

ANCAMINE® 149 Curing Agent**DESCRIPTION**

Ancamine 149 is a modified cycloaliphatic polyamine adduct intended for use as a room temperature curing agent for liquid epoxy resin. Ancamine 149 is an accelerated variant of Ancamine 1618.

ADVANTAGES

- Low viscosity
- Excellent colour
- No blush and high gloss

APPLICATIONS

- Solvent free and high solids floor and wall coatings
- Self-levelling flooring
- Water wipeable tile jointing grouts

SHELF LIFE

At least 24 months from date of manufacture in original sealed container stored undercover at ambient temperature away from excessive heat and humidity. Discolouration can be expected with time and on exposure to light. Product may appear pink when stored in IBC's.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 149 curing agent.

TYPICAL PROPERTIES

Appearance	Clear light yellow liquid
Colour¹ (Gardner)	<3
Viscosity² @ 25°C [mPa.s]	500-700
Amine Value³ [mg KOH/g]	285-305
Specific Gravity @ 21°C [g/ml]	1.03
Equivalent Wt/{H}	115
Recommended use Level⁴ [PHR]	60

TYPICAL HANDLING PROPERTIES

Mixed Viscosity² @ 25°C (mPas)	2400
Gel Time⁵ (150g mix @ 25°C) [min]	30
Thin Film Set Time⁶ @ 25°C [h]	5.5
Shore D⁷ 20°C (7 days)	53
Typical cure schedule	2- 7 days

TYPICAL PERFORMANCE PROPERTIES

Compressive Strength⁸ [MPa]	65
Compressive Modulus⁸ [GPa]	2.0
Heat Distortion Temperature⁹ [°C]	46
Carbamation Test¹⁰	2

Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) With Bisphenol A diglycidyl ether (EEW=190)
- (5) Techne GT-3 Gelation Timer
- (6) BK Drying Recorder Phase III
- (7) DIN 53505
- (8) ISO 604 with Bisphenol A/F diglycidyl ether 10%, diluted with Epodil 748
- (9) ASTM D648
- (10) Scale 1-5 (5 is best)

Epoxy Curing Agents and Modifiers

ANCAMINE® 149 Curing Agent

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