

ANCAMINE® 1768 Curing Agent**DESCRIPTION**

Ancamine 1768 curing agent is a rapid ambient or low temperature curing agent for epoxy resins. It is a modified aliphatic amine that is particularly useful as an accelerator of other amines and polyamides. It can also be used to cure flexible systems based on Ancarez® 2364 modifier.

ADVANTAGES

- Fast cure at ambient and low temperatures
- Low viscosity

APPLICATIONS

- Trowelable flooring
- Fast-setting adhesives
- Repair mortars
- Accelerator for other amine-based curing agents
- Crack injection

STORAGE 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 1768 curing agent.

TYPICAL CURE SCHEDULE

2-7 days at ambient temperature.

TABLE 1: TYPICAL PROPERTIES

Appearance	Light Yellow Liquid
Color (Gardner)	2
Viscosity @ 77°F (cP)	220
Amine Value (mg KOH/g)	630
Specific Gravity @ 77°F	0.971
Refractive Index @ 77°F	1.512
Equivalent Wt/{H}	95
Recommended Use Level (phr, EEW=190)	50

TABLE 2: TYPICAL HANDLING PROPERTIES*

Mixed Viscosity (cP)	2,820
Gel Time (150g mix @ 77°F) (min)	10
Thin Film Set Time:	
@ 77°F (h)	1.5
@ 40°F (h)	5.0

TABLE 3: TYPICAL PERFORMANCE PROPERTIES*

(Cured 7 days @ 77°F)	
Glass Transition Temperature °F)	130
Compressive Strength @ Yield (psi)	13,300
Compressive Modulus (thousand psi)	349
Tensile Strength (psi)	11,500
Tensile Modulus (thousand psi)	485
Tensile Elongation @ Break (%)	4.1
Flexural Strength (psi)	15,900
Flexural Modulus (thousand psi)	594

* Ancamine 1768 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

Epoxy Curing Agents and Modifiers

ANCAMINE® 1768 Curing Agent

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