



UPrime-MCP
Polyurea Primer/Base

PRODUCT DATA SHEET

UPrime-MCP is a high-performance, fast-drying polymer system comprised of two components, perfectly suited for a variety of flooring applications. It exhibits rapid drying properties while providing adequate working time, facilitating one-day floor installations. UPrime-MCP can serve as a primer or basecoat, combined with additives such as UFlek flakes to achieve diverse aesthetic options.

QUICK FACTS

SOLIDS BY WEIGHT: Mixed = 99%	FINISH CHARACTERISTICS: Satin-Gloss
VOLATILE ORGANIC CONTENT: Less than 11 g/l	ABRASION RESISTANCE: 20 mg loss with a 1000 gram total load at 1000 revolutions with a CS17 wheel
RECOMMENDED FIL THICKNESS: 8-16 mils wet	COMPACT STRENGTH:
COVERAGE PER GALLON: 100-200 sq.ft. per gallon	ULTIMATE ELONGATION: 50-100%(estimated)
MIX RATIO: 4:1 Part A to B	TENSILE STRENGTH: 1,200 psi @ ASTM D638
ODOR:	VISCOSITY: Mixed= 500 cps – 1,400 cps
SHELF LIFE: 6 months in unopened containers	HARDNESS: Shore D = 20-30
	DOT CLASSIFICATION: Part A - Not Regulated, Part B - Not Regulated

PRIMER

N/A

TOPCOAT

UGlaze-84, UGloss-AF (tinted)

COLORS

Medium Gray and Beige

PACKAGING

2.5 gallon and 5 gallon units

IDEAL APPLICATION TEMPERATURE

40-90 degrees F with relative humidity below 90%

CURE SCHEDULE (70°F, 70% relative humidity)

Working Time.....15-25 minutes
 Recoat or topcoat.....3-6 hours
 Light foot traffic.....8-12 hours
 Full cure (heavy traffic).....3-5 days

PRODUCT STORAGE

Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

Concrete must be cured for at least 30 days prior too application. This product is not UV stable. Color stability may be affected by enviromental conditdions like high humidity and chemical exposure. UPrime-MCP is intended for use as a flexible protective membrane and not as a finish coat. Some surface irregularities may develop concerning color or texture. Colors may vary from batch to batch. Exposure to some types of lighting such as sodium vapor lights may cuase discolorations. Substrate tempertures must be above 5°F above dew point. Do not expose this product to water until fully cured. Physical properties listed on this technical data sheet are typical values and not specifications. See reverse side for limitations of our liability and warranty.

See reverse side for application instructions.

MIXING AND APPLICATION INSTRUCTIONS

SURFACE PREPARATION:

- Surface must be clean, sound and dry. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes and any other contaminants. All projections, rough spots, etc. should be removed to achieve a level surface prior to the application.
- Two types of surface preparation can be completed over concrete. We recommend a dry preparation which can be completed using a surface grinder, creating a fine profile. All grinding should be vacuumed ensuring the surface is dust free. You may also acid wash the surface with a muriatic acid or prep solution, rinse thoroughly and let dry. To test dryness prior to application, place a 4'X4' plastic sheet on the substrate and tap down the edges. If after 24 hours, the substrate is still dry below the plastic sheet you can proceed with application.

PRIMING:

Not required

PRODUCT MIXING:

UPrime-MCP has a mix ratio of 4 parts A to 1 part B by volume. Packaging is pre-measured and should be mixed as supplied in the kit. We highly recommend that the materials not be broken down unless suitable weighing equipment is available. Pre-mix Part A before adding to the mixing pail. 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.

PRODUCT APPLICATION:

The mixed material should be applied with a serrated squeegee and back rolled with a ½" roller cover as long as the appropriate thickness recommendations are maintained. For the best results, UPrime-MCP should be removed from the mixing pail by pouring the material onto the substrate and spreading it along the floor. Spreading out the material will allow the applicator more time to work with the material before it begins to cure. Temperatures and relative humidity should be maintained within the recommended ranges during the application and curing process. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off to remove the air entrapped in the coating.

TOPCOATING:

A topcoat is required. UGloss-AF or UGlaze-84 are great options. . Colder temperatures will require more cure time for the product before topcoating can commence. Before topcoating, check for surface contamination. If contaminants are present, it can generally be removed by any standard detergent cleaner prior to topcoating.

NOTICE TO BUYER: Disclaimer of warranties and limitations of liability

This warranty applies only to the Do-it-yourself customer of UCI NA LLC. and the UCoat floor coating products. If a UCoat It floor coating 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; UCI NA LLC. and its agents and representatives entire liability for the warranty shall be limited and in no event shall extend beyond that which has been stated herein and granted to the do-it-yourself customer. Said liability shall not extend to indirect, specific, incidental or consequential damages as they may relate to handling, storage, use, misuse or improper application of UCoat It products. Do-it-yourself is defined as a customer of UCI NA LLC. who purchases a UCoat It product directly from UCI NA LLC. or one of its authorized agents or representatives and applies/install said product(s) himself/herself without modification or deviation from prescribed procedures written by UCI NA LLC. and included with the purchased product(s) in his/her owned structure.

Limited warranty applies only to coated areas which are part of a dwelling or structure which is owned by the do-it-yourself customer. Properly prepared floor is defined as a previously untreated/uncoated concrete floor in good condition where all preparation steps as defined by UCI NA LLC. in written instructions have been successfully performed prior to application of a UCoat It product. This limited warranty shall only apply to peeling, blistering or lifting that occurs to properly prepared floors as defined above.

Precautions and Limitation of Warranty

We warrant that our product is manufactured to the specifications as stated here or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. No warranty is made, expressed or implied, regarding such other information, the data on which it is based, or the results you will obtain from its use. No warranty is made, expressed or implied, that our product shall be merchantable or that our product shall be fit for any particular purpose. No warranty is made that the use of such information or our product will not infringe upon any patent. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of the warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Uncured epoxy resins, polymers and their curing agents may be alkaline, toxic or both, depending on the system. They may cause allergic reactions or hypersensitivity reactions. Before using any material, read the Safety Data Sheet and follow all precautions to prevent bodily harm.



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