

<b>Product Description</b>	As two-packages waterborne inorganic zinc-rich shop primer, it is using inorganic silicate as binder, zinc for anti-corrosion paint and possessing excellent water resistance, salt water resistance, oil resistance and solvent resistance, besides, the coating has excellent weldability and fast cutting performance and the thermal resistance is up to 400°C .			
<b>Intended Uses</b>	As a shop primer, it is suited for painting the steel plate especially which is blasted, it can protect the steel structure for a short or middle time during the storage, construction and fabrication It is specially designed for the auto-spray equipment.			
<b>Product Information</b>	Color	Grey		
	Volume Solids	63%		
	Typical Dry Film Thickness	15-20 μm		
	Theoretical Coverage	13.69 m <sup>2</sup> /Kg based on dry film thickness at 20 microns.		
	Practical Coverage	Allow to appropriate loss factors		
<b>Application Details</b>	Mixing	While stirring add the zinc powder into Pack A, and stirring evenly		
	Mix ratio	A(Basic agent):B(Zinc powder) = 2:3 (By weight)		
	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°C : 8 hours		
	Drying Time	Substrate Temperature	Touch Dry (minutes)	Hard Dry (hours)
23°C		3	4	4
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.				
<b>Storage and Packing</b>	Storage	Store in cool and dry conditions		
	Storage Life	One year		
	Pack Size	A: 20 Kg in 20 litre container B: 30 Kg in 20 litre container		
	Flash Point	2.30 Kg/L		
<b>Specification and Surface Preparation</b>	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			
<b>Systems Compatibility</b>	Next Coat: Sealer Paint, Epoxy intermediate paint 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.

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