



WBU GLOSS

LOW VOC WATER BASE URETHANE SYSTEM

PRODUCT DESCRIPTION

Walttools WBU G is a specially formulated, two component, aliphatic urethane for interior or exterior use. This product provides a tough, scratch resistant, glossy finish coating that may be used as finish coat or as a prime coat surface for WBU Matte. The self-crosslinking nature of the material makes it ideal for outdoor use and tough industrial environments.

FEATURES AND BENEFITS

- Excellent abrasion and chemical resistance
- Fast drying
- UV resistant
- High Gloss finish
- Easy to apply
- Water cleanup

TYPICAL APPLICATIONS

WBU is recommended as a prime or finish coat on properly prepared concrete surfaces. This may include stained or dyed floors, concrete countertops, interior overlays and microtoppings, found in places like restaurants and bars, medical and animal clinics, garages, basements, storage facilities, patios, hangars, retail shops, etc.

TECHNICAL INFORMATION

Pendulum Hardness.....1 day 35 s, 7 day 3+ min
 Pot Life at 75 degrees.....2.5 hours
 Dry time 50% R.H. @75F.....7.5 hours
 Chemical resistance.....Equal to solvent borne(se below)
 VOC.....<75 degrees
 60 degree gloss.....90

Mix Ratio(a/b volume).....2 to 1
 Coverage(3 mils drf.).....275 sq. ft./gal
 Recoat Time-Cure(50% R.H. @725F).....16-24 hours
 Dry Time-Full Cure(50% R.H. @ 72 F).....3-5 days
 Solid content.....40%

CHEMICAL & STAIN RESISTANCE (ASTM D- 1308 24 hour Spot Test)

Toluene	No Effect	Urine	No Effect
Ethanol	No Effect	Motor Oil	No Effect
Sulfuric acid(10%)	No Effect	Transmission Fluid	No Effect
Acetic acid(10%)	No Effect	Wine	No Effect
Sulfuric Acid(10%)	No Effect	Gasoline	No Effect
Mustard	No Effect	Coffee	No Effect

COVERAGE

Application Surface

New (unsealed) concrete

First Coat Optional

250-300 sq ft/300-325 sq ft

Second Coat

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

©Walttools 1246 Leah Rd, Morris IL 60450
 Walttools.com 888-263-5895

INSTRUCTIONS

SURFACE PREPARATION:

Hard Troweled Concrete: Acid etch evenly with a solution of 1 part Wattools C Etch to 3 parts clean water (by volume) and rinse thoroughly with a neutralizer, or a neutralizing solution of 1 cup ammonia to 5 gallons clean water to achieve a neutral substrate of 7 pH. Allow surface to dry completely prior to coating application. **Light shot blasting or diamond grinding is suggested for superior adhesion.** A vapor test should be performed before application. This can be done with a professional meter or simply taking several 6x6 inch sheets of clear plastic and thoroughly taping it to the surface completely around the edges. If after 24 hrs the plastic is dry it is assumed there is not hydrostatic pressure problems.

Coated Concrete: An existing coating must be completely removed prior to applying new product or a thorough sanding or other mechanical grinding is highly recommended to prepare the surface if applying over an existing coating. After existing coating is removed or sanded and prepared a test area coat is highly recommended to test adhesion prior to entire application. Substrate temperature must be no less than 55 degrees F and not exceed 90 degrees F. Avoid applying coating in high humidity/moisture atmospheres. If applied outside make sure surface is fully clean and dry with no rain expected for 24 hours. Excess heat and moisture may result in inadequate film formation and have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Mix exactly 2 parts of A to 1 part of B. Mix thoroughly to ensure uniform coating, color (if applicable), and thorough curing properties. A low speed whirl mixing head is recommended. There is no waiting period before use. Be sure to only mix enough material that can be applied within 1 hour.

APPLICATION: It is recommended to apply this coating using a 3/8" shed-free, phenolic core roller, T-bar, or microfiber pad. Apply evenly at a rate of 250-300 square feet per gallon, always keeping a wet edge. Back rolling may be necessary to achieve a uniform, roller mark free application. It is recommended to work in sections usually using control joints as dividers to ensure proper application results. Do not allow to puddle. Use a bristle brush to remove excess coating in joints. It is recommended to recoat within 10-12 hours of first coat (Do not exceed 24 hrs or sanding will be required)

PLEASE NOTE: WBU G will darken many but not all surfaces. Please test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application.

Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.

CLEAN-UP AND REMOVAL

Use solvent. Dispose of containers in accordance with local and federal regulations.

Dried, cured product may be removed with a commercial stripper, but recommended removal is by way of mechanical means, including sanding, shotblasting, etc.

PRECAUTIONS AND LIMITATIONS

Prevent from freezing. Allow temperature to rise to a minimum 50 degrees F prior to application.

WBU should be applied in medium to thin coats. Do not puddle.

Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.

Moisture tests may be necessary prior to application.

Be aware that this product may be slippery when wet. Anti Slip additive may be needed to reduce surface slip hazards.

NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 888.263.5895.

©Waltools 1246 Leah Rd, Morris IL 60450

Waltools.com 888-263-5895