

DIRECT TO METAL INDUSTRIAL ENAMEL

PRODUCT CODE: LPG 8

TECHNICAL DATA SHEET

Product Description	High quality, fast drying high gloss industrial enamel.													
Intended Uses	Ideal for gas cylinders, pumps, motors, plant machinery and blasted steel.													
Features & Benefits	<ul style="list-style-type: none"> • Quick Drying • Good Gloss • Good adhesion • Provides corrosion protection 													
Product Information	<p>Appearance</p> <p>Colours</p> <p>Generic Type</p> <p>Solvent Type</p> <p>S G at 23 °C</p> <p>Volume Solids</p> <p>Mass Solids</p> <p>Flash point</p> <p>Recommended WFT</p> <p>Recommended DFT</p> <p>Theoretical spreading rate</p> <p>Supply Viscosity (23°C)</p> <p>TVOC</p>	<p>Gloss</p> <p>Green (LPG 8)</p> <p>Modified Alkyd</p> <p>Hydrocarbon Blend</p> <p>0.9 - 1.0 kg/ℓ (typical)</p> <p>36%</p> <p>44%</p> <p>≤ 23 °C</p> <p>Min: 110 µm, Max: 167 µm per coat</p> <p>Min: 40 µm, Max: 60 µm per coat</p> <p>7.2 m²/L @ 50 µm DFT at stated volume solids</p> <p>100-110 seconds</p> <p>550 g/L</p>												
Application Details	<p>Mixing</p> <p>Substrates</p> <p>Method</p> <p>Thinning</p> <p>Cleaning</p> <p>Drying Times @ 23°C</p> <p>Application Environment</p>	<p>Stir thoroughly with a flat paddle until homogenous</p> <p>Thoroughly cleaned blasted steel and primed mild steel</p> <p>Conventional Spray: Suitable nozzle orifice 1.0-1.5 mm. Recommended nozzle pressure 40-60 psi</p> <p>Thin to spray viscosity 18-22 s Ford Cup 4 @ 23°C with (TH 77)</p> <p>No.40 Lacquer thinner (ILS 1)</p> <p>Touch Dry : 20 minutes</p> <p>Hard Dry : 1 hour</p> <p>Recoating : 2 hours minimum</p> <table border="1"> <thead> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity (%)</th></tr> </thead> <tbody> <tr> <td>Min: 10°C</td><td>Min: 10°C</td><td>Min: 10</td></tr> <tr> <td colspan="3">Or 3 °C above dew point</td></tr> <tr> <td>Max: 35°C</td><td>Max: 35°C</td><td>Max: 85</td></tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity (%)	Min: 10°C	Min: 10°C	Min: 10	Or 3 °C above dew point			Max: 35°C	Max: 35°C	Max: 85
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Surface Preparation	<p>All steel surfaces must be thoroughly clean and dry prior to coating.</p> <p>Remove oil, grease, dirt and other contaminants with PLASCON AQUASOLV DEGREASER (GR 1).</p> <p>Rinse thoroughly with water and allow to dry.</p>													

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Safety Precautions

- Keep out of reach of children.
 - Ensure good ventilation during application and drying
 - In case of skin contact, clean and get immediate medical attention. Take care to avoid contact with eyes.
 - Harmful if swallowed. Do not induce vomiting. Seek medical attention.
 - Material is flammable and should be stored in a cool dry place away from heat and sparks.
 - Refer to Safety Data Sheet for complete information.
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DISCLAIMER:

The recommendations contained herein are given in all 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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