

INDUSTRIAL COATINGS

ANTICORROSIVE COATINGS

HJ120 MODIFIED EPOXY PRIMER UNIVERSAL

Properties and usage:

A two-pack, universal primer, based on polyamide cured modified epoxy resin.

- Excellent adhesion to zinc rich primer and galvanized steel after preparing
- Excellent adhesion to steel after abrasive blast-cleaning
- Tough resistance to abrasion and good durability
- Excellent weather and hot water resistant property
- Good compatibility and recoating
- Many purposes primer except special primer

Physical Data:

Color:	Light/deep grey , brown
Gloss:	Semi-gloss
Standard film thickness:	
Wet:	227μm/coat
Dry:	125μm/coat
Theoretical spreading rate:	4.4 m ² /L
Flash point:	24℃
Special gravity:	1.43g/cm ³

Application Data:

Mixing ratio:	base:hardener=24:4.6 (byweight)		
	base:hardener=3:1 (by volume)		
Pot life(20℃) :	8hrs		
Thinner:	Epoxy thinner		
Application method:	Airless spray	Air spray	Brush/roller
Nozzle tip	163T-619/621	2~3mm	
Fluid pressure:	10~15	0.3~0.4	
Thinner quantity:(volume)	0~5%	5~15%	5~15%
Cleaner:	Epoxy thinner		

Dry Time:

Substrate temp	Surface dry	hard dry	Dry to recoat
10℃	8hrs	24hrs	Min:24hrs Max:40days
23℃	4hrs	16hrs	Min:8hrs Max:40days

35℃

2hrs

8hrs

Min:4hrs Max:40days

Surface preparation:

The substrate coated by primer and undercoat must be dry and clean, surface contamination is to be removed by detergents and high pressure fresh water cleaning, when applied on old film-epoxy and polyurethane, the old film should be roughed.

Application conditions:

When applying, the temperature should be in the range of 10-35℃, and relative humidity below 85%. The surface temperature of the substrate should be at least 3℃ above the dew point. Temperature and humidity should be measured in the vicinity of the substrate. coating is forbidden when it is an especially bad day.

Recommended Type of paint system:

Undercoat: HJ100 Epoxy zinc rich primer
HJ302HB Inorganic zinc rich primer
Topcoat: HJ104/HJ104HB High-Build Epoxy Finish
HJ012 Chlor-Rubber Hull paint
HJ500 Fatty Polyurethane Finish
HJ571 Acrylic Finish
HJ129 Epoxy Tie Paint
HJ006 High-Build Chlor-Rubber Iron oxide red Primer

Package: Base 20L (15L, 24kg)
Hardener 5L (5L, 4.6kg)

Storage:

The product should be kept in a cool, well-ventilated and dry place, the storing life is one year

Safety:

Keep away from sparks and open flames, spray under well-ventilated conditions. Wear mask when application, do not breathe mist when spraying. Avoid eye and skin contact, spillage on skin should be removed with suitable cleaner, soap and water immediately. Eyes should be well flushed with water and medical attention immediately.

Disclaimer:

1. follow the applying requirement in this data sheet, for the application affect the life of paints film directly.
2. The information in this data sheet is given to the best of our knowledge based on laboratory testing and it may be modified from time to time in the light of experience and our policy of continuous product development. We reserve the right to change the given data without notice.
3. We are only responsible for the quality of product itself when our technicians are not on the spot.