

IFC-2708

Waterborne epoxy curing agent



Technical Data Sheet

Name: IFC-2708

Revision Date: 2022-12-13

Version:1.3

Product Description

IFC-2708 is a surfactant-free aqueous dilutive amine adducts with good compatibility with epoxy resins, It can be used with epoxy emulsion and commercially available standard liquid epoxy resin.

IFC-2708 is suitable for curing at low to medium temperatures, showing good film properties and gloss. It can be applied to all kinds of things epoxy resin adhesives and low VOC coatings.

Properties

1. It can be used directly with standard liquid epoxies or with epoxy emulsions
2. Little smell. Free of formaldehyde, heavy metals, halogenated hydrocarbons and other harmful substances.
3. Water is a dispersing medium, which is safe and convenient to use.
4. The cured products have high hardness, excellent adhesion, high fullness, wear resistance, scrub resistance and chemical resistance, good performance, mildew proof.
5. Can be made with quartz sand mortar layer to enhance the coating strength.

Characteristic data *

Product indicators		Typical varnish curing properties	
Viscosity (mpa.s/25 °C)	16000±7000	Applicable period, min	> 90
Amine value (mg KOH/g)	190±30	Surface drying time, h	≤3
Colour and lustre(Gardner)	≤5	Flexibility, mm	1
Specific gravity (g/mm ³)	1.07±0.02	Impact resistance, kg.cm	≥50
Solid content (%)	58±2	Pencil hardness, 2d/7d	1H/3H
Active hydrogen equivalent (g/mol)	244	Adhesion, grade	0

*These properties are typical but do not constitute specifications.

Application

IFC-2708



Concrete surface: primer, mortar, topcoat; Protective coating for the inner wall of swimming pool and water storage pool; Counter hardening floor coating with high degree and wear resistance. The film has excellent air permeability and is not easy to bubble off.

Storage

Sealed in original drum at room temperature with a minimum shelf life of 18 months. Store in a cool, dry place. Exceed the shelf life can still be used if the test is qualified.

After the original package is opened, it should avoid contact with the air for a long time, so as not to affect the quality of the product.

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.