

## PROFESSIONAL BRILLIANT WHITE GLOSS ENAMEL

PRODUCT CODE: PSB 1000

### TECHNICAL DATA SHEET

<b>Product Description</b>	A high quality alkyd based high gloss enamel.													
<b>Intended Uses</b>	Used as a decorative and protective finish on interior and exterior mild steel, galvanised steel, timber and masonry.													
<b>Features &amp; Benefits</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												
	Volume Solids	49% by volume												
	Viscosity at 23 °C	68 - 72 KU (approx)												
	Recommended DFT	25 - 35 µm												
	Recommended WFT	51 - 71 µm												
	Theoretical spreading rate	16.3 m <sup>2</sup> /L @ 30 µm DFT. This serves as a guide only.												
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
	VOC	380 g/L												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use..												
	Method	Brush, roller or spray.												
	Thinning	Not normally necessary to thin for brush or roller application. For Spray Application Thin approx. 10 % with <b>SPRAYING THINNER (TH 3)</b> or <b>MINERAL TURPENTINE (AZH 1)</b>												
	Cleaning	<b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER (502205)</b>												
	Drying time	Touch dry: 4 h @ 23 °C Over coating: 16 h @ 23 °C												
	Application Environment	<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 2 °C min. above dew point</td> </tr> <tr> <td>Max.: 40 °C</td> <td>Max.: 40 °C</td> <td>Max.: 85 %</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 10 °C	Min.: 10 °C	Min: 10%	or 2 °C min. above dew point			Max.: 40 °C	Max.: 40 °C	Max.: 85 %
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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 5L and 20L													
<b>Surface Preparation</b>	Ensure that surfaces are dry, sound ,free from dust ,dirt ,grease and oil before painting													
	1. <b>NEW WORK:</b>													
	1.1 <b>Cement plaster, concrete, gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board, (e.g. Rhinoboard), fibre-cement and unglazed brick:</b> Prime with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b> . Apply a full coat to seal surface properly.													
	1.2 <b>Wood:</b> Seal knots with <b>KNOT SEAL (PK 2)</b> . Then prime with <b>PLASCON WOOD PRIMER (UC 2)</b>													
	1.3 <b>Hardboard:</b> Prime with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b> .													

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<b>Surface Preparation continued</b>	<p>1.4 <b>Mild steel:</b> Remove rust. Degrease with <b>AQUASOLV DEGREASER (GR 1)</b> and rinse thoroughly with water. Prime with <b>ZINC PHOSPHATE PRIMER (UC 170)</b>. Use <b>PLASCOPRIME 182 ZINC PHOSPHATE PRIMER (UC 182)</b> for structural steelwork.</p> <p>1.5 <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>METALCARE GALVANISED IRON PRIMER (GIP 1)</b>.</p> <p>2 <b>PREVIOUSLY PAINTED SURFACES:</b></p> <p>2.1 <b>Previously painted 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 apply a coat of <b>PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800)</b>. Prime with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</p> <p>2.2 <b>Previously painted in poor condition:</b> Strip completely with <b>REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220)</b> and proceed as for new work.</p> <p>3 <b>FILLING:</b> Fill defects with <b>POLYCELL POLYFILLA INTERIOR</b> or <b>POLYCELL POLYFILLA EXTERIOR</b>. Seal <b>POLYFILLA EXT/INT</b> with <b>PLASTER PRIMER (PP 700)</b>. Fill wood and fibre-cement with <b>POLYCELL MENDALL 90</b>.</p> <p>4 <b>UNDERCOAT:</b> Apply a coat of <b>PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800)</b> to all alkyd enamels which have been cleaned with sugar soap and sanded to a matt finish.</p>
<b>Application</b>	<ul style="list-style-type: none"> <li>• <b>PROFESSIONAL BRILLIANT WHITE GLOSS ENAMEL (PSB 1000)</b> is ready for use with brush or roller application.</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> </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.</li> <li>• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>• 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 Safety Data Sheet for complete information.</li> </ul>

### 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: T O ORDER:** Quote product name, product code number, packaging and colour.

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