

## PROFESSIONAL EGGSHELL ENAMEL

PRODUCT CODE: PSB 700 & TEG Range Tint Bases

TECHNICAL DATA SHEET

<b>Product Description</b>	An alkyd-based enamel with a low gloss eggshell finish for interior use.														
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Used as a decorative finish on interior surfaces only.</li> <li>Can be applied to suitably primed masonry, wood and metal surfaces.</li> </ul>														
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Dries to a tough durable and washable eggshell finish.</li> <li>Superior Obliteration</li> </ul>														
<b>Product Information</b>	Appearance	Eggshell													
	Colour	White (PSB 700)													
	Tint Bases	Pastel Tint Base (TEG 1000),													
	Generic type	Alkyd resin													
	Volume Solids	35 %													
	Recommended DFT	Min: 25 µm, Max: 35 µm													
	Theoretical spreading rate	11.7 m <sup>2</sup> /L @ 30 µm DFT approx.													
	Viscosity at 23 °C	70 KU approx.													
	S G	1, 18 kg /L approx.													
	TVOC	438 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>MINERAL TURPENTINE (AZH 1)</b>													
	Cleaning	<b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER</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 3 °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 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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 %													
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 5 L and 20 L														
<b>Tint Bases</b>	<ul style="list-style-type: none"> <li>The tint base containers are underfilled to levels which are specific for each tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation.</li> <li>The tint bases and the colourants are unfinished or intermediate products which are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base.</li> <li>When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of <b>PROFESSIONAL SUPERIOR SATIN WHITE (PEM 1100)</b></li> <li><b>Only colourants from the Plascon Inspired colour system are permitted for use when tinting.</b></li> </ul>														

# PROFESSIONAL EGGSHELL ENAMEL

PRODUCT CODE: PSB 700 & TEG Range Tint Bases

TECHNICAL DATA SHEET

<b>Tinting Procedure</b>	<ul style="list-style-type: none"> <li>Select the required colour and reference no. from the <b>INSPIRED COLOUR</b> fandeck, other suitable fandecks or colour cards and locate the applicable formulation from the tables.</li> <li>Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remarks column prior to tinting)</li> <li>Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation.</li> <li>Inject all required colourants, close container and shake on mechanical shaker for 5 minutes.</li> </ul> <p><b>Note: UNDER NO CIRCUMSTANCES SHOULD COLOURS BE TINTED FROM PROFESSIONAL EGGSHELL ENAMEL (PSB 700) - USE ONLY THE PRESCRIBED TINT BASES.</b></p>
<b>Surface Preparation</b>	<p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.</p> <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, Crestestone), gypsum board, (e.g. Rhino board), fibre-cement, unglazed brick:</b> Prime with <b>PROFESSIONAL GYPSUM AND 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>PLASCON WOOD PRIMER (UC 2)</b>.</li> <li><b>Hardboard:</b> Prime with <b>PROFESSIONAL GYPSUM AND 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>PLASCOPRIME 170 (UC 170)</b>.</li> <li><b>Galvanised iron:</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>.</li> </ol> </li> <li><b>PREVIOUSLY PAINTED SURFACES</b> <ol style="list-style-type: none"> <li><b>Previously painted surfaces in good condition:</b> Remove any loose and flaking paint. Clean paintwork with <b>POLYCELL SUGAR SOAP POWDER CLEANER</b> solution and rinse thoroughly. Spot prime bare areas with the appropriate primer. Sand glossy enamel areas to a matt finish. Prime masonry surfaces containing emulsion paint with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li> <li><b>Previously painted surfaces in poor condition:</b> Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping. Wash thoroughly with <b>POLYCELL SUGAR SOAP</b> solution. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for NEW WORK.</li> </ol> </li> <li><b>FILLING</b> Fill defects with <b>POLYCELL MENDALL 90</b>. Over coat with <b>PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700)</b>. Fill wood and fibre-cement with <b>POLYCELL MENDALL 90</b>.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li><b>PROFESSIONAL EGGSHELL ENAMEL</b> is ready for use by brush roller or spray.</li> <li>Apply two or more coats to achieve complete obliteration.</li> <li>For spray application thin approximately 10 % with <b>MINERAL TURPENTINE (AZH 1)</b></li> <li>Always maintain a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner or from a natural cut off point to another. Do not attempt touch ups but redo complete panels.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>To ensure that colours on a project are consistent check that product code and batch numbers correspond</li> <li>Avoid painting during inclement weather or if temperature is below 10 °C.</li> </ul>

## PROFESSIONAL EGGSHELL ENAMEL

PRODUCT CODE: PSB 700 & TEG Range Tint Bases

TECHNICAL DATA SHEET

---

### 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 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 Product Data Sheet (PDS). It is the responsibility of the user to ensure that the latest PDS is being used.

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

#### **KANSAI PLASCON (PTY) LIMITED**

10 Frederick Cooper Drive,  
Factoria, Krugersdorp  
South Africa  
1739.

Tel: +27 11 951 4500  
Fax: +27 800 110 932

**PLASCON ADVISORY SERVICE:** 0860 20 40 60

**EMAIL:** [advice@kansaiplascon.co.za](mailto:advice@kansaiplascon.co.za)