

ANCAMINE[®] 2368**Curing Agent****DESCRIPTION**

Ancamine 2368 curing agent is a low colour, low viscosity cycloaliphatic amine adduct intended for use with liquid epoxy resins. Ancamine 2368 imparts rapid development of physical properties at ambient and low temperatures and yields high mechanical strength formulations. Coupled with good chemical resistance against alcohols, solvents and acids makes Ancamine 2368 curing agent ideal for flooring and grout applications.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	<3	Gardner	ASTM D 1544-80
Viscosity @ 25°C	100-300	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	310-340	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.03	g/ml	
Equivalent	99	Wt/{H}	
Recommended use Level	52	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- Rapid cure and property development at ambient and low temperatures
- High mechanical strength and modulus properties
- Good chemical resistance
- Low viscosity
- Good resistance to waterspotting at room temperature

APPLICATIONS

- Self levelling, mortar and special decorative finish flooring
- Chemically resistant mortars and grouts
- High solids coatings

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2368 curing agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Mixed Viscosity @ 25°C	1,500	mPas	Brookfield RVTD, Spindle 4
Gel Time (150g mix @ 25°C)	32	mins	Techne GT-3 Gelation Timer
Peak Exotherm (150g mix @ 25°C)	188	°C	
Thin Film Set Time @ 25°C	5.5	h	BK Drying Recorder Phase III
Shore D 20°C (24 hours)	70		
Typical cure schedule	2- 7	days	

TYPICAL PERFORMANCE PROPERTIES

Property	Value	Unit	Method
Compressive Strength	96	MPa	ISO 604
Compressive Modulus	2.6	GPa	ISO 604
Tensile Strength	55	MPa	ISO 527
Tensile Modulus	2.0	GPa	ISO 527
Tensile Elongation at Break	3.3	%	
Flexural Strength	101	MPa	ISO 178
Flexural Modulus	3.7	GPa	ISO 178
Heat Distortion Temperature	53	°C	ASTM D648

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