

QUICK DRYING ENAMEL RANGE

PRODUCT CODE: QDE RANGE

TECHNICAL DATA SHEET

Product Description	Quick drying economical industrial enamels.													
Intended Uses	For mild steel, reconditioning of drums, scaffolding.													
Features & Benefits	<ul style="list-style-type: none"> Economical industrial enamel with a gloss finish. Good adhesion to mild steel. Quick drying - touch dry in less than 30 minutes. 													
Product Information	Appearance	Gloss												
	Colours	Black (QDE 102), New white gloss (QDE 1010)												
	Tinting	Colours may be tinted by inter-mixing the QDE range products												
	Generic type	Modified alkyd												
	Solvent type	Hydrocarbon blend												
	Solids	Approx. 25 % by mass (typical for White); 17 % by volume												
	S G at 23 °C	0,99 (typical)												
	Viscosity at 23 °C	60 - 85 seconds Ford Cup No. 4 (for QDE 102) 100-120 seconds Ford Cup no 4 (for QDE 1010)												
	Recommended DFT	Min: 20 µm Max: 30 µm (per coat)												
	Theoretical spreading rate	6,8 m ² /L at 25 µm DFT. This serves as a guide only.												
	Flash Point	< 23 °C												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Conventional spray												
	Thinning	Thin to spray viscosity 16 – 20 seconds Ford Cup No. 4 at 23 °C with PLASCON FAST DRYING SOLVENT (PYY 1) , ENAMEL THINNER (TH 77) or UNIVERSAL REDUCER (PUR 1) .												
	Cleaning	PLASCON FAST DRYING SOLVENT (PYY 1) , ENAMEL THINNER (TH 77) , UNIVERSAL REDUCER (PUR 1) or NO 40 LACQUER THINNERS (ILS 1) .												
	Drying time	Touch dry: 15 min @t 23 °C Overcoating: 1 h @ 23 °C Dry to handle: 2 h @ 23 °C												
	Application Environment	<table border="1"> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> <tr> <td>Min.: 10 °C</td><td>Min.: 10 °C</td><td>Min: 10%</td></tr> <tr> <td colspan="2">Or 3 °C min. above dew point</td><td></td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85 %</td></tr> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 10 °C	Min.: 10 °C	Min: 10%	Or 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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Max: 40 °C	Max: 40 °C	Max: 85 %												
Storage & Packaging	Store away from direct sun, heat and severe cold.													
	Packaging: 5 L, 25 L													

QUICK DRYING ENAMEL SERIES

PRODUCT CODE: QDE Range

Surface Preparation

All surfaces must be clean, dry and free from dust, dirt, oil, grease or any other contaminants.

MILD STEEL:

Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)** and rinse thoroughly with fresh water. Sand off rust with coarse emery paper or by mechanical grinding. Prime with **LC ETCH PRIMER (SN 152)**, **COASTCOTE ETCH PRIMER (SNK SERIES)**, or **HS ZINC PHOSPHATE ALKYD PRIMER (QDP 2 & 3)**

GALVANISED STEEL:

Clean with **METALCARE GALVANISED IRON CLEANER (GIC 1)** to obtain a water break-free surface and rinse with clean water. Prime with **LC ETCH PRIMER Series (SN 152)** or **COASTCOTE ETCH PRIMER (SNK SERIES)**.

Application

- Thin as recommended and apply to achieve the required DFT.
- **NOTE:** Bright clear transparent colours may require additional coats.

Safety Precautions

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Safety Data Sheet for complete information.

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 tests and experiences 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.

NB: 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.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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