



**Barloworld**  
Plascon South Africa

## PROFESSIONAL SUPER GLOSS ENAMEL

**TECHNICAL DATA SHEET NO.: A-56-G**  
**DATE: OCTOBER 2004**

**PRODUCT CODE: PSB 1000**

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

<b>Product Description</b>	A high quality alkyd based high gloss enamel.		
<b>Intended Uses</b>	<ul style="list-style-type: none"><li>Used as a decorative and protective finish on interior and exterior mild steel, galvanised steel, timber and masonry.</li><li>Suitable for inland and coastal environments.</li></ul>		
<b>Features</b>	<ul style="list-style-type: none"><li>Dries to a tough durable finish with good weather resistance.</li><li>Provides a smooth high gloss finish.</li></ul>		
<b>Product Information</b>	Appearance	High gloss	
	Colours	White and a range of <b>COLOUR EXPRESSIONS</b> tints.	
	Solids	Approx. 63 % by mass; 48 % by volume	
	Recommended DFT	Min.: 25 µm	Max.: 35 µm
	Theoretical spreading rate	16 m <sup>2</sup> /ℓ at 30 µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	68 - 72 KU (typical)	
	S G at 23 °C	1,10 kg / ℓ (typical)	
	Flash Point	38 °C	
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.	
	Substrate	Well prepared primed and undercoated surfaces.	
	Method	Brush, roller or spray.	
	Thinning	Not normally necessary to thin for brush and roller application. Thin approx. 10 % with <b>POLYCELL MINERAL TURPENTINE</b> for spray application.	
	Cleaning	<b>POLYCELL MINERAL TURPENTINE</b> or <b>POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.</b>	
Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
	Min.: 5 °C	Min.: 10 °C	-
	or 2 °C min. above dew point		
Drying time	Touch dry	4 h at 23 °C	
	Recoating	16 h at 23 °C	
	Dry to handle	16 h at 23 °C	
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold.		
	Packaging: 5 ℓ and 20ℓ.		
<b>Transportation</b>	This product is non – hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).		

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>• Ensure that substrates as well as primed and undercoated surfaces are clean, sound and dry.</li> </ul> <ol style="list-style-type: none"> <li><b>NEW WORK:</b> <ol style="list-style-type: none"> <li><b>Cement plaster, concrete, gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board, (e.g. Rhinoboard), fibre-cement, unglazed brick:</b> Prime with <b>PROFESSIONAL PLASTER PRIMER (PP 700)</b>. Apply a full coat to seal surface properly.</li> <li><b>Wood:</b> Seal knots with <b>KNOT SEAL (PK 2)</b>. Then prime with <b>PROFESSIONAL WOOD PRIMER (PP 800)</b>.</li> <li><b>Hardboard:</b> Prime with <b>PROFESSIONAL PLASTER PRIMER (PP 700)</b>.</li> <li><b>Mild steel:</b> Remove rust. Degrease with <b>AQUASOLV DEGREASER (GR 1)</b> and rinse thoroughly with water. Prime with <b>PLASCON METAL PRIMER (UC 501)</b>. Use <b>PLASCOPRIME 183 HB (UC 183)</b> for structural steelwork.</li> <li><b>Galvanised steel:</b> Clean with <b>GALVANISED IRON CLEANER (GIC 1)</b> and rinse thoroughly with water to achieve a water break-free surface. Prime with <b>PROFESSIONAL GALVANISED IRON PRIMER (PP 1000)</b>.</li> </ol> </li> <li><b>PREVIOUSLY PAINTED SURFACES:</b> <ol style="list-style-type: none"> <li><b>Old paint in good condition:</b> Remove any loose and flaking paint, clean and spot prime with the appropriate primer. Clean paintwork with <b>POLYCELL SUGAR SOAP POWDER CLEANER</b> solution and rinse thoroughly. Sand glossy enamel areas to a matt finish. Prime masonry surfaces containing emulsion paint with <b>PROFESSIONAL PLASTER PRIMER (PP 700)</b>.</li> <li><b>Old paint in poor condition:</b> Strip completely and proceed as for new work.</li> </ol> </li> <li><b>FILLING:</b> Fill defects with <b>POLYCELL POLYFILLA INTERIOR</b> or <b>EXTERIOR CRACK FILLERS</b>. Seal <b>POLYFILLA EXTERIOR</b> with <b>PROFESSIONAL PLASTER PRIMER (PP 700)</b>. Fill wood and fibre-cement with <b>POLYCELL MENDALL 90 ALL PURPOSE ADHESIVE FILLER</b>.</li> <li><b>UNDERCOAT:</b> To all surfaces prepared and primed as above, apply a coat of <b>PROFESSIONAL GENERAL PURPOSE UNDERCOAT (PU 800)</b>.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>• <b>PROFESSIONAL SUPER GLOSS ENAMEL</b> is ready for use. If necessary thin with a minimum quantity of <b>MINERAL TURPENTINE</b> to achieve the ideal application properties. Apply by brush or roller.</li> <li>• For spray application thin approximately 10 % with <b>SPRAYING THINNER (TH 3)</b>.</li> </ul>
<b>Cautions</b>	<ul style="list-style-type: none"> <li>• Not recommended for areas where chemical resistance is required.</li> <li>• Heavy applications (exceeding 35 µm DFT) should be avoided to prevent wrinkling.</li> <li>• To ensure that colours on a project are consistent check that batch numbers correspond.</li> <li>• <b>Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remark column prior to tinting).</b></li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Always keep paint out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• 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.</li> <li>• Do not smoke while painting.</li> <li>• Flammable. Store in a cool dry place away from heat and sparks.</li> <li>• Refer to Material Safety Data Sheet for complete information.</li> </ul>

**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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