

ANCAMINE[®] 2869

Ancamine[®] 2869 is a modified polyamine designed for use as an ambient curing agent in two-component liquid epoxy systems. It is especially suitable for use in industrial flooring applications in both primer or topcoat applications. Special features include good resistance against chemicals and humidity and high reactivity also at lower temperatures. This curing agent is an ideal alternative to Ancamine 2759 or Ancamine 2608 when improved labeling is required.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 8	Gardner	ASTM D 1544
Viscosity, 25 °C	50 - 250	mPas	Brookfield RV, spindle 4
Amine value	310 - 350	mg KOH/g	Perchloric acid titration

RECOMMENDED USE LEVEL

Amine equivalent	95		calculated
Use level per 100 g BPA liquid epoxy resin	50	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with standard BPA liquid epoxy resin			
Pot life	35-40	min	Techne GT-3 Gelation Timer
Thin Film Set Time 23 °C	4.5	h	BK Drying Recorder Phase III
Thin Film Set Time 10 °C	9.5	h	BK Drying Recorder Phase III
Carbamation Resistance 23 °C	4	Scale 1 - 5	ASTM D 870 1 d
Carbamation Resistance 10 °C	1	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Industrial coatings
- Primer or sealer in flooring applications
- Self-leveling floor coatings

BENEFITS

- High reactivity
- Good low temperature cure
- High chemical resistance

SUSTAINABILITY ATTRIBUTES

Durability



Efficiency

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 Material Safety Data Sheet of Ancamine® 2869.

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