



Plot No. 12, Paradise I Park, Nr. Claris Pharma, Sarkhej Bavla Road, Chacharawadi - Vasna Taluka - Sanand, Dist. Ahmedabad  
Mob : (0) 7666702189 • E-mail : entp.phoenix@gmail.com • Website : www.phoenixentp.in

## RAINBOW SYNTHETIC ENAMEL GLOSS

### PRODUCT DESCRIPTION

It is a fast drying synthetic enamel paint based on modified high quality alkyd resin for protection to interior/exterior surfaces applications. It dries to give a tough, flexible and high gloss finish with very good adhesion and durability. It is resistant to cracks and withstands abrasion.

### RECOMMENDED USES

It is recommended as a fast drying protective coating for interior/exterior surfaces like metal, wood, etc. It is also suitable for painting heavy equipments, vehicle repaint, super structures, cranes, bridges, pipeline etc. in mild industrial environments. It has an excellent opacity and hides minor surface imperfections. It is used for only air-drying purpose.

### TECHNICAL DATA

COLOUR, DRY FILM	As per PHOENIX shade card
FINISH, DRY FILM	Smooth / Glossy (Semi Gloss/Matt also available)
VOLUME SOLIDS (ASTM D2697)	50 ± 2%
SPECIFIC GRAVITY	1.10 ± 0.05 (White & pastel shades)
THEORETICAL SPREADING RANGE	16.5 – 12.5 M <sup>2</sup> /LTR
RECOMMENDED DFT RANGE (DRY FILM THICKNESS)	30 – 40 Microns/Coat
RECOMMENDED WFT RANGE (WET FILM THICKNESS)	60 – 80 Microns/Coat
FLASH POINT	28°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	2 – 3 hours
*DRY TO RECOAT/OVER COAT	8 – 10 hours
HARD DRY	24 hours

\*With same generic type paint.

### ADVANTAGES

RAINBOW SYNTHETIC ENAMEL GLOSS	High gloss, resistant to cracks and withstands abrasions, very good washability for easy cleaning, tough and flexible film, very good adhesion and durability, excellent opacity, fast drying.
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### **APPLICATION INSTRUCTION**

<b>SURFACE PREPARATION</b>	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**

<b>APPLICATION METHOD</b>	Brush, Roller, Spray etc.
<b>CLEANING/THINNING</b>	ANY GOOD GP Thinner
<b>THINNER (VOLUME)</b>	5-10% depends on method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing pressure: 50 psi
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2000 – 2200 psi
<b>NOZZLE SIZE</b>	0.018” – 0.020”
<b>MIXING RATIO (BY VOLUME)</b>	One pack
<b>POT LIFE @ 30°C (100 ml)</b>	Not applicable

### **SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface. (For non-ferrous metal surfaces use suitable primer, prior to topcoat application.)	No. of coats X DFT (micron)	
	<u>For Metal Surface (Ferrous)</u>	
	RAINBOW Red Oxide Primer	: 1 x 40
	RAINBOW Synthetic Undercoat	: 1 x 40
	RAINBOW Synthetic Enamel Gloss II	: 2 x 40

### **ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
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### **HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	<p>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.</p> <p>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.</p>
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### **STORAGE & HANDLING**

<b>STORAGE</b>	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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**NOTE:** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests.  
We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.