

Waterborne Epoxy Topcoat Curing Agent DCA-8187

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Introduction

DCA-8187 is a special modified curing agent designed for ambient temperature curing in waterborne epoxy systems. It possesses good hydrophilicity and emulsification properties, making it suitable for epoxy emulsions and standard liquid epoxy resins, demonstrating excellent compatibility. DCA-8187 is particularly recommended for waterborne epoxy topcoats, containing no organic solvents, releasing no formaldehyde, and being environmentally safe. When combined with liquid epoxy resins, it yields a glossy anti-slip surface; when combined with epoxy emulsions, it produces a softly gleaming matte finish.

Physicochemical Data

- Chemical composition: Special modified amine
- Appearance: Pale yellow solution
- Active content: 50%
- Solvent: Water

Characteristic	Test Standard	Unit	Test Value
Appearance	Visual	——	Yellow solution
Viscosity @25°C	Brookfield, LVT	cPs	20000-40000
AHEW	Active Hydrogen Equivalent Weight	——	200
Density @25°C	ASTM D 1475-98	g/cc	1.080
Gel Time for 200g Mixture @25°C Indoor		Minutes	50-70
Drying Time (Mixed with E51)	——	Hours	1-1.5

Product features

- Excellent compatibility with Epoxy resin
- Excellent workability during application
- Anti slip surface
- Solvent free

Application areas

- DCA-8187 is applicable for waterborne self-leveling epoxy floor paints and matte coatings.
- DCA-8187 is suitable for priming and sealing cement-based substrates.

- DCA-8187 is ideal for waterborne epoxy terrazzo floors, cold storage floors, heavy-duty floors, mortar layers, topcoats, grouting, and putty applications.

Addition Method

Add the appropriate proportions according to the formulation

Packaging and storage:

25KG iron drum, stored in a cool and dry place.

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