

## HYSHEEN ROAD MARKING PAINT - SANS 731 (PART 1, TYPE 1 & 2, CLASS 1)

PRODUCT CODE: TP 24, 41, 88, 124, 141

TECHNICAL DATA SHEET

<b>Product Description</b>	Single pack solvent-based coatings for the marking of road surfaces.													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Used for the marking of traffic lanes.</li> <li>Suitable for use on bituminous road surfaces.</li> <li>Adjust application rate when drop-on beads are used.</li> <li><b>CAUTION: Not recommended for friable slurry type surfaces.</b></li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Complies with specification SANS 731 (Part 1 Type 1 &amp; 2, Class 1)</li> <li>Quick drying matt finish.</li> <li>Excellent adhesion and coverage on suitably prepared surfaces.</li> <li>Good durability and resistance to abrasion.</li> <li>Suitable for, airless or pressure-feed spraying and for brush and roller application.</li> </ul>													
<b>Product Information</b>	Appearance	Matt												
	Colours	White (TP 24, TP 124), Golden Yellow SABS BS356 (TP 41, TP 141) and Signal Red SABS A11 (TP 88)												
	Generic type	Modified alkyd												
	Volume Solids	Approx. 52.4 % (typical for White)												
	Viscosity at 23 °C	85-90 KU (typical)												
	S G at 23 °C	1,43 (typical for White)												
	Recommended DFT	230 – 250 µm without beads.												
	Recommended WFT	439 – 477 µm without beads												
	Theoretical spreading rate	2.2 m <sup>2</sup> /L @ 240 µm without beads												
	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. Should drop on beads be required the spreading rate, WFT and DFT should be adjusted to accommodate this.												
	VOC	404 g/L												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until completely homogeneous.												
	Method	Airless or pressure-feed spraying equipment. Brush and roller.												
	Thinning	Thinning not recommended												
	Cleaning	Clean equipment with <b>TOLUOL REDUCER (HVL 1)</b> or <b>NO. 40 LACQUER THINNER (ILS 1)</b> .												
	Drying time	Dry to no pick up: 15 mins at 23 °C Over coating: 1 h at 23 °C Dry to handle: 1 h at 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.: 80%</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.: 80%
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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging 1 L, 5 L, 20 L and 200 L.													

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<b>Surface Preparation</b>	<p>Surfaces must be clean, dry and sound.</p> <p><b>1. NEW ASPHALT SURFACES</b></p> <ul style="list-style-type: none"> <li>• <b>For permanent markings</b> ensure that bituminous screeds have cured for a minimum of three months.</li> <li>• <b>NOTE:</b> Paints applied over bituminous screeds less than three months old are to be regarded as <b>temporary markings</b>.</li> </ul> <p><b>2. PREVIOUSLY COATED ASPHALT SURFACES</b></p> <ul style="list-style-type: none"> <li>• Remove loose and flaking paint.</li> <li>• Remove oil, grease and other contaminants with <b>POLYCELL SUGAR SOAP LIQUID</b>. Rinse thoroughly with fresh water and allow to dry.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply a 460 µm WFT (±20 µm without glass beads) to achieve complete coverage.</li> <li>• Should complete coverage not be achieved with one coat, apply a second coat.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• <b>NOT</b> recommended for friable slurry-type surfaces.</li> <li>• Can only be applied on cured bitumen, bleeding may occur on fresh bitumen.</li> <li>• <b>NB: Not recommended for concrete surfaces</b> but if required then use the following preparation first:             <ol style="list-style-type: none"> <li>1. Remove laitance mechanically by high speed diamond grinding to create a key. Dust off well.</li> <li>2. Seal with <b>GEHOPON SEALER (GW 7)</b> or <b>CONCRETE FLOOR PREP (FCS 1)</b>.</li> <li>3. The recommended product for concrete and concrete pavers is <b>BRICK &amp; CONCRETE MARKING PAINT (BTP 1)</b>.</li> </ol> </li> <li>• Always keep containers tightly closed when not in use, since solvents evaporate very fast.</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: TO ORDER: Quote product name, product code number, packaging and colour.**

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