

## Product information

# ANCAMIDE® 3444

## Curing Agent

### DESCRIPTION

Ancamide 3444 curing agent is a low viscosity, solvent free modified polyaminoamide adduct designed for use with liquid epoxy resin. The curing agent is recommended for primers, coatings especially in problematical areas such as wet and humid application areas.

In addition, Ancamide 3444 curing agent can be used for high solid coatings for corrosion protection under severe conditions. Ancamide 3444 curing agent is free from bisphenol A and phenol derivatives.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear amber liquid		
Colour	max 10	Gardner	ISO 4630
Viscosity @ 25°C	500-1500	mPa.s	ISO 2555
Amine Value	280-330	mg KOH/g	DIN 16945
Specific Gravity @ 21°C	1.03		ISO 2811
Equivalent	115	Wt/{H}	
Recommended use Level	60	PHR	With bisphenol-A based epoxy resin (EEW=190)

### ADVANTAGES

- Fast property development
- Good adhesion to damp substrates
- Corrosion resistance

### APPLICATIONS

- Primers and coatings for wet and high humid application areas
- High solid coatings for corrosion protection
- Adhesive compounds

### SHELF LIFE

At least 36 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 3444 curing agent.

## TYPICAL HANDLING PROPERTIES\* 23°C, 50% RH

Merkmal	Value	Unit	Method
Mix viscosity	3250-3750	mPa.s	ISO 2555
Gel Time	40-50	min	Techne Gelation Timer, 150 g mix
Thin Film Set Time	6	h	ASTM D 5895 – Dry hard time
Persoz Hardness after 1 / 7 days	170-310	s	ISO 1522
Shore Hardness after 1 / 7 days	80D/85D		ISO 868
Typical cure schedule	2- 7	days	

\*With bisphenol-A based epoxy resin (EEW=190)

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