



Barloworld
Plascon South Africa

STOEP ENAMEL

TECHNICAL DATA SHEET NO.: A-30-H
DATE: OCTOBER 2005

PRODUCT CODE: SP-range THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	• A single pack, alkali resistant enamel for interior and exterior use.		
Intended Uses	• Ideal for use on cured concrete and cement floors, window sills, etc.		
Features	• Dries to a tough mar resistant finish. • Best results obtained by applying a good quality clear wax finish to the painted surface after the STOEP ENAMEL has dried thoroughly.		
Product Information	Appearance	Gloss	
	Colours	Limited colour range as per colour card	
	Solids	Approx. 56 % by mass; 43 % by volume	
	Recommended DFT/coat	Min.: 25 µm	Max.: 35 µm
	Theoretical spreading rate	14.3 m²/ℓ at 30µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	65 - 70 KU (typical)	
	S G at 23°C	1,0 kg / ℓ	
	Flash Point	38 °C	
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.	
	Substrate	Well prepared concrete and cement floors.	
	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 (TH3), UNIVERSAL REDUCER (PUR 1) or MINERAL TURPENTINE (AZH 1) by volume.	
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.	
Application Environment		Surface Temperature	Ambient Temperature
		Min.: 5 °C or 2 °C min. above dew point	Min.: 5 °C
		Max.: 40 °C	Max.: 40 °C
			Relative Humidity
			Max.: 85 %
Drying time		Touch dry	4 h at 23 °C
		Recoating	16 h at 23 °C
		Dry to handle	16 h at 23 °C
Storage and Packaging	Store away from direct sun, heat and severe cold.		
	Packaging:	500 mℓ, 1ℓ, and 5ℓ.	
Transportation	This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).		

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Surface Preparation	1.	NEW SURFACES
	1.1	All concrete and cement floors must be protected by suitable damp coursing, must be well cured (at least 28 days) and must be clean and dry (less than 5 % moisture) before painting. Remove all traces of polish, grease, oil, bitumen, adhesive and other contaminants using AQUASOLV DEGREASER (GR 1) followed by clean water rinses to remove all traces of degreaser. A water break-free surface must be obtained. Allow to dry.
	1.2	WOOD FLOATED FLOORS: <ul style="list-style-type: none"> Remove any high points by grinding with carborundum block and dust thoroughly by vacuum cleaning.
	1.3	STEEL FLOATED FLOORS: <ul style="list-style-type: none"> 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.
Application	2.	PREVIOUSLY PAINTED SURFACES IN GOOD CONDITION <ul style="list-style-type: none"> 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 fresh water. Sand old paint to a matt surface to provide a key. Dust off.
	3.	PREVIOUSLY PAINTED SURFACES IN POOR CONDITION <ul style="list-style-type: none"> Strip completely by most suitable means and treat as for New Surfaces.
		<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 (green) concrete or newly plastered or rendered floors. Surfaces must be cured properly and thoroughly dry. The coating can be affected adversely if damp proof membrane 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 all 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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