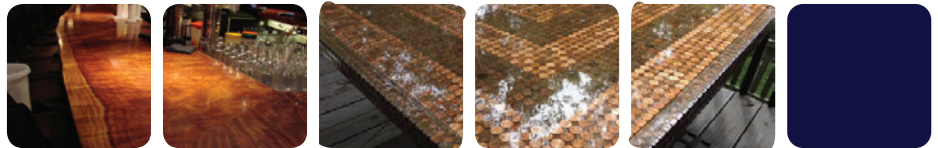


# Product Bulletin

## INFINIUM™ Low Yellowing (LY) Epoxy System for Concrete EPON LY™ Resin 1810 with EPIKURE LY™ Curing Agent 3801



EPON LY™ Resin 1810 is a solvent-free, modified aliphatic epoxy resin. EPIKURE LY™ Curing Agent 3801 is a solvent-free, modified cycloaliphatic amine curing agent. This combination of epoxy resin and curing agent is the INFINIUM™ Lower Yellowing Epoxy System.



### Our Products for Americas



The INFINIUM™ Low Yellowing Epoxy System is a system that can be formulated into a solvent-free, lower yellowing, lower color (clear) system with faster return to service. This non-isocyanate cure system is an alternative to traditional multi-layer system using an epoxy base coat and lower yellowing polyurethane topcoat with significant potential for cost savings.

### Features

- Improved worker safety (non-isocyanate)
- Improved color retention even in direct sunlight
- Superior aesthetics
- Faster return to service

### Suggested Applications

- Industrial floor coatings
- Automotive and aerospace floor coatings
- Bar and counter top coatings
- River tables

### Typical Properties of INFINIUM Lower Yellowing Epoxy System

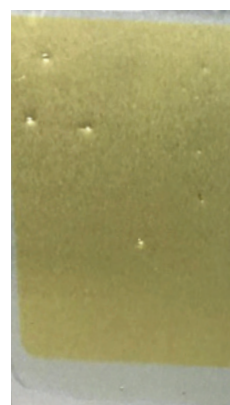
INFINIUM Epoxy System	COLOR (Pt-Co)	VISCOSITY, cP	EQUIVALENT WEIGHT, g/eq	PHR (per hundred weight resin)
EPON LY™ Resin 1810	<150	1,000 - 2,000	210-240	-
EPIKURE LY™ Curing Agent 3801	<250	40	43	22

### QUV-A Panels after Exposure (500 hr.) ASTM G154

INFINIUM System (Delta-E = 5)

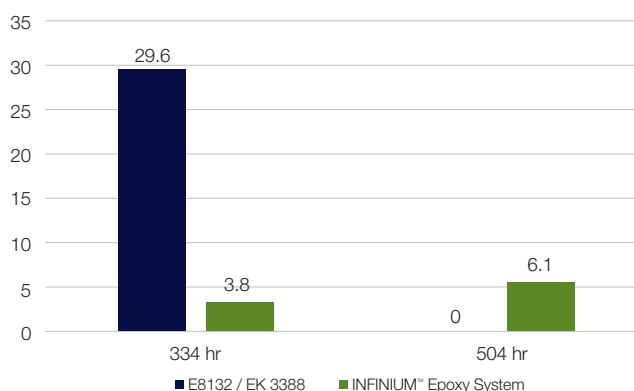


Commercial Lower Yellowing Coating (Delta-E = 25)



## QUV Testing Clear Formula

QUV-A Exposure, Clear Enamels  
(504 hr. exposure)



*No loss of gloss after 504 hours exposures to QUV-A.*

*The EP8132/EK3388 panels were removed at 334 hours due to extremely high Delta E. Without any UV-absorbers or HALS in the formulations!*

## Starting Formulations

- High Gloss White Enamel
- High Gloss Clear Coating

## Summary

The INFINIUM™ Low Yellowing Epoxy System is a system that can be formulated into a solvent-free, lower yellowing, lower color (clear) system with faster return to service. This non-isocyanate cure system is an alternative to traditional multi-layer system using an epoxy base coat and lower yellowing polyurethane topcoat with significant potential for cost savings.

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