



TECHNICAL DATA SHEET

AMBER ZINC PHOSPHATE QUICK DRYING PRIMER

PRODUCT DESCRIPTION	A Quick Drying Alkyd based anti-corrosive Primer pigmented with zinc phosphate. Dry film is tough, hard and has moderate chemical resistance, with excellent adhesion, can be overcoated with Amber alkyd systems. It does not contain chromates.
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RECOMMENDED USES	Quick drying anti-corrosive primer for structural steel, tanks and pipelines in moderately corrosive atmosphere. It is suitable for the interior and exterior applications as part of the alkyd systems.
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TECHNICAL DATA

COLOUR, DRY FILM	Grey
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	55 ± 2%
SPECIFIC GRAVITY	1.55 ± 0.05
THEORETICAL SPREADING	13.8 – 11.0 M2 /LTR
RECOMMENDED DFT (DRY FILM)	40 – 50 Microns/Coat
RECOMMENDED WFT (WET FILM)	75 – 92 Microns/Coat
FLASH POINT	25°C
FLEXIBILITY	Good

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	5 – 10 minutes
DRY TO RECOAT/OVER COAT	10 hours
HARD DRY	12 hours



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ADVANTAGES

AMBER ZINC PHOSPHATE QUICK DRYING PRIMER	Quick drying single component primer. Contains no chromates. The dry film is tough, hard and can be overcoated with Amber Alkyd based system, excellent adhesion on properly cleaned steel surfaces.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	<p><u>New Steel:</u> All surfaces to be coated should be clean, dry and free from any contamination. Oil and grease should be removed by solvent cleaning as per SSPC-SP1. Abrasive blast cleaning to Sa 2.5 or mechanical cleaning using hand/power tool to minimum of St 2 standard should be done.</p> <p><u>Repair/Maintenance:</u> Existing paints system should be dry and free from salt and other contaminants. Corroded and/or damaged areas should be blast cleaned to Sa 2 or power tool cleaned to St 3.</p>
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APPLICATION DATA

APPLICATION METHOD	Conventional Spray	Brush
CLEANING/THINNING	Amber Q.D. Thinner	
THINNER (VOLUME)	5 – 10%	5%
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi	
AIRLESS SPRAY REQUIREMENTS	Not applicable	
NOZZLE SIZE	Not applicable	
MIXING RATIO (BY VOLUME)	Not applicable	
POT LIFE @ 30°C (100 ml)	Not applicable	

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	No. of Coats x DFT (Microns)	
	Amber Zinc Phosphate Quick Drying Primer	1 x 40
	Amber Synthetic Enamel Gloss I (OR)	2 x 35
	Amber Synthetic Enamel Gloss II (OR)	2 x 35
	Amber Industrial Quick Drying Enamel	2 x 35



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ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable airmask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This as industrial product, contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.
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STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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