

Type

Water-soluble Acrylic Resin
Solid Content: 60%

Application

Applied to water-based glass paint and wine bottle paint.

Characteristics

- 1、 Good hardness
- 2、 High gloss
- 3、 Glass is very dense
- 4、 Excellent water and alcohol resistance

Property

Component : Water-soluble Acrylic Resin
Appearance: Light yellow liquid
Solid Content (%): 60±2
Viscosity (mPa.s/25°C): 10000-40000
Acid number (mgKOH/g): 40-60

Storability

If the original package is intact, it can be stored at 20 ° C for 6 months after delivery. The recommended storage temperature range is 5°C-30°C. If it is frozen or the temperature exceeds 30 ° C, it may affect the viscosity of the product, the average particle size and may eventually lead to precipitation or caking. If contaminated by bacteria, fungi or algae, it can cause irreversible effects on the product.

Packing

20kg/barrel; 50kg/barrel; 200kg/barrel

Safety

This product contains solvent, must take protective measures, careful operation, avoid contact with skin and eyes, other details please refer to the material safety manual.

Reference formula

YWA2007Glazing varnish

Material	Content (g)
YWA2007	58
DMEA	3
cyani1325	17
NBA	3
BCS	4
Diethylene glycol butyl ether	4
DPNB	4
H ₂ O	5.9
AFCONA 3588	0.2
BYK-346	0.2
Silane coupling agent	2
Total	100

Construction technology

Bake at 180°C/30min, add 2%-3% silane coupling agent at the paint mixing stage.

Inspection technical index

Test item	Detection result	Reference standard
hardness	2H	GB/T6739-96
Initial adhesion	0 level	GB/T9286
Cold water for 48 hours	Wet film state: the paint film is destroyed immediately, can not be picked, and the paint film has no obvious abnormality	Enterprise standard
Soak in anhydrous ethanol for 4h	Wet film state: the paint film is destroyed immediately, can not be picked, and the paint film has no obvious abnormality	Enterprise standard
52° white wine soaked for 24h	Wet film state: the paint film is destroyed immediately, can not be picked, and the paint film has no obvious abnormality	Enterprise standard
Soak in anhydrous ethanol for 10 days	Dry film state: After the paint film recovers for 15-20min, it cannot be picked, and the paint film has no obvious abnormality	Enterprise standard
Boiling resistance	Boiling water for 1h, can not be moved, not white, not foaming, adhesion level 0	Enterprise standard