

Epoxy curing agent

G-570

Product performance and features:

The water-based epoxy curing agent G-570 uses imported cycloaliphatic amine from Japan and is synthesized by addition reaction. It has a 50% effective content and a light color. It has excellent emulsifying ability for liquid epoxy resin, resulting in a high gloss of the paint film. It is particularly suitable for water-based epoxy floor topcoats and interior wall anti-mildew paints in schools and hospitals. The one-coat film thickness can reach 300 microns. It can also be used in conjunction with liquid or solid epoxy emulsions for light anti-corrosion coatings.

- √ High gloss
- √ Scratch-resistant
- √ Strong emulsifying ability for liquid epoxy resin
- √ Compatible with emulsions, operation time ≥ 3 hours
- √ High gloss in humid environment

Physical properties:

G-570	Unit	Data
Color	Gardner	≤10
Solid content	%	50 ±2
Appearance		Light yellow - Dark yellow
Viscosity	mPa · s (25°C)	1200-5000
Amine value	mg KOH/g	110-150
Active hydrogen equivalent	g/mol	300

Typical characteristics:

Operation time	25°C	1 -4 hours
Drying time of the surface	25°C	3 hours (128 epoxy) 10 - 15 minutes (E20 solid epoxy)
Setting time	25°C	4H

Pencil hardness		>2H
Shore hardness D		>75

Application scope:

- High-gloss thin coating for floors, thick coating topcoat;
- Water-based epoxy modified cement mortar;
- General steel structure anti-corrosion;

Storage:

Store at room temperature in a sealed manner. If unopened, the storage period is 24 months.

Packaging specifications:

190Kg per barrel, 1000kg per barrel.