

## DURALINE QUICK DRY ENAMEL

## DI005

<b>PRODUCT CODE:</b>	QD Enamel Black : Qdbla (01) (05) (20) (200) QD Enamel Clear : QDCLE (01) (05) (20) (200) QD Enamel Golden Yellow : QDgyel (01) (05) (20) (200) QD Moolman Green : QDMOOLGRE (05) QD Moolman Yellow : QDMOOLYEL (05) (20) QD White : Qdwhi (01) (05) (20) (200) QD Enamel (All Colours) : QDCLE_bulk (01) (05) (20) (200)
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**PRODUCT DESCRIPTION:** Quick-dry enamel is an economical, high-gloss coating designed for Industrial applications. (Alternative water-based range of products available from Dura Paints. See [www.durapaints.co.za](http://www.durapaints.co.za) - H<sub>2</sub>hydrO Range)

**INTENDED USES:** Industrial coating for mild steel, reconditioning of drums, scaffolding. Industrial coating for use with conventional or airless spraying equipment.

- FEATURES:**
- Quick-dry, high gloss, excellent flow.
  - Good adhesion to clean steel
  - Coating can be handled in 15-20 minutes (depending on ambient temperature)
  - Drying is by solvent evaporation
  - Single pack

**PRODUCT INFORMATION:**

• APPEARANCE	High Gloss
• COLOUR	To customer specification
• VOLUME SOLIDS	28% (varies with colour)
• S G @ 25°C	0.87 – 0.92 (Varies with colour)
• RECOMMENDED DFT	Min: 20 µm / Max: 35 µm (per coat)
• VISCOSITY @ 25°C	65 to 85 KU (depending on colour)
• THEORETICAL SPREADING RATE	6 - 8 M <sup>2</sup> / l @ 35µm DFT, varies depending on colour
• FLASH POINT	<23°C

- APPLICATION DETAILS:**
- MIXING Stir thoroughly with a flat paddle until homogeneous. Do not shake as this may cause air bubbles.
  - SUBSTRATE Well prepared and primed mild steel surfaces.
  - METHOD Conventional or airless spraying equipment – Brushing is not recommended.
  - CLEANING Dura QD thinners,
  - THINNING RATIO Up to 10% depending on application equipment.
  - APPLICATION ENVIRONMENT

Surface Temp	Ambient Temp	Relative Humidity
Min 10°C or 2°C above dew point	Min 10°C or 2°C above dew point	Min: 0
Max.: 40°C	Max.: 40°C	Max.: 85%

- Do not apply when ambient temperature is below 10 °C or during inclement weather.
- DRYING TIME
 

Surface dry:	15 minutes @ 25°C
Hard dry	3 Hours @ 25°C

- STORAGE AND PACKAGING:**
- Store in approved Fire Store.
  - Store away from direct sun, heat and severe cold
  - 6 months if stored correctly in original unopened tins.
  - Single pack. 1lt, 5lt, 20lt & 200lt

## DURALINE QUICK DRY ENAMEL (contd.)

### TRANSPORTATION:

This product is classifiable in accordance with transportation and classification of dangerous goods act (1996). Flammable.

**SHIPPING NAME:** Paint  
**PACKAGING GROUP:** III  
**HAZARD CLASS:** 3  
**S.I./UN NUMBER:** 1263

### SURFACE PREPARATION:

- Surface must be clean, dry and free from any grease/oil or dust.
- Thinning Ratio: Up to 10% Dura QD Thinners, depending on application equipment.
- Prime with **DURA PAINTS ZINC PHOSPHATE PRIMER** or **DURA PAINTS ETCH PRIMER**.

#### Mild Steel:

- Degrease with **ProLong Grease Devil** and rinse thoroughly with fresh water. Sand off rust with coarse emery paper or mechanical grinding.
- Prime with **Dura Paints Zinc Phosphate Primer (ZPP)**, **Dura Paints General Purpose (GP) Primer** or **Dura Paints Etch Primer**.

#### Galvanized steel:

- Clean with **ProLong ProDegrease** or **Mascon** to obtain a water break-free surface and rinse with clean water.
- Prime with **Dura Paints Etch Primer**.

#### Previously painted surfaces in good condition:

- Remove loose and flaking paint down to a sound substrate and a firm edge by scraping and lightly sanding existing paint to ensure good adhesion.
- Spot prime bare areas with **Dura Paints Zinc Phosphate Primer (ZPP)**, **Dura Paints General Purpose (GP) Primer** or **Dura Paints Etch Primer**.

#### Previously painted surfaces in poor condition (e.g. extensive peeling):

- Completely remove paint by most appropriate means e.g. scraping, coarse sanding, or preferably sandblasting.

### APPLICATION:

- Stir thoroughly with a flat paddle until homogeneous.
- Conventional or Airless spray method is recommended.
- Thinning ratio – up to 10% Dura QD thinners, depending on application equipment.
- Dura Qd or Lacquer thinners must be used for cleaning equipment.
- Well cleaned and primed steel substrate is required.
- Apply one coat or two coats.
- Do not apply during inclement weather or if temperature is below 10°C. Application under these conditions may result in poor adhesion, blistering, loss of gloss, streaking, white spots and prolonged drying times.

### CAUTIONS:

- Avoid painting during inclement weather or if temperature is below 10°C.
- Drying times increase as ambient temperature falls below 25 °C.
- Brush application not recommended.
- Not recommended for acid or alkaline conditions

### SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information. See [www.durapaints.co.za](http://www.durapaints.co.za).

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## DURALINE QUICK DRY ENAMEL (contd.)

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### DISCLAIMER:

- *The recommendations contained herein are given in good faith and are meant to guide the specifier or the user.*
- *They are based on results gained from our experiences 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.*
- *Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used. See [www.durapaints.co.za](http://www.durapaints.co.za).*