

Product Description	One package waterborne alkyd primer for industrial protective paint curing at room temperature, the film-forming mechanism is oxidation curing so the powerful ventilation status is helpful to accelerate the curing coating. Taking water as dispersion medium, which has the advantages of safety, environmental protection, non-toxic and flame retardant. The coating possesses outstanding adhesion and anti-corrosion to the steel.				
Intended Uses	It is used for fan, axles, chassis, fence, metal or other light industrial areas of metal products.				
Product Information	Color	Grey or iron red			
	Volume Solids	43%			
	Typical Dry Film Thickness	30-50µm			
	Theoretical Coverage	6.99m ² / Kg at 50 microns dry film thickness.			
	Practical Coverage	Allow to appropriate loss factors			
Application Details	Mix ratio	One package			
	Airless Spray	Recommended: Tip range: 0.43-0.53mm. Fluid pressure: 12-15MPa			
	Conventional Spray	Recommended: Tip range: 1.3-1.5mm. Fluid pressure: 0.3-0.4MPa			
	Brush	Recommended for precoating or small area, make sure the dry film thickness satisfied with requirements.			
	Roller	Recommended for small area, make sure the dry film thickness satisfied with requirements.			
	Thinner	Clean water			
	Cleaner	Clean water			
	Pot Life	No limited			
	Drying Time	Substrate Temperature	Touch Dry (hours)	Hard Dry (hours)	Minimum Over Coating Interval (hours)
		5℃	2	48	48
23℃		1	24	24	
35℃		0.5	12	12	
Notice: State of ventilation, temperature, relative humidity, film thickness and other factors will affect the drying and curing time, the above data is based on the well ventilated and determination of relative humidity is less than 75% of the condition.					
Storage and Packing	Storage	Store in cool and dry conditions			
	Storage Life	6 months			
	Pack Size	20 Kg in 20 litre container			
	Specific Gravity	1.23 Kg/L			
Specification and Surface Preparation	Steel surface: Blast clean to ISO 8501:2007 Sa2.5 or rust-removed manually or with power tool to St3, all surfaces should keep clean, dry and free from contamination.				
Systems Compatibility	Subsequent Coat: Alkyd coating, etc., or others according to the customer and by experimental verification of coating systems requirements.				

Safety Precautions for Waterborne Paint

Waterborne coating is low VOC, environment-friendly and nontoxic, there is no combustion and explosion hazards under normal circumstances, so the storage and transportation is safe and convenient.

Enough ventilation is necessary at application site, avoid inhalation of coat mist and skin contact. If paint gets in touch with skin, wash fully with fresh water and soap or appropriate commercial cleaner.

The purpose of the data sheet is to advise you. We can accept no liability for the results obtained during use, due to the variety of applications and the different substrates involved. The publication of the data sheet invalidates all previous data sheets for the product.

OUP[®]