

Product information

ANCAMINE[®] 2712M

Ancamine[®] 2712M 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 low emission metal coatings and industrial flooring applications. Special features besides low VOC emission include high reactivity also at lower temperatures and high resistance against humidity. This curing agent is an ideal alternative to Ancamine 2739 when higher reactivity is required.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 7	Gardner	ASTM D 1544
Viscosity, 25 °C	350 - 650	mPas	Brookfield RV, spindle 27
Amine value	500 - 560	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	30	min	Techne GT-3 Gelation Timer
Thin Film Set Time 23 °C	4	h	BK Drying Recorder Phase III
Thin Film Set Time 10 °C	7.5	h	BK Drying Recorder Phase III
Carbamation Resistance 23 °C	5	Scale 1 - 5	ASTM D 870 1 d
Carbamation Resistance 10 °C	3	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Protective coatings
- Primer or sealer in flooring applications
- Intumescent coatings

BENEFITS

- Zero VOC
- Good low temperature cure
- High reactivity

SUSTAINABILITY ATTRIBUTES



NextGen Solution



Durability



Efficiency



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® 2712M.

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