



UGloss®-AF Product Data Sheet

PRODUCT DESCRIPTION:

UGloss-AF is a two component polyester/aliphatic polyurethane topcoat.

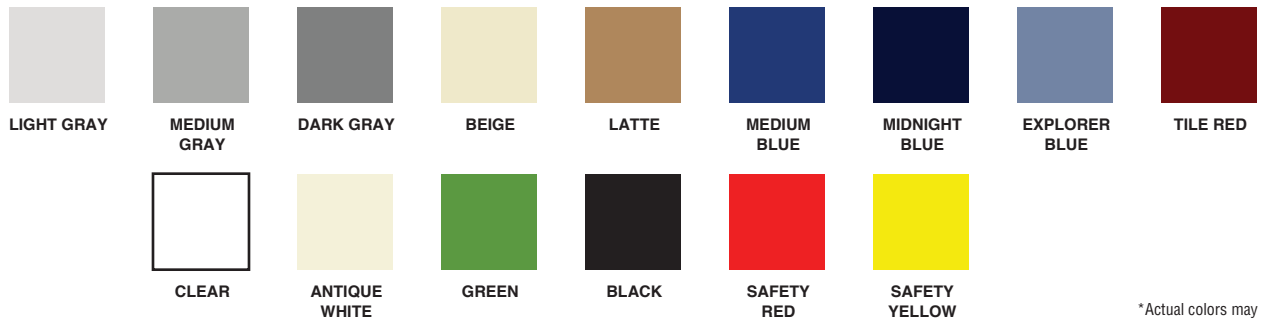
USES:

UGloss-AF exhibits excellent characteristics for abrasion resistance, chemical resistance and flexibility.

ADVANTAGES:

- Smooth glossy finish
- Solvent based product
- VOC Compliant in CA, NY, PA, NJ and other states
- Easy application

COLORS



*Actual colors may vary

PRODUCT INFORMATION

PACKAGING	1.5 Gallon Unit 3 Gallon Unit	Part 2 1 Gallon (US) Part 2 2 Gallon (US)	Part 1 .5 Gallon (US) Part 1 1 Gallon (US)
FINISH CHARACTERISTICS	High Gloss		
SHELF LIFE	1 year in unopened containers		
SOLID CONTENT BY WEIGHT	Mixed = 73% (colors); 64% (clear) (+/- 2%)		
SOLID CONTENT BY VOLUME	Mixed = 70% (colors); 60% (clear) (+/- 2%)		
VOLATILE ORGANIC CONTENT	VOC content is less than 335 g/l (mixed)		

TECHNICAL INFORMATION

ABRASION RESISTANCE	Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 22.0 mg loss
IMPACT RESISTANCE	Gardner Impact, direct & reverse=160 in lb (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
ADHESION STRENGTH	350 psi @ elcometer (concrete failure, no delamination)

APPLICATION INFORMATION

MIXING RATIO	2:1 Part 2 to Part 1	
COVERAGE	320 to 500 square feet @ 3-5 mils wet thickness	
POT LIFE	2 - 4 hours @68°F	
CURE SCHEDULE (68°F)	Tack Free (dry to touch)	3-5 hours
	Recoat or Top Coat	5-9 hours
	Light Foot Traffic	12-24 hours
	Full Cure (heavy traffic)	3-5 days

CHEMICAL RESISTANCE	Please contact a UCoat It Representative
IDEAL APPLICATION TEMPERATURE	45°F -90°F with relative humidity below 90%
PRIMER	UCoat
TOP COAT	None Recommended.

APPLICATION INFORMATION

PRIMING

Using a UCoat as a primer is required.

PRODUCT MIXING

UGloss-AF has a mix ratio of 2 parts 2(Base) to 1 part 1(Activator). Product packaging is pre-measured and should be mixed as supplied. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Improper mixing may result in product failure.

PRODUCT APPLICATION

The mixed material can be applied by brush or roller. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. Direct sunlight or high temperatures may cause visible roller marking during application. Too thick of an application may result in product failure. Exposure to certain types of lighting such as sodium vapor lights may cause the product to discolor. Applications with relative humidity higher than 90% and/or poor air circulation may cause improper/prolonged cure and surface tackiness.

RECOATING OR TOPCOATING

Multiple coats of UGloss-AF are acceptable. However, if you opt to recoat or topcoat, you must first be sure that all of the solvents have evaporated from the coating during the curing process. It is best to test the coating before recoating or top coating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then application of the coating can be started. Also, it is advisable to scuff sand the previous coat to insure a trouble free bond.

LIMITATION

Colors or clarity for clear may be affected by high humidity, low temperatures, or chemical exposure. All new concrete must be cured for at least 30 days. Light or bright colors (white, safety yellow, etc.) may require multiple coats or a suitable color coordinated primer to achieve a satisfactory hide. Colors may vary from batch to batch. Tire contact may cause discoloration or staining. Substrate temperature must be 5°F above dew point. For best results, apply with a serrated squeegee and 3/8" nap roller.

LEGAL DISCLAIMER

Prior to each use of any product of UCI NA LLC., its subsidiaries or affiliates ("UCoat It") the user must always follow the instructions and warnings on the product label, product data sheets and safety data sheets which are available on ucoatit.com or by calling 800-826-2848. Nothing contained in any UCoat It literature or materials relieves the user of the obligation to read and follow the instructions of each UCoat It product set forth in the product label, product data sheet and safety data sheet prior to use of the UCoat It product.

UCoat It warrants this product should ever peel up, blister or lift from a properly prepared (previously untreated and uncoated) concrete floor surface during the lifetime of the original purchaser so long as the original purchaser continues to maintain ownership of the said coated floor and can provide an original proof of purchase; User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive any labor costs. No other warranties express or implied shall apply including any warranty for a particular purpose. UCoat It shall not be liable under any legal theory for special or consequential damages.



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