

## PROFESSIONAL EGGSHELL ENAMEL

PRODUCT CODE: PSB 700 & TEG Range Tint Bases

### TECHNICAL DATA SHEET

Product Description	An alkyd based enamel with a low gloss eggshell finish for interior use.														
Intended Uses	<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>														
Features & Benefits	<ul style="list-style-type: none"><li>Dries to a tough durable and washable eggshell finish.</li><li>Superior Obliteration</li></ul>														
Product Information	Appearance Colour Tint Bases  Generic type Volume Solids Recommended DFT Theoretical spreading rate Viscosity at 23 °C S G TVOC	Eggshell White (PSB 700 ) Pastel Tint Base (TEG 1000), Deep Tint Base (TEG 2000), Transparent Tint Base (TEG 3010). Alkyd resin 35% Min: 25 µm, Max: 35 µm 11.7 m²/L @ 30 µm DFT approx. 70 KU approx. 1, 18 kg /L approx. 438 g/ L													
Application Details	Mixing Substrate Method Thinning  Cleaning Drying time  Application Environment	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use. Well prepared primed and undercoated surfaces Brush, roller or spray. 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> <b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER</b> Touch dry: 4 h @ 23 °C Over coating: 16 h @t 23 °C													
		<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><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></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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Tint Bases	<ul style="list-style-type: none"><li>The tint base containers are under filled 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 EGGSHELL ENAMEL (PSB 700)</b>.</li></ul>														
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5L and 20L														

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<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 MUST 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, Cretestone), 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 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>.</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 GYPSUM AND PLASTER PRIMER (PP 700)</b>.</li> <li><b>Old paint in poor condition:</b> Strip completely with <b>REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220)</b> and 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 or roller.</li> <li>Apply two or more coats to achieve complete obliteration.</li> <li>For spray application thin approximately 10% with <b>SPRAYING THINNER (TH 3)</b>.</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> </ul>

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### 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.
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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 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.

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