

## Product information

# ANCAMINE<sup>®</sup> 2751

## Curing Agent

### DESCRIPTION

Ancamine 2751 curing agent is a modified cycloaliphatic polyamine intended for use as a room temperature curing agent for liquid epoxy resin. Based on Evoniks' cycloaliphatic amines, it offers cost-in-use economics and a broad balance of mechanical and adhesion strength. Ancamine 2751 curing agent offers rapid hardness development at low temperature condition (eg 10°C).

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Yellow liquid		
Colour	max 12	Gardner	ASTM D 1544
Viscosity @ 25°C	100-400	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	300-350	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.0		
Equivalent	95	Wt{H}	
Recommended use Level	50	PHR	Cured with bisphenol-A based epoxy resin (EEW=190)

### ADVANTAGES

- Low viscosity
- Good low temperature cure speed
- Excellent mechanical resistance

### APPLICATIONS

- Industrial flooring, screeds, primers and grouts
- High solids coatings

### 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.

## PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2751 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Gel Time @ 25°C	30-35	mins	Techne GT-3 Gelation Timer, 150 g mix
Thin Film Set Time 25°C	5.0	h	ASTM D 5895 - BK Drying Recorder, Phase 3
Hardness Shore D 7 days @ 25°C	86		ASTM D 2240
Hardness Shore D 24h @ 10°C	79		ASTM D 2240
Typical cure schedule	2-7	days	

## TYPICAL PERFORMANCE PROPERTIES\*

Property	Value	Unit	Method
Compressive Strength	89	MPa	ASTM D 695
Compressive Modulus	1.9	GPa	ASTM D 695
Carbamation Resistance @ 25°C	3		ISO 2812 (wet patch method), Scale 1-5, 5=best

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

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