

## Water-based epoxy curing agent

### G-573

#### Product Overview:

Water-based epoxy curing agent G-573 is a specially modified water-based polyamide. It is synthesized through addition reaction and has a 100% effective content. It has good compatibility with solid epoxy emulsion, has a long operation time (> 4 hours). Water dilution has the effect of post thickening, and can also be used in combination with other water-based epoxy curing agents, with excellent anti-corrosion performance.

- √ Thickens after adding water
- √ Good compatibility
- √ Excellent anti-corrosion performance
- √ Long operation time
- √ Anti-sagging performance

#### Physical properties:

G-573	Unit	Data
Color	Gardner	≤12
Solid content	%	100
Appearance		amber
Viscosity	mPa · s (40°C)	16000-24000
Amine value	mg KOH/g	275-345
Active hydrogen equivalent	g/mol	150

#### Typical characteristics:

Operation time	25°C	>4 H
Drying time	25°C	10 - 25 minutes (E20 Solid Epoxy Emulsion)
Setting time	25°C	2 H
Pencil hardness		H

#### Application scope:

- Water-based epoxy anti-corrosion primer for high-speed rail, subway and buses, as

well as general steel structure anti-corrosion;

- Intermediate coating and inner surface coating for containers.

**Storage and packaging specifications:**

Store in a sealed environment at room temperature. If unopened, the storage period is 12 months. 180kg per barrel, 950kg per barrel.