

## SYNLAC INDUSTRIAL ENAMEL 2000 SERIES

PRODUCT CODE: SL 2000 Series

TECHNICAL DATA SHEET

<b>Product Description</b>	High quality, fast drying high gloss industrial alkyd enamels.													
<b>Intended Uses</b>	For use on thoroughly cleaned and primed steel, concrete and cement plaster Ideal for agricultural implements, gas cylinders, pumps, motors, plant and machinery, palisade fencing, garden furniture, and as an economical floor coating.													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Fast drying</li> <li>Good exterior durability</li> <li>High gloss</li> </ul>													
<b>Product Information</b>	<p>Appearance</p> <p>Colours</p> <p>Tinting</p> <p>Generic type</p> <p>Solids</p> <p>S G</p> <p>Recommended DFT</p> <p>Recommended WFT</p> <p>Theoretical spreading rate</p> <p>Supply viscosity at 23 °C</p> <p>Flash point</p>	<p>Gloss</p> <p>White (SL 2022), Black (SL 2017), Medium Blue (SL 2064), Medium Yellow (SL 2080), Orange B26 (SL 2226), Floor Green (SL 2227), Golden Yellow B49 (SL 2249), Bright Golden Yellow (SL 2256), Grey G12 (SL 2290), Signal Red A11(SL 2292), Extra Dark Sea Grey G08 (SL 2293),</p> <p><b>TINT BASE (SLB 2000)</b> may be tinted on the <b>Plascon Alchemy Industrial Tinting</b> system or manually using <b>Plascon IAC colourants</b>. Mix well after tinting.</p> <p>Modified alkyd</p> <p>Approx. 38 % by mass; 23 % by volume</p> <p>0,84 (typical)</p> <p>Min: 30 µm, Max: 45 µm per coat</p> <p>Min: 130 µm, Max: 196 µm per coat</p> <p>6,6 m<sup>2</sup>/L per coat @ 35 µm DFT at stated volume solids</p> <p>50 – 60 seconds (Ford 4 cup) – varies with addition of colourants.</p> <p>&lt;23 °C</p>												
<b>Application Details</b>	<p>Mixing</p> <p>Method</p> <p>Thinner</p> <p>Cleaning</p> <p>Drying time</p> <p>Application Environment</p>	<p>Stir thoroughly with a flat paddle until homogeneous.</p> <p>Spray application. Can be brush applied unthinned on small areas.</p> <p>Thin to spray viscosity 16 - 20 seconds Ford Cup No. 4 at 23 °C with <b>PLASCON FAST DRYING SOLVENT (PYY 1)</b>, <b>ENAMEL THINNER (TH 77)</b> or <b>UNIVERSAL REDUCER (PUR 1)</b>.</p> <p><b>UNIVERSAL REDUCER (PUR 1) PLASCON FAST DRYING SOLVENT (PYY 1) ENAMEL THINNER (TH 77) or NO 40 LACQUER THINNERS (ILS 1)</b></p> <p>Touch dry: 1 h @ 23 °C</p> <p>Over coating: 2 h @ 23 °C</p> <p>Dry to handle: 3 h @ 23 °C</p> <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 %
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<b>Storage and Packaging</b>	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: 5 L, 25 L and 200 L.</p>													

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<b>Surface Preparation</b>	<p>Surfaces must be clean, dry and free from dust, dirt, oil, grease or any other contaminants.</p> <p><b>MILD STEEL:</b></p> <ul style="list-style-type: none"> <li>Remove oil, grease and dirt and any other contaminants with <b>AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with clean water.</li> <li>Recommended primers: <b>COASTCOTE ETCH PRIMER SERIES (SNK Range)</b> or <b>HS ZINC PHOSPHATE ALKYD PRIMER (QDP 2)</b> or <b>LC ETCH PRIMER (SN 152)</b></li> </ul> <p><b>CONCRETE &amp; CEMENT PLASTER:</b></p> <ul style="list-style-type: none"> <li>The moisture content of the concrete floor must be less than 5 % when measured by the Doser Hygrometer BD 4 scale</li> <li>The surface must be free from grease, oil, mud, shutter release agent, mould oils and foreign materials.</li> <li>High speed Diamond Grind to remove laitance, membranes and curing additives or vacuum shot blast to create a profile of CSP 3 or less.</li> <li>Apply <b>PLASCOGUARD GEHOPON 7 SEALER (GW 7)</b>. Allow 24 hours prior to overcoating.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>Thin as recommended and apply to achieve the required DFT</li> <li>Bright clean transparent colours may require additional coats.</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.

**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.

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

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