

COLD CURE SCREED MARKING PAINT

PRODUCT CODE: STP 1 & STP 2

TECHNICAL DATA SHEET

Product Description	A two component coating for road marking and runway surfaces.																						
%Intended Uses	Suitable on prepared concrete, bituminous surfaces. Cold cure road marking paint is recommended for surfaces requiring good durability and night time reflectance where high performance is required.																						
Features & Benefits	<ul style="list-style-type: none">• Excellent adhesion on suitably prepared surfaces• Good durability and resistance to abrasion• Suitable for brush, roller and screed applications• Good night time visibility• Resistance to abrasion and weathering• The product has been formulated lead free																						
Product Information	Appearance	Matt																					
	Colour	White (STP 1),Yellow (STP 2)																					
	SG at 23 °C	2.03kg/L																					
	Volume Solids	72% (100% when mixed with STH 1 Hardener and cross linked)																					
	Recommended DFT	1000 µm- 2000 µm per coat																					
	Recommended WFT	1000 µm- 2000 µm per coat																					
	Theoretical Spreading Rate	3.1 kg/m² at a layer thickness of 1.5 mm (This serves as a guide only)																					
	Pot life	15 minutes @ 23 °C																					
	TVOC	269 g/L (0 g/L when cross linked)																					
Application Details	Mixing	Mix at a ratio of 100:1 by mass with hardener (STH 1)																					
	Method	Additional beads may be dropped on when wet for extra reflectance																					
	Thinning	Brush, roller and screed application																					
	Cleaning	No thinning																					
	Drying time	LACQUER THINNERS (ILS 1)																					
		Dry to no pickup: 30 min @ 23 °C																					
	Curing times	<table><tr><td>Temperature</td><td>Catalyst (STH 1) by weight (%)</td><td>Pot life</td><td>Setting 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><tr><td>40 °C</td><td>0.5</td><td>6 mins</td><td>18 mins</td></tr></table>		Temperature	Catalyst (STH 1) by weight (%)	Pot life	Setting 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	40 °C	0.5	6 mins	18 mins
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Storage & Packaging	Store away from direct sun, heat and severe cold Packaging: 5L																						

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Surface Preparation	<p>Ensure that all surfaces are dry, sound and free from, dirt grease and oil before painting</p> <p>1. NEW SURFACES</p> <p>1.1 For permanent markings:</p> <p>Ensure the bituminous surfaces have cured for a minimum of three months and concrete substrates have cured for a minimum of one month.</p> <p>Laitance and curing aids must be removed from concrete by high speed diamond grind, or vacuum shot blast. For small areas acid etch.</p> <p>NOTE: paints applied over bituminous surfaces cured in less than 3 months or concrete cured in less than one month are to be regarded as temporary markings</p> <p>Consult Plascon Advisory Service before applying on concrete surfaces.</p> <p>2. PREVIOUSLY PAINTED SURFACES:</p> <p>2.1 In good condition:</p> <p>Previously cold cure painted surfaces can be over coated by same product if suitably prepared.</p> <p>Please refer to Plascon Advisory Service to determine suitability to overcoat other generic products.</p>
Cautions	<ul style="list-style-type: none"> • Not recommended for friable slurry type surfaces. • <u>Very rapid curing time</u> – mix and apply within the recommended times (see table under application details) • <u>Product is sensitive to heat so must be stored under cool dry and safe conditions</u>
Safety Precautions	<ul style="list-style-type: none"> • Keep out of reach of children. • Ensure good ventilation during application and drying. • In case of skin contact, wash with soap and water or a recognised skin cleaner. • Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. • Harmful if swallowed. Do not induce vomiting. Seek medical attention. • Refer to Safety Data Sheet for complete information.

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.

KANSAI PLASCON (PTY) LIMITED

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