

# IFC-2705

Waterborne epoxy curing agent



## Technical Data Sheet

Name: IFC-2705

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### Product Description

IFC-2705 is a self-emulsifying non-ionic modified amine epoxy curing agent, belonging to the V generation of water-based epoxy system curing agent. It has good compatibility with epoxy resin and can be used with epoxy emulsion of various molecular weights or standard liquid epoxy resin.

### Properties

1. Combined with epoxy emulsion, the surface dries quickly and the hardness rises quickly.
2. Good resistance to salt spray and chemicals;
3. Excellent adhesion and flexibility, wear-resistant, scrub resistant, mildew resistant;
4. Good low temperature curing performance;

### Characteristic data\*

Product indicators		Typical varnish curing properties	
Viscosity (mpa.s/25 °C)	16000± 6000	Applicable period, min	> 1
Amine value (mg KOH/g)	180 ± 30	Surface drying time, h	≤3
Colour and lustre(Gardner)	< 6	Flexibility, mm	≤ 1
Specific gravity ( g/cm <sup>3</sup> )	1.07 ± 0.03	Impact resistance, kg.cm	≥50
Active component (%)	60 ± 2	Pencil hardness, 24h / 7d	3H/3H
Active hydrogen equivalent (g/mol)	248	Adhesion, grade	0

\*These properties are typical but do not constitute specifications.

### Application

Preparation of water-based epoxy coatings requiring fast drying, such as anticorrosive coatings, concrete protective coatings, wood seals close primer, etc.

### Storage

## IFC-2705



Sealed in original drum at room temperature with a minimum shelf life of 18 months. Store in a cool, dry place. Original package after the installation is opened, it should avoid contact with the air for a long time, so as not to affect the quality of the product.

### **Disclaimer**

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