Waterborne Epoxy Intermediate Coating Curing Agent DCA-8186

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Introduction

DCA-8186 is a modified polyamide curing agent designed for ambient temperature curing in waterborne epoxy systems. It possesses exceptional hydrophilicity and emulsion stability, making it suitable for epoxy emulsions and standard liquid epoxy resins, showing excellent compatibility. DCA-8186 is particularly recommended for cementitious mortars and waterborne epoxy intermediate coatings. It offers excellent workability during application, a longer working time, minimal adhesion to trowels, reduced tendency for mortar drags, fewer entrapped air voids in the mortar, high strength, and strong substrate adhesion.

Physicochemical Data

- Chemical composition:Modified Polyamide
- Appearance: Yellow turbid liquid
- Active content:100%
- Solvent: None

Characteristic	Test Standard	Unit	Test Value
Appearance	Visual	——	Turbid Liquid
Viscosity @25℃	Brookfield, LVT	cPs	500-1000
Amine Value	ASTM D 16945	mg KOH/g	390-420
AHEW	Active Hydrogen Equivalent Weight	g/eq	95
Mixing Ratio with E51	——	wt	100:50
Gel Time for 200g Mixture @25℃	Indoor	Minutes	55-70
Drying Time	——	Hours	5-7

Product features

- Excellent compatibility with Epoxy resin
- Excellent workability during application
- Longer work time
- Strong substrate adhesion

Application areas

- DCA-8186 is suitable for waterborne epoxy cementitious joint filling.

- DCA-8186 is applicable for waterborne epoxy cementitious mortar.
- DCA-8186 is suitable for the repair and bonding of damaged cementitious substrates such as dams, bridge foundations, and embankments

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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