



**Barloworld**  
Plascon South Africa

## GLATEX 8 METAL PRIMER

**TECHNICAL DATA SHEET NO.: U-3-F**

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**PRODUCT CODE: PL 3**

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

<b>Product Description</b>	<ul style="list-style-type: none"> <li>A two pack epoxy polyamide primer for metal surfaces.</li> </ul>		
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Used as an anticorrosive primer for <b>GLATEX 8 POLYURETHANE ENAMEL (PL-RANGE)</b> on mild steel and as adhesion primer on non-ferrous metals.</li> </ul>		
<b>Features</b>	<ul style="list-style-type: none"> <li>A fast drying primer with good adhesion to metal surfaces.</li> <li>The <b>GLATEX 8</b> system is a high quality durable system used on boats, chemical plants, food factories, etc.</li> </ul>		
<b>Product Information</b>	Appearance	Semi matt	
	Colour	Pale yellow	
	Generic type	Epoxy polyamide	
	Solids	Approx. 41,3 % by volume	
	S G at 23°C	1,35 kg/ℓ (mixed) (typical)	
	Recommended DFT	Min.: 30 µm	Max.: 40 µm
	Theoretical spreading rate	13.7 m <sup>2</sup> / ℓ at 30 µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	65 KU (typical)	
	Flash Point	>25 °C	
	Pot life	6 h min. at 23 °C	
<b>Application Details</b>	Substrate	Well prepared mild steel, galvanised steel and aluminium. (See <b>Surface Preparation</b> ).	
	Mixing	Stir base with a flat paddle until homogeneous. Then empty the entire content of the hardener container into the base container and stir until thoroughly mixed. Mix in ratio as supplied, <b>3 BASE: 1 HARDENER (KAT 513)</b> by volume.	
	Method	Brush or spray.	
	Thinner	<b>G.P. EPOXY REDUCER (EPT 1)</b> – Thinning not normally required for brush application. For spraying, thin with minimum amount of thinner to achieve optimum atomisation.	
	Cleaning	<b>G.P. EPOXY REDUCER (EPT 1).</b>	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 5 °C
		Max.: 40 °C	Max.: 35 °C
		Relative Humidity	
		Min.: - or 2 °C min. above dew point	
		Max.: 85 %	
	Drying time	Touch dry	1 h min at 23 °C
		Recoating	Min.: 8 h at 23 °C
			Max.: 48 h at 23 °C – If this time is exceeded, ensure that surface is thoroughly clean and then abrade with 220 grit paper to provide a key before recoating
		Dry to handle	24 h at 23 °C
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold.		
	Packaging: 500 m ℓ and 1ℓ		

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<b>Surface Preparation</b>	<p>All surfaces must be clean, dry, free from oil, grease or any other contaminants.</p> <ul style="list-style-type: none"> <li> <b>MILD STEEL</b>  All surfaces to be painted should be thoroughly degreased using <b>AQUASOLV DEGREASER (GR 1)</b> followed by fresh water rinses. Abrasive blast clean to Grade Sa 2 ½ of the ISO 8501-1:1988 with a blast profile not exceeding 50 µm, or prepare steel mechanically so that the surface has a pronounced metallic sheen (Grade St3). Note that mechanical cleaning is not as effective as abrasive blasting and results in a shorter maintenance-free life. Prime with <b>GLATEX 8 METAL PRIMER (PL 3)</b>. </li> <li> <b>GALVANISED STEEL</b>  Clean with <b>GALVANISED IRON CLEANER (GIC 1)</b> to achieve water break-free surface and rinse thoroughly with water. Abrade lightly with 400 grit paper and dust down before priming with <b>GLATEX 8 METAL PRIMER (PL 3)</b>. </li> <li> <b>ALUMINIUM</b>  Degrease with <b>AQUASOLV DEGREASER (GR 1)</b> and rinse thoroughly with water. Abrade with 220 grit paper to provide a key and dust down. Then prime with <b>GLATEX 8 METAL PRIMER (PL 3)</b>. </li> <li> <b>N.B.</b> - Overcoat with <b>GLATEX 8 UNDERCOAT (PL 2)</b> and <b>GLATEX 8 POLYURETHANE ENAMEL (PL colour range)</b>. </li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>Suitable as supplied for application by brush. Thin as recommended for spray application.</li> </ul>
<b>Cautions</b>	<ul style="list-style-type: none"> <li>Ensure that recommended mixing ratio is adhered to.</li> <li>Discard any mixed material left over from the previous day.</li> <li>Use only the recommended thinner.</li> <li>Keep equipment free of water at all times.</li> <li>Keep containers tightly sealed when not in use.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>Flammable - Keep away from source of ignition, flames, sparks and heat.</li> <li>Use only in well ventilated environments.</li> <li>Do not smoke during use.</li> <li>Keep out of reach of children.</li> <li>Refer to Material Safety Data Sheet for complete information.</li> </ul>
<b>Transportation</b>	<p>This product is non - classifiable in accordance with Transportation and Classification of Dangerous Goods Act (1996).</p>

### **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.

**N.B.:** 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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