

# B & R PRODUCTS (PTY) LTD

*Supreme Paint Suppliers (Pty) Ltd*

Reg. No. 80/09849/07

**Manufacturers and Distributors of Top Quality Paints and Solvents**

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## PRODUCT DATA SHEET Q.D. ENAMEL

<b><u>PRODUCT NAME:</u></b>	QUICK DRYING ENAMEL
<b><u>PRODUCT BRAND:</u></b>	SUPREME
<b><u>FINISH:</u></b>	FULL GLOSS
<b><u>COLOURS:</u></b>	BLACK, WHITE, SILVER AND VARIOUS COLOURS
<b><u>VEHICLE TYPE:</u></b>	STYRENATED ALKYD
<b><u>PIGMENT TYPE:</u></b>	INORGANIC, IRON OXIDES, CHROMATES AND ORGANIC PHTHALOCYANINES
<b><u>SOLVENT TYPE:</u></b>	AROMATIC HYDROCARBONS
<b><u>FLASH POINT MIN:</u></b>	22°C
<b><u>SPECIFIC GRAVITY:</u></b>	0.90 – 1.05 AT 25°C
<b><u>SOLIDS:</u></b>	APPROX. 32-37% BY MASS; 23-27% BY VOLUME
<b><u>VISCOSITY AT 25°C:</u></b>	1'25"±10" FORD CUP NO. 4
<b><u>DRYING TIME:</u></b>	<b><u>SURFACE:</u></b> 10 – 15 MINUTES
	<b><u>HARD:</u></b> 2 – 4 HOURS
<b><u>APPLICATION METHOD:</u></b>	SPRAY OR DIP
<b><u>APPLICATION VISCOSITY:</u></b>	CONVENTIONAL SPRAY: 18 – 20" FC4
<b><u>RECOMMENDED THINNER:</u></b>	Q.D ENAMEL THINNERS
<b><u>FINENESS OF GRIND:</u></b>	10-12 MICRONS
<b><u>GLOSS:</u></b>	85% ON 60°
<b><u>HEAT RESISTANCE:</u></b>	150-180° C
<b><u>COVERAGE AT DFT 40 MICRONS:</u></b>	5 SQUARE METRES PER LITRE
<b><u>RECOMMENDED DRY FILM THICKNESS:</u></b>	40 MICRONS
<b><u>DATE OF EXPIRY:</u></b>	12 MONTHS IN UNUSED SEALED TINS

### **DESCRIPTION & GENERAL USE:**

A quick drying general purpose full gloss industrial enamel based on a modified styrenated air drying alkyd for use on pre-primed steel or alloys. All surfaces must be clean and dry.

Colour fading will appear after 3 – 4 years depending on exposure to UV. The life of QD can be extended by adding anti-corrosive pigment

All equipment must be cleaned immediately after use with thinners.

QD Enamel continued/...

### **APPLICATION DETAILS**

MIXING: Stir well before use.  
METHOD: Dip or spray.  
THINNING: Q.D. Enamel Thinners  
CLEANING: Q.D. Enamel Thinners  
CONDITIONS: Temperature between 5°C and 40°C. Relative humidity of less than 85%,  
RECOATING TIME: 24 hours  
REQUIREMENTS: 2 coats

### **SURFACE PREPARATION**

Surfaces must be clean and dry before painting.

NEW WORK: Degrease, clean and apply one coat QD Primer (Red oxide or Zinc Phosphate).

REDECORATING: Abrade lightly and recoat.

NB: Check compatibility of coating with previous coats before redecorating.

### **LIMITATIONS**

1. Thick coatings take longer to through dry and thus to overcoat.
2. Wrinkling can occur if sufficient through drying had not occurred.
3. Adhesion failure results on poorly prepared surfaces.

### **FEATURES**

1. Rapid Drying – can be accelerated with heat.
2. Good adhesion.
3. Good recoatability after 24 hours.
4. Good colour and gloss retention.

SHELF LIFE: 6 – 12 months in a sealed tin/drum  
STORAGE: Store away from direct heat, sun and severe cold.  
PACKAGING: 1, 5, 20 and 25 litre tins. 200 litre steel drums

DISCLAIMER: The recommendation contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on result gained from our experience and tests and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application, and cleanliness of the substrate prior to painting are beyond our control.