

IFC-1304A



Acrylic emulsion for high performance environmentally friendly exterior elastic coating

Technical Data Sheet

Name: IFC-1304A

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Product Description

IFC-1304A is a self-crosslinking, highly elastic acrylic emulsion specially designed for use in elastic wall and roof coatings. This product is an AP-Free, formaldehyde-free and derivative-free, high-performance elastic emulsion developed to apply for present and future environmental requirements. It uses emulsion self-crosslinking technology and UV-curable zwitterionic technology to form a soft and stain-resistant coating film.

IFC-1304A formulated elastomeric coating can still maintain excellent elasticity at low temperatures has extraordinary resistance to dust accumulation and has the ability to breathe, which prevents the accumulation of moisture in walls and roofs. It adopts special anchoring groups in the outer layer of the micelles, which effectively improves interlayer adhesion between the elastomeric coating and the primer, as well as the early wet adhesion. IFC-1304A also adopts the patented "F-sorb" technology, which solves the problem of bright spots caused by the migration of hydrophilic substances in the coating film with the evaporation of water during the drying process of the coating film after rain.

Properties

1. Excellent bright spot resistance
2. Excellent early wet adhesion
3. Excellent breaking elongation and tensile strength
4. Outstanding resistance to staining and weathering
5. APEO-free, no formaldehyde added

Characteristic data*

Property	Value	Unit
Type	Acrylic emulsion	
Appearance	Milky white & bluish	
PH (25°C)	8±1	
Viscosity	500-5000	
Solid content	52±1	%
MFFT	<0	°C
Particle size	0.1-0.3	µm
Ionicity	Anionic	

*These properties are typical but do not constitute specifications.

IFC-1304A



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.