



TECHNICAL DATA SHEET

AMBER INDUSTRIAL QUICK DRYING ENAMEL

PRODUCT DESCRIPTION	A quick drying enamel based on a special modified alkyd. It gives a tough, flexible and high gloss finish with excellent leveling. The dried film withstands abrasion, scratch and impact resistances. It can be applied by dip application also.
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RECOMMENDED USES	Protective coating for structural steel, pipes, scaffolding, drums, vehicles, industrial and agricultural machineries. Most suitable for production line jobs for fast production. It is suitable for interior/exterior surfaces as a part of alkyd systems.
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TECHNICAL DATA

COLOUR, DRY FILM	As per Amber Shade Card
FINISH, DRY FILM	Glossy / Semi glossy / Matt
VOLUME SOLIDS (ASTM D2697)	50 ± 2%
SPECIFIC GRAVITY	1.12 ± 0.05
THEORETICAL SPREADING	16.6 – 12.5 M2 /LTR
RECOMMENDED DFT (DRY FILM)	30 – 40 Microns/Coat
RECOMMENDED WFT (WET FILM)	60 – 80 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	4 – 6 hours
FULL CURED	10 – 12 hours



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ADVANTAGES

AMBER INDUSTRIAL QUICK DRYING ENAMEL	Quick drying enamel, gives tough, flexible and high gloss finish with excellent leveling. Dried film has good abrasion, scratch and impact resistances, suitable for dipping application.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	It can be applied directly over intermediate coat or primed substrate. Galvanized steel, aluminium and other light metal alloys should be etched or wash-primed before primer and undercoat application
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APPLICATION DATA

APPLICATION METHOD	Airless Spray	Conventional Spray	Brush	Dipping
THINNING	Amber Q.D. Thinner			
THINNER (VOLUME)	5 – 10%	10 – 15%	10%	1:1
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi			
AIRLESS SPRAY REQUIREMENTS	2200 psi			
NOZZLE SIZE	0.015” – 0.020”			
MIXING RATIO (BY VOLUME)	Not applicable			
POT LIFE @ 30°c (100 ml)	Not Applicable			

SYSTEM

RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)	
	Amber Red Oxide Primer	1 x 40
	Amber Industrial Quick Drying Enamel	1 x 40
To be applied on prepared surface.		



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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 mask 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 mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This 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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