

## Product information

# ANCAMINE<sup>®</sup> 2071

## Curing Agent

### DESCRIPTION

Ancamine 2071 curing agent is a rapid-setting, phenol-free aliphatic polyamine. The product is capable of curing under cold, damp conditions and provides excellent bonds to various substrates.

### TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Straw-Colored Liquid	
Colour	4	Gardner
Viscosity @ 77°F	700	cP
Amine Value	506	mg KOH/g
Specific Gravity @ 77°F	1.018	
Flash Point (closed cup)	448	°F
Equivalent Wt/{H}	95	
Recommended Use Level (EEW=190)	50	phr

### ADVANTAGES

- Very fast property development at ambient and low temperatures
- Phenol-free
- High strength and modulus

### APPLICATIONS

- Concrete repair mortars
- Adhesives
- Patch repair compounds
- Accelerator for other amine-based curing agents
- Coal tar extended epoxies

### 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 Ancamine 2071 curing agent.

## TYPICAL CURE SCHEDULE

**2-7 days at ambient temperature.  
Gel at ambient temperature plus 2 hours at 212°F.**

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit
Gel Time (150g mix @ 77°F)	8	min
Thin Film Set Time		
@ 77°F	2.0	h
@ 40°F	3.5	h
Peak Exotherm (100g mix @ 77°F)	293	°F
Peak Exotherm Time	12	min

## TYPICAL PERFORMANCE\*

Property	Value	Unit
7 day cure @ 77°F		
Glass Transition Temperature	132	°F
Compressive Strength	15,600	psi
Compressive Modulus	424	thousand psi
Flexural Strength	18,200	psi
Flexural Modulus	447	thousand psi
Tensile Strength	11,000	psi
Tensile Modulus	491	thousand psi
Tensile Elongation @ Break	3.9	%
Heat Deflection Temperature (ASTM D648-264 psi)	138	°F
Barcol Hardness (Model GYZJ-935)	86	
Bond Strength (mild steel to mild steel)	1,525	psi

\*Ancamine 2071 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.



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