

UNIVAN HS PRIMER

Oct. '01

UNIVAN HS PRIMER, is a high build type epoxy rust-preventing paint base on a combination of epoxy resin and special curing agent.

It has the following advantages;

1. Excellent rust-preventive property
2. Excellent compatibility with other kind of subsequent paint
3. Excellent adhesion on low grade surface preparation
4. Excellent application workability
5. Excellent physical properties such as toughness, impact and abrasion resistance
6. Excellent chemical resistance to sea water and fresh water

TECHNICAL DATA

Type	:	Epoxy primer, high build				
Recommended Use	:	As a primer for plants, bridges, exterior of oil storage tank, Towers, and other steel structures				
Mixing Ratio	:	Base : Hardener =	85 : 15	(by weight)		
			80 : 20	(by volume)		
Colour	:	White, Grey, others				
Flash Point	:	Base : 19.8 °C,	Hardener : 17 °C			
Volume Solid	:	60 ±2%				
Coverage (Theoretical)	:	8.6 – 4.8	m ² /L	;	152 – 270 g/m ²	
Wet Film Thickness	:	4.7 – 8.3	mils	;	117 – 208 μm	
Dry Film Thickness	:	2.8 – 5.0	mils	;	70 – 125 μm	
Drying Time (at D.F.T. 125μm)	:	Temperature	5°C	10°C	20°C	30°C
		Surface Dry	4 hrs.	3 hrs.	2 hrs.	1 hr.
		Hard Dry	48hrs.	24 hrs.	16 hrs.	10 hrs.
Painting Interval (at D.F.T. 125μm)	:	Min.	48 hrs.	24 hrs.	16 hrs.	10 hrs.
		Max.	30 days	30 days	30 days	30 days
Pot Life	:		12 hrs.	6 hrs.	4 hrs.	2 hrs.
Thinner	:	EPOXY THINNER A				
Method of Application	:	Airless spray, Brush				
Condition for Application	:	Temperature	:	5°C		
		Humidity	:	85 % R.H.		
		For Airless spray ;				
		Tip No.	:	Graco 621,719, 721		
		Spray-gun speed	:	60 – 80 cm/sec.		
		Paint output pressure	:	14.7 – 23.6 MPa		
		Viscosity	:	1.2 – 1.8 Pa·s		
		Thinning	:	0 – 15% by volume		
Preferable Preceding Coats	:	WELBOND, EPICON ZINC RICH PRIMER B-2, etc...				
Preferable Subsequent Coats	:	UNYMARINE, UNYMARINE HS, EPICON FINISH, etc...				
Packing	:	Two pack product				

Remarks ; 1. In case of direct application on steel surface, the grade of ISO Sa 2 is required as surface preparation. In case of application on shop primer coated surface, ISO St 2 –3 is required as surface preparation.