

## Water-based epoxy curing agent

### G-576

#### Product Performance and Features:

Water-based epoxy curing agent G-576 is a modified addition amine. It is synthesized through the addition method, with 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 coatings. It can also be used for penetrating primers and water-based cement mortar systems. Depending on the temperature, it is recommended to add 0-3% K54 or DMP-30 to adjust the operation time and curing speed.

- √ High gloss
- √ Scratch-resistant
- √ Thick coating system
- √ Long operation time with liquid epoxy resin
- √ Suitable for cement mortar

#### Physical properties:

G-576	Unit	Data
Color	Gardner	≤6
Solid content	%	50 ±2
Appearance		Light yellow - Dark yellow
Viscosity	mPa · s (25°C)	15000-40000
Typical amine value	mg KOH/g	140
Active hydrogen equivalent	g/mol	300

#### Typical characteristics:

Operation time	25°C	60 minutes
Drying time of the surface	25°C	2 hours (128 epoxy)
Setting time	25°C	4H

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Pencil hardness	25°C / 7 days	≥H
Shore hardness D	25°C / 7 days	>80

**Application scope:**

- High-gloss thin coating for floors, thick coating topcoat;
- Water-based epoxy-modified cement mortar;

**Storage:**

Room temperature: 0 - 40oC. Store in a sealed manner. If unopened, the storage period is 24 months.

**Packaging Specifications:**

200 kilograms per barrel, 1000 kilograms per barrel.