurred in a slip and fall accident.

Handling Precautions

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves and clothing are recommended.

WARRANTY

GLACIER EPOXY SUPPLY products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification.



MADE IN USA