

## SYNLAC INDUSTRIAL ENAMEL

PRODUCT CODE: SL 264 & 265

### TECHNICAL DATA SHEET

<b>Product Description</b>	A general purpose, single pack, fast drying enamel.													
<b>Intended Uses</b>	Ideal for machinery, drums and other mild steel industrial applications.													
<b>Product Information</b>	Colours and appearance	Aluminium (SL 264) - Semi-gloss Matt Black (SL 265) - Matt												
	Generic type	Modified alkyd												
	Solvent type	Aromatic and aliphatic hydrocarbon, alcohols												
	Solids	Black: Approx. 45 – 49 % by mass; 33 % by volume Aluminium: Approx. 25 – 27 % by mass; 16,5 % by volume												
	S G	0,8 (typical)												
	Recommended DFT	Min: 20 µm, Max: 30 µm												
	Theoretical spreading rate	13 m²/L at 25 µm DFT (typical for black)												
	Supply viscosity at 23 °C	Black: 57 – 62 KU (typical) Aluminium: 13 " - 15 " Ford Cup No. 4 (typical)												
	Flash point	23 °C												
	VOC	577 g/L for aluminium 540 g/L for matt black												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Spray application.												
	Thinner	Thin to spray viscosity 17 - 22 seconds Ford Cup No. 4 at 23 °C with <b>PLASCON FAST DRYING SOLVENT (PYY 1) ENAMEL THINNER (TH 77)</b> or <b>UNIVERSAL REDUCER (PUR 1)</b> .												
	Cleaning	<b>PLASCON FAST DRYING SOLVENT (PYY 1), ENAMEL THINNER (TH 77), UNIVERSAL REDUCER (PUR 1) or NO 40 LACQUER THINNERS (ILS 1)</b>												
	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 %												
	Drying time	<table> <thead> <tr> <th></th><th><u>aluminium</u></th><th><u>black</u></th></tr> </thead> <tbody> <tr> <td>Touch dry:</td><td>30 Mins. At 23 °C</td><td>1 h. at 23 °C</td></tr> <tr> <td>Recoating:</td><td>2 h at 23 °C</td><td>3 h at 23 °C</td></tr> <tr> <td>Dry to handle:</td><td>4 h at 23 °C</td><td>5 h at 23 °C</td></tr> </tbody> </table>		<u>aluminium</u>	<u>black</u>	Touch dry:	30 Mins. At 23 °C	1 h. at 23 °C	Recoating:	2 h at 23 °C	3 h at 23 °C	Dry to handle:	4 h at 23 °C	5 h at 23 °C
	<u>aluminium</u>	<u>black</u>												
Touch dry:	30 Mins. At 23 °C	1 h. at 23 °C												
Recoating:	2 h at 23 °C	3 h at 23 °C												
Dry to handle:	4 h at 23 °C	5 h at 23 °C												
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 5 L													



## SYNLAC INDUSTRIAL ENAMEL

PRODUCT CODE: SL 264 & SL 265

<b>Surface Preparation</b>	All mild steel surfaces must be clean, dry and free from dust, dirt, oil, grease or any other contaminants. Remove oil, grease and dirt and any other contaminants with <b>PLASCON AQUASOLV DEGREASER (GR 1)</b> . Rinse thoroughly with clean water. <b>MILD STEEL:</b> Recommended primers: <b>COASTCOTE ETCH PRIMER (SNK 2)</b> , <b>ETCH PRIMER (SN 152)</b> or <b>COASTCOTE ETCH PRIMER SERIES (SNK series)</b>
<b>Application</b>	<ul style="list-style-type: none"><li>Thin as recommended and apply by spraying to the required DFT.</li></ul>
<b>Shipping Weight</b>	(SL 264) 5 L - 4.525 KG (SL 265) 5 L - 5.200 KG
<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 TYDS is being used.

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

### **KANSAI PLASCON (PTY) LTD**

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

