

## Technical Data Sheet

Name: IFC-3112

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### Product Description

IFC-3112 is an epoxy emulsion with good performance, excellent construction environment, fast surface drying speed, good fullness, strong adhesion, does not contain NPE and other free emulsifiers, outstanding water resistance, stability and other characteristics.

### Properties

1. Good adhesion
2. Excellent water resistance and stability
3. NPE-free and no other free emulsifiers added

### Characteristic data\*

Property	Value	Unit
Appearance	Milky white liquid	
Epoxy equivalent	865-1057	g/mol
Viscosity	500-2000	m.Pas
Solid content	52±2	%
Density	1.08	g/cm <sup>3</sup>

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

### Usage and precautions

Used together with water-based epoxy curing agent, it can be used for anti-corrosion primer coating on metal surfaces not immersed in water medium, and also used for anti-corrosion paint in anti-corrosive environments in the industrial field, such as chemical industry, petroleum industry, electric power industry, river sewage industry, etc., and it can be used in pipelines, tunnels, underground warehouses and other places. To achieve the best anti-corrosion effect, the recommended amount of hardener is 80-90% of the stoichiometric amount. IFC-3112 can be used to disperse pigments and fillers, and the temperature should not exceed 40°C when grinding and dispersing. The additives in the formula should be proved not to affect the stability of the system before use.

# IFC-3112



## Storage

The service life is 3 hours at 23 °C, and the substrate temperature should not be lower than 10 °C and the relative humidity should not be higher than 80%. Stored in the original closed container at 5-23 °C, the product storage stability of at least 6 months. To prevent freezing below 0 °C, store in a frost-proof location. The viscosity of the system may decrease during storage.

## Disclaimer

Foshan Shunde Infinechem Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.