

## COLD CURE ROAD MARKING PAINT (SPRAY APPLICATION)

PRODUCT CODE: STP 11 & STP 12

### TECHNICAL DATA SHEET

Product Description	A two component coating. for asphalt and concrete road surfaces																			
Intended Uses	<ul style="list-style-type: none"><li>For asphalt and concrete surfaces</li><li>suitable for runways</li></ul>																			
Features & Benefits	<ul style="list-style-type: none"><li>Superior durability and resistance to abrasion</li><li>Strong adhesion to surfaces</li><li>Resistant to de-icing salt and fuels</li><li>Resistant to ageing and weathering</li><li>Lead free</li><li>Cures at low temperatures</li></ul>																			
Product Information	Appearance Colours SG at 23 °C Volume Solids Recommended DFT Recommended WFT Theoretical Spreading Rate  Flash point (DIN51755) Pot life VOC	Matt White (STP 11), Yellow (STP 12) 1.70 kg/L (STP 11), 1.60 kg/L (STP 12) 100% (mixed) 1mm - 2mm per coat 1mm - 2mm per coat 2.53 kg/m² (STP 11) and 2.39 kg/m² (STP 12) at a layer thickness of 1.5mm (This serves as a guide only) 11 °C 15 mins at 23 °C 618.97 g/L (STP 11) and 627.04 g/L (STP 12) (0 g/L when crossed linked)																		
Application Details	Mixing  Method Thinning Cleaning Drying time  Curing Times	Mix at a ratio of 100:1 by mass with hardener (STH 1) (Beads may be dropped on when wet, for retro reflectivity/ reflectance) Spray Thinning is not recommended Clean equipment with LACQUER THINNER (ILS 1) 30 mins at 23 °C																		
		<table><tr><td>Temperature</td><td>Catalyst (STH 1) by weight (%)</td><td>Pot Life</td><td>Settling time</td></tr><tr><td>10 °C</td><td>2.0</td><td>18 mins</td><td>50 mins</td></tr><tr><td>20 °C</td><td>1.0</td><td>15 mins</td><td>35 mins</td></tr><tr><td>30 °C</td><td>1.0</td><td>8 mins</td><td>20 mins</td></tr></table>	Temperature	Catalyst (STH 1) by weight (%)	Pot Life	Settling time	10 °C	2.0	18 mins	50 mins	20 °C	1.0	15 mins	35 mins	30 °C	1.0	8 mins	20 mins		
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Max: 40 °C	Max: 40 °C	Max: 85%																		
Storage & Packaging	Store away from direct sun, heat and severe cold Packaging: 5L																			

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<b>Surface Preparation</b>	<p>Ensure that all surfaces are dry, sound and free from dust, dirt grease and oil before painting.</p> <p><b>1. NEW SURFACES</b></p> <p><b>1.1. For permanent markings:</b></p> <p>Ensure the asphalt is cured for a minimum of three months and concrete substrates cured for a minimum of one month</p> <p>NOTE: paints applied over Asphalt cured in less than three months, or concrete cured in less than one month, are regarded as temporary markings with an expected service life of less than six months.</p> <p>Consult Plascon Advisory Service before applying on concrete surfaces.</p> <p><b>2. PREVIOUSLY PAINTED SURFACES:</b></p> <p><b>2.1. Previously painted surfaces in good condition:</b></p> <p>Remove any loose and flaking paint back to a sound substrate. Remove dirt, dust, oil, grease and other contaminants.</p>
<b>Cautions</b>	<ul style="list-style-type: none"> <li>Not recommended for friable slurry type surfaces.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>Always keep paint out of reach of children.</li> <li>Keep out of reach of children</li> <li>Ensure good ventilation during application</li> <li>Avoid skin and body contact- seek immediate medical attention.</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>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.

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

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