

# IFC-3300

Emulsion for fireproof coatings on steel structures



## Technical Data Sheet

Name: IFC-3300

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### Product Description

IFC-3300 is a vinyl acetate / tertiary vinyl carbonate copolymer, based on our latex particle molecular polarity control and unique molecular block coating technology platform, which makes the emulsion has excellent powder carrying capacity and stability. Moreover, our unique polymerisation titration process enables us to effectively control the tertiary vinyl carbonate content grafted to the latex particles, which in turn provides excellent adhesion to the substrate. The emulsion possesses superior substrate adhesion, fire-resistant expansion coefficient and high formulation tolerance, making it highly suitable for fireproof coatings.

IFC-3300 synthetic latex is a highly environmentally friendly emulsion with no artificial addition of formaldehyde, heavy metals, or other substances.

### Properties

1. Excellent powder carrying capacity
2. Excellent substrate adhesion
3. Excellent stability
4. Superior expansion coefficient

### Characteristic data\*

Property	Value	Unit
Type	Modified vinyl acetate / tertiary vinyl carbonate copolymer	
Appearance	Milky white liquid	
PH (25°C)	3.5±1	
Viscosity	800-3000	
Solid content	55±1	%
MFFT	15±2	°C
Particle size	0.3-0.5	µm
Ionicity	Anionic	

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

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## Storage

The product should be stored in dry condition between 10~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

## 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.