



DURA INDUSTRIAL QD BRIGHT ALUMINIUM

TECHNICAL DATA SHEET NO : DI003
 DATE : 18 March 2010

PRODUCT CODE: Bright Aluminium QDALURFU200

PRODUCT DESCRIPTION:

- A fast drying high gloss aluminium coating for use on suitably primed metal surfaces.

INTENDED USES:

- Ideally formulated for dipping of fence posts, pallaside fencing and similar applications.

FEATURES:

- A fast drying, high gloss and cost effective coating for dipping applications.

PRODUCT INFORMATION :

- *APPEARANCE* High gloss
- *COLOUR* Bright Aluminium
- *SOLIDS* Approx. 35 % by mass; 30% by volume
- *SG @ 25°C* 0.9 to 0.95g /cm² (Typical)
- *RECOMMENDED DFT* MIN.: 25µm MAX.: 50µm
- *THEORETICAL SPREADING RATE* 8 - 9m² / L @ 35µm DFT
- *PRACTICAL SPREADING RATE* Please apply appropriate correction factors
- *VISCOSITY @ 25°C (WHITE)* 11 - 14 Seconds FC4
- *FLASH POINT* < 38°C

APPLICATION DETAILS :

- *MIXING* Stir thoroughly with a flat paddle until homogeneous
- *METHOD* Dipping or Airless spray
- *THINNING* Dilution is not recommended.
- *CLEANING* Dura Qd or Lacquer thinners
- *SUBSTRATE* Well cleaned, primed steel.

• <i>APPLICATION ENVIRONMENT</i>	<u>SURFACE TEMP</u>	<u>AMBIENT TEMP</u>	<u>RELATIVE HUMIDITY</u>
	MIN.: 10°C OR 2°C MIN ABOVE DEW POINT	MIN.: 10°C	MIN.: -
	MAX.: 40°C	MAX.: 40°C	MAX.: 85%

- *DRYING TIME* 50µm
 Touch dry 10 Min @ 25°C
 Dry to handle 1 Hours @ 25°C
 Re-coating 1 Hours @ 25°C

STORAGE AND PACKAGING:

- Store away from direct sun, heat and severe cold
- Packaging 200lt Drums only

TRANSPORTATION: Refer to MSDS on www.durapaints.co.za

DURA INDUSTRIAL QD BRIGHT ALUMINIUM (contd)

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SURFACE PREPARATION:

- Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.
 1. Prime with **DURA PAINTS Zinc Phosphate Primer or DURA PAINTS Etch primer.**
 2. **Previously painted surfaces in good condition:**
Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and lightly sand existing paint to ensure good adhesion. Spot prime bare areas with **DURA PAINTS Zinc Phosphate Primer or DURA PAINTS Etch primer.**
 3. **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.
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RECOMMENDED PRIMER:

- Mild steel: **DURA PAINTS Zinc Phosphate Primer or DURA PAINTS Etch primer**
 - Galvanised steel: **DURA PAINTS Etch primer**
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APPLICATION:

- Apply one coat (further coats may result in a drop in brilliance). Dipping is recommended.
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CAUTIONS:

- Avoid painting during inclement weather or if temperature is below 10°C.
 - For optimum performance a practical recommended spreading rate of 6 m² / l should not be exceeded.
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SAFETY PRECAUTIONS:

- Keep out of reach of children.
 - Ensure good ventilation during application and drying.
 - In case of skin contact, remove immediately. 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.
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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.