

UniKrom Epoxy Color

Topcoat

UniKrom epoxy color coat is a 100% solids epoxy coating topcoat. Finish is high build and resistant to impact. Recommended for use as a solid color topcoat for auto service areas, firehouses, aircraft hangars, commercial kitchens, and warehouses.

SOLIDS BY WEIGHT

100%

SOLIDS BY VOLUME

100%

VOLATILE ORGANIC CONTENT

Less than 2 grams per liter

STANDARD COLORS

Sage, Dark Gray, Light Gray, Sand, Maroon, Slate, Limestone, Earth Stone, Khaki, Cream

PACKAGING

3 gallon and 15 gallon kits

PRODUCT STORAGE

Materials must be stored between 60 and 90 degrees F

SHELF LIFE

12 months in unopened containers

FINISH CHARACTERISTICS

Gloss (70-95 at 60 degrees @ glossmeter)

MIX RATIO

2 parts A to 1 part B by volume

COVERAGE

55-125 square feet per gallon

LIMITATIONS

Apply when temperatures are between 60F-90F
Relative humidity below 85%

SURFACE PREPARATION

Shotblasting or diamond grinding of new or existing concrete is required

MIXING

2 to 1 mix ratio. Combine two parts A with one part B by volume then mix with a slow speed drill for a minimum 60 seconds. Avoid whipping air into the mixed material.

APPLICATION

Material can be applied by squeegee, roller, or brush. It is best to maintain a wet edge to avoid overlap marks. Direct sunlight or high temperatures may cause bubbling and visible roller marks. Maintain recommended ranges for both temperature and humidity levels during the application and curing process. Applications with relative humidity higher than 90% may result in improper cure.

RECOAT

See cure schedule

CLEANUP

Use xylol

AVAILABILITY

Throughout the United States, Canada, and abroad

MAINTENANCE

Clean floor daily by sweeping, mopping, or mechanical scrubbing with a soft nylon brush as needed. Use clean water and ph neutral detergent at all times. Contact Palma Inc. for detailed information.

TECHNICAL SERVICES

Contact Palma Inc. for assistance, literature, detailed specifications, preparation, application instructions, and samples.

QUALITY CONTROL

Palma offers the highest level of quality control. Palma is both the formulator and applicator of all Palma products. All Palma applicators are direct employees of Palma, not local dealers.

WARRANTY

Palma Inc. renders a joint one year formulator/applicator warranty against faulty workmanship or materials.

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PHYSICAL PROPERTIES

Compressive Strength	9,100 psi@ASTM D695-1/2" x 1/2" bars
Flexural Strength	5,400 psi @ ASTM D790
Tensile Strength	4,800 psi @ ASTM D638
Elongation	3.1%
Gardner Variable Impactor	50 inch pounds direct- passed
Hardness	80= ShoreD
Viscosity	1300-2300cps
Adhesion	50 psi @ elcometer (concrete failure, no delamination)
Abrasion resistance	Tabar abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 32 mg loss

DOT CLASSIFICATIONS:

- Part A "not regulated"
Part B "CORROSIVE LIQUID N. O. S. , 8, UNil 760, PGIII"

CURE SCHEDULE

potlife - (1 1/2 gallon volume)	30-50 minutes @ 70° F
tack free (dry to touch)	5-8 Hours @ 70° F
recoat or topcoat	8-12 Hours @ 70° F
ligh foot traffic	12-14 Hours @ 70° F
full cure (heavy traffic)	2-7 Days @ 70° F

APPLICATION TEMPERATURE

60-90 degrees F. with relative humidity below 85%

CHEMICAL RESISTANCE

REAGENT	RATING
xylene	C
trichloroethylene	B
methanol	A
ethyl alcohol	B
skydrol	B
10% sodium hydroxide	E
50% sodium hydroxide	D
10% sulfuric acid	C
70% sulfuric acid	A
10% HCl (aq)	C
5% acetic acid	B

Rating key: A -not recommended, B -2 hour term splash spill, C - 8 hour term splash spill, D -72 hour immersion, E -long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.