

## Product information

# ANCAMINE<sup>®</sup> 2764

## Curing Agent

### DESCRIPTION

Ancamine<sup>®</sup> 2764 is a low color, low viscosity, modified cycloaliphatic amine curing agent intended for use with liquid epoxy resin cured at ambient temperature.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear yellow liquid		
Colour	< 3	Gardner	ASTM D 1544
Viscosity @ 23°C	70-130	cPs	Brookfield RVTD, spindle 4
Specific Gravity @ 25°C	1.03		
Amine Value	250-280	mg KOH/g	Perchloric Acid Titration
Equivalent Wt/{H}	104-108		
Recommended use Level	55	PHR	Cured with bisphenol-A based epoxy resin (EEW=190)

### ADVANTAGES

- Low viscosity
- Low colour
- Good chemical resistance
- Good low temperature cure
- Good waterspot resistance

### APPLICATIONS

- High solids coatings
- Secondary containment lining
- Industrial flooring

## 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 2764 curing agent.

Material may solidify or gel upon exposure to low temperatures (< 15 °C) for extended periods of time. Gelled or solidified material can be utilized after reconditioning at elevated temperatures without impacting handling or physical properties. It is recommended that the material be heated to 40-60 °C while mixing with sufficient heat transfer to dissolve the solid or gel. Once the solidified material has fully homogenized, it can be cooled to room temperature and utilized under normal conditions. Detailed reconditioning procedure is available as standard operating procedure upon request

## PROPERTIESTYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Mix viscosity @ 25°C	1050	mPa.s	Brookfield RVTD, spindle 4
Gel Time @ 25°C (150g mass)	35-40	mins	Techne Gelation Timer, 150 g mix
Thin Film Set Time @ 23°C	5.0	h	ASTM D 5895 — BK Drying Recorder, Phase 3
Hardness Shore D (16/24 h @ 23°C)	81/83		ASTM D 2240
Hardness Shore D (16/24 h @ 10°C)	65/76		ASTM D 2240
Typical cure schedule	2-7	days	

\*Cured with bisphenol-A based epoxy resin (EEW=190)

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