

Special two-component, moisture-curing, inorganic Zinc primer with excellent durability, abrasion resistance and anti-corrosive properties.

USES AND SUITABALE TOP-COATS									
Recommended Uses	Primer or single coating system as a heat-resistant and durable protective coating system for steel structures, pipelines, piles and other ferrous surfaces.								
Suitable Top-Coats	Pure Silicone-based coatings, epoxy coatings and polyurethane systems.								
CHEMICAL COMPOS	ITION								
Type of Binder	Ethyl Silicate				Solid Content After Mixing			86.5 ± 1% By Weight	
Number of Component(s)	2 Components						-	59 ± 2% By Volume	
Curing Mechanism	Chemical Reaction								
Main Pigment(s)	Pure Metallic Zinc Powder						Flash Point	38°C (100°F)	
PHYSICAL PROPERTIES									
Finish	Matt								
Colour	Grey								
Specific Gravity after Mixing	2.60 ± 0.05 gr/cm ³								
Heat Resistance	Continuous Service: Max. 420°C								
APPLICATION DETA	ILS								
Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Sandblast according to Swedish Standard(SIS 5900). Sa 3 is recommended.								
Mixing Ratio	Component A: 25 Parts by weight Component B: 75 Parts by weight								
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes.to								
	obtain a soft and uniform paste then add 2-5% T-767. Do not thin down A- component separately.								
Pot Life	4 Hours at 25°C								
Theoretical Consumption	330 gr/m ² @ 75 Microns DFT								
Paint Application	Methods Nozzle Size Pump Ratio		Airless Spray			Air Spray	Brush	Roller	
			0.011" – 0.015"			1.80 mm			
			1 / 45			 3 _ 5 Bar			
	Thinning		2 – 5% T-767		5	5 – 8% T-767			
Film Thickness	g	Recommende			Minin	num	Maximum		
	Wet Film Thickness (um)		130		85		5	170	
	Dry Film Thicknes	Dry Film Thickness (µm)		75		50)	100	
Drying Time	Dust Free Time	Tack Fr	ee Time		Fully Cured		Recoating Interval		
				After application, this coating		if curing test is successfully passed recoating time.At least 24 hours. Prior to recoating, it is necessary to apply a curing test according to ASTM Test			
	45 00 10 1	- 60 Minutes 1 – 2 Hours need			needs to absorb plenty of moisture to complete its				
	45 – 60 Minutes								
	conditions, it takes 24-48					es 24-48 hours.	. Method D-4752.		
*Drying time calculated at 25°C according to ASTM test method D-1640 for 100 μm WFT									
Application Limits Relative Humidity Min. 65% Max. 95%									
	Temperature			Min. +10°C			Max. +40°C		
	Substrate Temperature*			Min. +10°C			Max. +45°C		
Recommendations	Clean tools thorou	ighly befo	re and im	mediately af	fter us	e with cleaning so	lvent T-111 or T-76	57.	
_PACKING, STORAGE	AND SAFETY								
Packing	Component A (Ethyl Silicate): 5 Litres (4 kgs. Net) Component B (Zinc Powder): 10 Litres (12 kgs. Net).								
Storage Conditions	To be stored in cool and dry conditions within a temperature range of +5°C minimum and +30°C maximum in original sealed containers. Keep away from freezing Temperatures.								
Shelf Life	At least 6 months after deliveryin original sealed containers and proper storage conditions with temperature of 25°C.								
Safety	This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and equipments,direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.								

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