

ANCAMINE[®] 2165**Curing Agent****DESCRIPTION**

Ancamine 2165 is a low viscosity accelerated aliphatic amine developed specifically for crack-injection applications at both room temperature and lower temperatures down to 5°C.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear light yellow liquid		
Colour	2 max	Gardner	ASTM D 1544-80
Viscosity @ 25°C	20	mPa.s	Brookfield RVT-D, Spindle 4
Amine Value	690-720	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.04	g/ml	
Equivalent	50	Wt/{H}	
Recommended use Level	25	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- Very low viscosity
- Good through-cure down to 5°C
- Excellent mechanical properties — in particular, compressive strength and modulus which ensures monolithic behaviour in repair and crack injection systems
- Good adhesion to concrete

APPLICATIONS

- Crack injections systems

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 2165 curing agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Mixed Viscosity @ 25°C	130	mPa.s	Brookfield RVTD, Spindle 4
Gel Time (150g mix @ 25°C)	50	mins	Techne GT-3 Gelation Timer
Thin Film Set Time @ 25°C	8	h	BK Drying Recorder Phase III
Typical cure schedule	2 - 7	days	

TYPICAL PERFORMANCE PROPERTIES

Property	Value	Unit	Method
Compressive Strength	127	MPa	ISO 604
Compressive Modulus	3.0	GPa	ISO 604
Adhesion to Dry Concrete (substrate failure)	40	kg.cm ⁻²	
Adhesion to Damp Concrete (coating failure)	21	kg.cm ⁻²	

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EVONIK OPERATIONS GMBH

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

www.evonik.com/crosslinkers

Product Information: APCSE@evonik.com

Sample Request: APCSE@evonik.com

EVONIK CORPORATION

Business Line Crosslinkers
7001 Hamilton Boulevard
Trexlerstown, PA 18087
USA

CrosslinkersProinfo@evonik.com

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

CL-Asiainfo@evonik.com

