

## Product information

# ANCAMIDE<sup>®</sup> 440-BX-60

## Curing Agent

### DESCRIPTION

Ancamide 440-BX-60 curing agent is an epoxy adduct of Ancamide 220 curing agent, supplied as a 60% solids by weight solution in xylene/n-butanol (4:1 by weight). Pre-reaction (or adduction) provides several advantages including reduction or elimination of the standard ½ to 1 hour induction period; improved compatibility, flow and leveling; and a faster drying time/cure-especially under adverse conditions. Relative to Ancamide 220, Ancamide 440-BX-60 curing agent can also provide improved gloss and impact resistance upon cure. These improvements are achieved with standard solid epoxy resin in solution. **Liquid epoxy resins are generally not sufficiently compatible on mixing to provide the advantages described.**

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber Liquid		
Color	7	Gardner	
Viscosity			
@ 77°F	1,800	cP	
@ 140°F	1,000	cP	
Amine Value	129	mg KOH/g	
Specific Gravity @ 77°F	0.950		
Weight per Gallon	7.9		
Flash Point (TOC)	97	°F	
Equivalent Wt/{H}	370		
Recommended Use Level	65-70	phr	EEW=550, Higher concentrations are sometimes employed for greater flexibility.

### ADVANTAGES

- Useful under adverse, outdoor conditions
- Improved flexibility and adhesion
- Improved gloss and impact resistance
- Good to excellent chemical resistance to water and aqueous media

## APPLICATIONS

General-purpose maintenance and architectural coatings and primers

## SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 440-BX-60 curing agent.

## TYPICAL CURE SCHEDULE

2-7 days at ambient conditions depending upon the temperature. Dust-free after evaporation of solvent (lacquer dry).

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