

Product Description	As three packages waterborne epoxy zinc-rich primer, it is using scaly zinc for anti-corrosion pigment and zinc content in the dry film is greater than 80%. The coating possesses strong mechanical properties, good cathodic protection of local damage effect, good water resistance, oil resistance, salt spray resistance. Taking water as dispersion medium which is non-combustible and can be diluted with water and wash painting tools, no pollution, safe and convenient transportation and storage.				
Intended Uses	It is used for mild to severe atmospheric corrosion environment for anti-corrosion on the surface of the steel structure which widely applied in the vessels, container, port machinery, petrochemical, pipe, metallurgy and electric power.				
Product Information	Color	Grey			
	Volume Solids	60%			
	Typical Dry Film Thickness	75µm			
	Theoretical Coverage	2.80 m ² /Kg			
	Practical Coverage	Allow to appropriate loss factors			
Application Details	Mixing	Under stirring conditions, the zinc powder is added to the Part A until evenly mixed, then add hardener, Stirring evenly.			
	Mix ratio	A(binder) : B(hardener) : C(Zinc) = 5 : 3 : 22			
	Airless Spray	Recommended: Tip range: 0.43-0.53mm. Fluid pressure: ≥15.5MPa			
	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	23℃ : 4 hours			
	Drying Time	Substrate Temperature	Touch Dry (minutes)	Hard Dry (hours)	Minimum Over coating Interval (hours)
		23℃	30	12	6
	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	One year			
	Pack Size	A: 5 Kg in 5 litre container B: 3 Kg in 4 litre container C: 22 Kg in 8 litre container			
	Flash Point	2.85 Kg/L			
Specification and Surface Preparation	All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504:2000. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning. Abrasive blast clean to Sa2.5 (ISO 8501-1:2007) or be rust-removed with power tool to St3				
Systems Compatibility	Subsequent coating: epoxy, polyurethane or acrylic resin coating etc.				

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[®]