

KEPERSURF®-385 Surface control additive

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Acrylic levelling agent for water-based system

Product type

Fluoro-modified acrylate copolymer levelling agent with reactive groups

Product usage

Reduce the surface tension in the water-soluble system, improve the floating and levelling, it can effectively solve the defects such as shrinkage hole and orange peel, good wetting ability for substrate and pigments.

Physical data

1. Effective ingredient: fluoro-modified acrylate copolymer with reactive groups
2. Appearance: colorless-light yellow transparent liquid
3. Content: 50±2%
4. Specific gravity: about 1.05(25°C)
5. Solvent: DPM

Product features

1. Effectively improve the fluidity and spreadability of paint solution, can improve the gloss of the system.
2. Excellent anti-shrinkage hole ability, improve the appearance of paint film, prevent explosive boiling marks. reduce orange peel, fish eye and other defects. excellent levelling performance.
3. It has the inhibiting foam effect and improving the debubbling property of paint film.
4. Effectively reduce the surface tension of the system, improve the wettability of substrate and pigments, and help the pigment disperse.
5. Reactive groups are involved in the drying process, providing better interlayer adhesion. Suitable for water-based glass baking paint systems.

Suggested dosage

According to the supply type,
For the total amount of formula: 0.1-1%
The best dosage needs to be obtained through testing

Add methods and precautions

1. It can be diluted with water or common solvents
2. Can be added at any stage of coating manufacturing, but ensure that it is evenly dispersed in the coating system

Scope of application

Suitable for water-based industrial coatings and inks, widely used in water-based glass baking paint systems.

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Safety instructions

Refer to the MSDS

Packing specifications

- 1、 25KG,200 KG plastic bucket
- 2、 Sample:60ml glass bottle

Transportation and storage

- 1、 Containers should be sealed during transport and storage, and no freezing and ambient temperature lower than 40°C .
- 2、 The shelf life is 2 years, starting from the date of production.

The content of this information is based on our current knowledge and experiments, Since we cannot test the nature of this product, especially mixed products from other suppliers, therefore, we remind you that prior to formal use, you should test your performance to meet your requirements. We reserve the right to make technical improvements and changes to this product, and all the information contained in this information is not in the nature of any legal guarantee.