

STOEP ENAMEL

PRODUCT CODE: SP Range

TECHNICAL DATA SHEET

Product Description	A single pack, alkali resistant enamel for interior and exterior use.														
Intended Uses	<ul style="list-style-type: none"> • Ideal for use on cured concrete and cement floors, window sills, etc. 														
Features & Benefits	<ul style="list-style-type: none"> • Dries to a tough mar-resistant finish. • Can be polished with a good quality clear wax finish to the painted surface after the STOEP ENAMEL has dried thoroughly. 														
Product Information	Appearance	Gloss													
	Colours	Standard colours as per colour card													
	Generic type	Alkyd													
	Solids	Approx. 56 % by mass; 43 % by volume													
	S G	1,0 kg/ℓ													
	Flash Point	38 °C													
	Theoretical spreading rate	14.3 m ² /ℓ per coat @ 30µm DFT. This serves as a guide only													
	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.													
	VOC	443 g/ℓ													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Substrate	Well prepared concrete and cement surfaces.													
	Method	Brush, roller or spray.													
	Thinning	For brush and roller application on porous surfaces thin first coat 5 parts STOEP ENAMEL to 1 part MINERAL TURPENTINE (AZH 1) by volume. For spray application thin 10 parts STOEP ENAMEL to 1 part SPRAYING THINNER (TH 3) or MINERAL TURPENTINE (AZH 1) by volume.													
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER .													
	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 2 °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 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Max: 40 °C	Max: 40 °C	Max: 85%													
	Drying time	Touch dry 4 h @ 23 °C Overcoating 16 h @ 23 °C Dry to handle 16 h @ 23 °C													
Storage and Packaging	Store away from direct sun, heat and severe cold.														
	Packaging: 500 mℓ, 1 ℓ, and 5 ℓ.														

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Surface Preparation	<p>All concrete and cement floors must be protected by suitable damp coursing and must be well cured. Allow new concrete to cure for at least 4 weeks before painting. Surfaces must be clean and dry (less than 5 % moisture) before painting</p> <p>NEW WORK</p> <p>1. Remove all traces of polish, grease, oil, bitumen, adhesive and other contaminants using AQUASOLV DEGREASER (GR 1) followed by clean water rinses to remove traces of degreaser. A water break-free surface must be obtained. Allow to dry</p> <p>1.2 Wood floated floors: Remove any high points by grinding with carborundum block and dust thoroughly by vacuum cleaning.</p> <p>1.3 Steel floated floors: Roughen smooth areas and remove any laitance, cement spillage and high points by carborundum grinding or abrasive blasting (using non-metallic abrasives). Vacuum clean to remove all dust.</p> <p>2. PREVIOUSLY PAINTED SURFACES</p> <p>2.1 Previously painted surfaces in good condition: Remove any loose and flaking paint back to a firm edge and feather edges as required. Remove any polish, grease, oil and other contaminants with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with clean water. Sand old paint to a matt surface to provide a key. Dust off.</p> <p>2.2 Previously painted surfaces in poor condition: Strip completely by most suitable means and treat as for New Surfaces.</p>
Application	<ul style="list-style-type: none"> • Thin first coat as recommended to aid penetration. Apply by brush or roller. • For spray application thin as recommended • Apply a second coat unthinned to achieve complete obliteration. • A good quality clear polish can be applied after the enamel has dried thoroughly.
Cautions	<ul style="list-style-type: none"> • STOEP ENAMEL cannot be applied to new uncured concrete or newly plastered or rendered floors. Surfaces must be cured properly and thoroughly dry. • The moisture content of the substrate should be less than 5% when measured on a Doser Hygrometer BD4 scale or equivalent instrument. • The coating can be affected adversely if damp course is not in place. • To ensure that colours on a project are consistent check that batch numbers are the same.
Safety Precautions	<ul style="list-style-type: none"> • Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. • Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. • Harmful if swallowed. Seek medical attention and do not induce vomiting. • Do not smoke while painting. • Flammable. Store in a cool dry place away from heat and sparks. • Refer to Material 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.

N.B: TO ORDER: Quote product name, product code

number, packaging and colour.

KANSAI PLASCON (PTY) LIMITED

CAPE TOWN:

P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:

Private Bag X16
Mobeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

GAUTENG:

P.O Box 4010
Luipaardsvlei 1743
Tel: (011) 955-2161
Fax: (011) 955-2841

PORT ELIZABETH:

P O Box 1594
Port Elizabeth 6000
Tel: (041) 434-1400
Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60

