

Product name: Polyaspartic Anti-corrosive topcoat

Model No: PH9503

Product introduction

PH9503 is composed of Polyaspartic esters and various anti-corrosive pigments and fillers, additive and a small amount of solvent. All main ingredients are manufactured by own.

Characteristic:

- Excellent weather resistance and gloss retention
- Good adhesion to substrate
- Excellent impact resistance and wear resistance
- Quick drying
- High solid content

Application: It can be used as a weather-resistant finish for various steel structures, fiberglass and various decorative materials.

Physical Parameters:

Color: According to customers' requirement

Weight Solid: ≥65%

Gloss: bright

Film thickness: Dry: 60-120μm, Wet film: 85-170μm

Theoretical coating rate: Theoretical value: 10 m²/L/60μm

Actual value: varies according to various factors such as surface treatment, external environment, construction method, etc.

Main Technical indicators of Coating Film:

Elongation: ≥300% test method: GB/T 16777-2008

Tensile Strength: ≥4MPa test method: GB/T 16777-2008

Adhesion (concrete): ≥4 MPa test method: GB/T 5210-2006

Abrasive resistance (750g/500r): ≤40 test method: GB/T 5210-2006

Construction parameters:

Ratio:

Airless spray: Main paint: curing agent=2:1

Air spray: Main paint: curing agent: thinner=2:1:0.4-0.6

Coating available time:

Temperature(℃)	5	10	20	25
Mixing(hrs)	2.5	2	1.5	1

Construction conditions: -5℃-40℃, humidity: ≤85%

Substrate temperature: must be greater than the air dew point temperature above 3℃

Construction method:

Airless spraying, air spraying, brushing and roller	
Airless spray (two-component)	(Recommended Use)
Nozzle Size	0.021-0.023
Outlet pressure	100-150kg.cm ³
Dilution ratio	5-15%(Weight)

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

Add.: Room 206, Building 21, LongTeng Xing Cheng, No. 68 LongTeng South Road, DongXiao Town, XinLuo District, LongYan City, FuJian Province, China

Tel.: 86-20-38993165 86-13922763266

Website: <https://www.huisinschem.com>

Cleaning agent / thinner: Polyurea standard thinner

Note: If you use airless spray or brush, roller coating, please consult our engineers before use.

Drying time and coating interval:

Temperature	5	10	20	30
Touch dry	4	3	2	1
Hard dry	24	14	10	8
Overcoating interval	36	20	16	12

The above data are for guidance only. Actual drying time / time interval before coating can be long or short, depending on film thickness, ventilation, humidity, lower paint, preloading requirements and mechanical strength.

Painting matching:

Applicable : polyurea supporting primer, polyurea middle coating, or refer to our recommended package

Surface treatment:

- 1,Rinse with salt water and other water-soluble dirt
- 2,Remove grease with a suitable detergent and degreaser
- 3,Make sure the surface is clean and dry before construction
- 4,Note the distance between the coating and the primer

store:

Storage time: Paint: 1 year Curing agent: 9 months

Storage temperature: 0 °C -40 °C

Packing:

Paint: 15L curing agent: 5L Thinner: 18L

Security measures:

- 1,Avoid contact with skin and eyes
- 2,If the paint comes into contact with the skin, clean it with a suitable cleaning solution. If the paint touches the eyes, apply a lot of water
- 3,Flush and seek medical attention immediately
- 4, Ensure good ventilation
- 5,The paint contains combustible substances. Keep away from sparks and prohibit smoking in adjacent work areas
- 6,The site complies with all health and safety regulations

Statement:

The information contained in this data sheet is based solely on our understanding in the laboratory and in practice. But because the use of the product are usually outside our control, so we only give the product itself quality assurance. We reserve the right to modify this manual without prior notice