

# IFCA-482



Instant protective glue for different waterborne multicolor coating formulations

## Technical Data Sheet

Name: IFCA-482

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### Product Description

IFCA-482 is a synthetic flake silicate with a patented surface treatment. When hydrated and dissolved, it forms a colorless, translucent gel, and a 25% aqueous solution can be stored for up to one year to maintain fluidity.

### Properties

Advantages of granulation:

- 1.High purity and better transparency;
- 2.Excellent anti-bleeding and anti-settling properties;
- 3.The colored particles have good toughness and are not fragile when sprayed;
- 4.The color particles have moderate softness and hardness, strong texture and high integration.

Viscosity stability:

- 1.High initial viscosity, good anti-settling effect, easy to thicken;
- 2.It is not easy to thicken and stick when stored at low temperature, and it prevents settling at high temperature and does not reduce stickiness.

### Characteristic data\*

Property	Value	Unit
Appearance	Free-flowing white powder	
Density	20.83lbs/gal (2.50g/cm <sup>3</sup> )	
Particle size	(dry) 95% <325mesh (45µm)	
Moisture content	Maximum 10	%
Stable temperature	>400	°C
pH (2% aqueous solution)	9.5	

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

### Recommended Dosage

Pre-gel: When preparing 20% dispersion, it is necessary to feed the material slowly under the condition of rapid stirring, the initial viscosity is higher after a few minutes of stirring, and will show better fluidity after one hour of resting. (Try to use soft or deionized water, if only hard water is available, treatment is required: ion exchange, polyphosphates, etc.).

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## **Application**

This product needs to be pre-dispersed in water and the dispersion can be added at any step. It can form highly thixotropic structures in aqueous systems, including aqueous colorful coatings, aqueous industrial paints, art coatings, detergents, ceramics and pesticide products.

## **Storage**

25kg/package, the product should be stored in a dry environment to avoid moisture absorption.

## **Disclaimer**

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