

## Product information

# ANCAMINE<sup>®</sup> 2500

## Curing Agent

### DESCRIPTION

Ancamine 2500 is an aliphatic amine based curing agent particularly suited to low temperature conditions. The main applications for Ancamine 2500 are solvent free coatings and patch repair mortars/grouts. Ancamine 2500 can also be used as an accelerator for other curing agents. The product provides good all-round mechanical properties.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Pale amber liquid		
Colour	7 max	Gardner	ASTM D 1544-80
Viscosity @ 25°C	1200-1800	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	350-380	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.07	g/ml	
Equivalent	135	Wt/{H}	
Recommended use Level	70	PHR	With Bisphenol A diglycidyl ether (EEW=190)

### ADVANTAGES

- High reactivity, cures down to 0°C
- Highly flexible with good mechanical properties
- Good chemical resistance
- Solvent free

### APPLICATIONS

The main applications area for Ancamine 2500 is in civil engineering. It is widely used for flooring as a sole curing agent or as an accelerator for low temperature conditions. The aliphatic amine structure provides a high degree of flexibility which makes Ancamine 2500 suited for patch repair mortars and grouts. Ancamine 2500 can also be used in solvent free 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 2500 curing agent.

## TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Gel Time (100g mix at 25°C)	16	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 25°C	3	h	BK Drying Recorder Phase III
Typical cure schedule at ambient temperature	2-7	days	

Ancamine® is a registered trademark of Evonik Industries AG or one of its subsidiaries.

### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

### EVONIK OPERATIONS GMBH

Business Line Crosslinkers  
Paul-Baumann-Str. 1  
45764 Marl  
Germany

[www.evonik.com/crosslinkers](http://www.evonik.com/crosslinkers)

**Product Information:** [APCSE@evonik.com](mailto:APCSE@evonik.com)

**Sample Request:** [APCSE@evonik.com](mailto:APCSE@evonik.com)

### EVONIK CORPORATION

Business Line Crosslinkers  
7001 Hamilton Boulevard  
Trexlerstown, PA 18087  
USA

[CrosslinkersProinfo@evonik.com](mailto:CrosslinkersProinfo@evonik.com)

[Crosslinkers-Samples@evonik.com](mailto:Crosslinkers-Samples@evonik.com)

### EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

Business Line Crosslinkers  
55, Chungong Road  
Xinzhuang Industry Park  
Shanghai, 201108  
China

[CL-Asiainfo@evonik.com](mailto:CL-Asiainfo@evonik.com)

[CL-Asiainfo@evonik.com](mailto:CL-Asiainfo@evonik.com)

