

**ANCAMIDE<sup>®</sup> 2443****Curing Agent****DESCRIPTION**

Ancamide 2443 curing agent is a modified amidoamine designed to be used with liquid epoxy resins. Its extremely low viscosity enables the development of high performance 100% solids formulations that can be applied via conventional and airless spray equipment without the use of diluents.

**TYPICAL PROPERTIES**

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	7 max	Gardner	ASTM D 1544-80
Viscosity @ 25°C	25-35	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	532	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.97		
Equivalent	85.5	Wt/{H}	
Recommended use Level	45	PHR	With Bisphenol A diglycidyl ether (EEW=190)

**ADVANTAGES**

- Very low viscosity
- Surface tolerance resulting in good adhesion to poorly prepared substrates
- Good humidity and corrosion resistance
- Good film appearance and no amine blush
- Long pot-life
- Plasticiser free

**APPLICATIONS**

- Penetrating sealers for poorly prepared steel and concrete surfaces
- Modifier for polyamides for increased volume solids and VOC reduction
- High solids and 100% solids corrosion resistant 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 Ancamide 2443 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Mixed Viscosity at 25°C	75	mPa.s	
Gel Time (150g mix at 25°C)	250	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 25°C	11.5	h	BK Drying Recorder Phase III
Peak Exotherm (100g mix @ 25°C)	84	°C	
Time to Peak Exotherm	250	mins	

## TYPICAL CURE SCHEDULE

**2-7 Days at Room Temperature**

\* With Bisphenol A diglycidyl ether (EEW=190)

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