



Achieve the innovative value of paint

JIAZHI® Anti-graffiti and easy-cleaning resin

metal surface.

Model number

JIAZHI®JZ-1021

Specification

Composition	Silicone modified hydroxyl acrylic resin solution
Appearance	Transparent to slight yellowish clear liquid
Solvent	IPA/ diethylene glycol
Content	52±2%(120℃ 1h)
Density	1.01-1.05g/ml(25±1)℃
Viscosity	800-3000mPa·s (Rotating viscometer)(25±0.2)℃
Hydroxyl value	78±5 mg KOH/g (Theoretical value of solid resin)

Note: This datasheet is intended to give typical results, not standard. Subject to COA.

Application system

Water-based

Properties

- Increase slip, improve hydrophobic and oleophobic.
- Provide wipe-resistance from mark pen, and lotus effect.
- Provide lotus effect.
- Compared with anti-graffiti additives, it has better anti-graffiti, alcohol-resistant and butanone resistant property. After baking 90s at 210 °C, the resistance to mark pen wipe more than 100 times, resistant to alcohol wipe more than 300 times, resistant butanone wipe to 120-130 times.
- Applicable to anti-oil-and-fouling clean treatment in

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor.

Recommended formula

	Material	Dosage%
Part A	Water soluble acrylic resin	61.25
	JIAZHI®JZ-1021	3.75
	Diethylene glycol monobutyl ether	5.00
	Water	18.60
	Wetting agent(XOANONS®WE-D547)	0.20
	Leveling agent(XOANONS®WE-D881R)	0.50
	Defoamer(XOANONS®WE-D9904BR)	0.20
Part B	Aqueous amino resin	10.00
	Aqueous acid catalyst	0.50
	Total	100.00

Note:

The part A and B should be mixed before usage and used up within 8 hours.

Construction conditions

Baking 30min at 150 °C or baking 90s at 210 °C. If higher requirements of anti-fouling and solvent-resistant wiping, should increase baking temperature or extend the baking time.

Storage stability

Storage: Should store in cool and dry place. Storage temperature should be 5-35 °C, keep the packaging integrity. Shelf life is 12 months. If over 12 months, it still can be used after pass the performance assessment. This product should be strictly protected from frost. One-time run out once open the package.

package

25KG / 180KG