

ANCAMINE[®] 2143

Ancamine[®] 2143 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 as all-rounder in both primer or topcoat applications. Special features include good resistance against chemicals and humidity.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 2	Gardner	ASTM D 1544
Viscosity, 25 °C	500 - 700	mPas	Brookfield RV, spindle 27
Amine value	250 - 260	mg KOH/g	Perchloric acid titration

RECOMMENDED USE LEVEL

Amine equivalent	115		calculated
Use level per 100 g BPA liquid epoxy resin	60	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with standard BPA liquid epoxy resin			
Pot life	60	min	Techne GT-3 Gelation Timer
Thin Film Set Time 23 °C	7	h	BK Drying Recorder Phase III
Thin Film Set Time 10 °C	16	h	BK Drying Recorder Phase III
Carbamation Resistance 23 °C	4	Scale 1 - 5	ASTM D 870 1 d
Carbamation Resistance 10 °C	2	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Topcoats in flooring applications
- Primer or sealer in flooring applications
- Tank linings

BENEFITS

- High UV stability
- Good reactivity
- Good chemical resistance

SUSTAINABILITY ATTRIBUTES

Durability



LCA available

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[®] 2143.

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