

ANCAMIDE[®] 2886**Curing Agent****DESCRIPTION**

Ancamide 2886 curing agent is a modified amidoamine intended for use at ambient temperature with liquid epoxy resins. Compared with standard amidoamines, it imparts better chemical resistance, improved film appearance, better low temperature cure and resistance to blush. Ancamide 2886 curing agent is ideal for systems applied to concrete, such as trowelable flooring, self-leveling flooring, grouts and concrete primers. A key benefit of the formulations based on Ancamide 2886 is excellent resistance to hot oleic acid, particularly suitable for chemically resistant floorings in food preparation areas.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear amber liquid		
Color	<11	Gardner	ASTM D1544-80
Viscosity @ 25°C	400-550	cPs	ASTM D 2196-05, Brookfield RVTD
Specific Gravity @ 21°C	1.02		
Amine Value	300-400	mg KOH /g	Perchloric Acid Titration
Equivalent Wt{h}	100-110		
Recommended Use Level	50	phr	Bisphenol A diglycidyl ether resin (EEW=190)

ADVANTAGES

- Very good chemical resistance
- Improved film appearance
- Excellent adhesion to concrete
- Good strength and modulus

APPLICATIONS

- Concrete primers, adhesives and bonding agents
- Self-leveling and trowelable flooring
- Tile grouts
- Chemically-resistant mortars and grouts

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 2886 curing agent.

SHELF LIFE

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

TYPICAL CURE SCHEDULE

2-7 days at ambient temperature

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Mixed viscosity (25°C)	2,500	cPs	
Gel Time (150 g mass, 25°C)	83	min	Techne GT-3 Gelation Time
Gel Time (150 g mass, 10°C)	158	min	Techne GT-3 Gelation Time
Thin Film set time (25°C)	11	h	BK Drying Recorder phase III
Thin Film set time (10°C)	27	h	BK Drying Recorder phase III
Hardness Shore D @ 25°C (16h/ 24h/ 7day)	70/ 80/ 84		
Hardness Shore D @ 10°C (24h/ 2day/ 7day)	42/ 76/ 84		

* Bisphenol A diglycidyl ether resin (EEW=190)

TYPICAL PERFORMANCE PROPERTIES (7 DAY CURE AT 25°C)

Property	Value	Unit	Method
Tensile Strength	8,900	psi	ASTM D 638
Tensile Modulus	290	thousand psi	ASTM D 638
Tensile Elongation @ Break	3.3%		ASTM D 638
Compressive Strength @ yield	12,100	psi	ASTM D 695
Compressive Modulus	145	thousand psi	ASTM D 695
Flexural Strength	14,000	psi	ASTM D 790
Flexural Modulus	410	thousand psi	ASTM D 790
Glass Transition Temperature (1st scan)	49	°C	ASTM D3418-15

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