

## Product information

# ANCAMINE<sup>®</sup> 2803

## Curing Agent

### DESCRIPTION

Ancamine 2803 is a modified polyamine curing agent intended for fast cure, high elongation and hardness epoxy application. It is designed for use at 1:1 mix ratio by volume when used with standard epoxy resins. It has fast cure even at low temperatures.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Yellow Liquid		
Colour	< 8	Gardner	ASTM D 1544-80
Viscosity @ 25°C	1300-1900	cPs	ASTM D 2196-05, Brookfield RVTD
Amine Value	230-290	mg KOH/g	Perchloric acid titration
Specific Gravity @ 21°C	1.05		
Equivalent Wt{H}	176-188		
Recommended Use Level	90-110	phr	Bisphenol A diglycidyl ether resin (EEW=190)/Epodil 748 (90:10)

### BENEFITS

- High elongation
- Fast cure
- Low temperature Cure
- High hardness
- High tensile and tear strength

### APPLICATIONS

- Deck membrane
- Crack bridging
- Joint sealant
- Flexible grouts and overlays

### 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 on Ancamine 2803 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Gel Time @ 25°C, 150g mass	10	min	Techne GT-3 Gelation Timer
Thin Film set time (23°C)	2	h	BK Drying Recorder phase III
Thin Film set time (10°C)	4	h	BK Drying Recorder phase III
Hardness Shore D @ 23°C (6h/ 24h)	80/ 80		
Hardness Shore D @ 10°C (6h/ 24h)	68/ 80		
Trouser Tear Strength	207	lb/in	ASTM D 1938
Die-C Tear Strength	236	lb/in	ASTM D 624
Tensile Strength	2450	psi	ASTM D 638-14
Tensile Elongation @ Break	152	%	ASTM D 638-14

\*Bisphenol A diglycidyl ether resin(EEW=190)/ Epodil 748 (90:10)

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