



Barloworld
Plascon South Africa

SUPER EGGSHELL ENAMEL

TECHNICAL DATA SHEET NO.:

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SEE 1

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	An alkyd based enamel with a low gloss eggshell finish for interior use.		
Intended Uses	<ul style="list-style-type: none"> Used as a decorative finish on interior surfaces only. Can be applied to suitably primed masonry, wood and metal surfaces. 		
Features	<ul style="list-style-type: none"> Dries to a tough durable and washable low gloss finish. No undercoat required after priming of the substrate. 		
Product Information	Appearance	Eggshell	
	Colours	White, plus a wide range of COLOUR EXPRESSIONS tints.	
	Generic type	Alkyd resin	
	Solids	Approx. 64 % by mass; 44 % by volume	
	Recommended DFT	Min.: 25 µm	Max.: 35 µm
	Theoretical spreading rate	14.7 m ² /ℓ at 30µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	72 - 78 KU (typical)	
	S G at 23 °C	1,24 kg/ℓ (typical)	
	Flash Point	>38 °C	
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.	
	Substrate	Suitably primed surfaces.	
	Method	Brush, roller or spray.	
	Thinning	Not normally necessary to thin for brush or roller application. Thin approx. 10 parts EGGSHELL ENAMEL to 1 part SPRAYING THINNER (TH 3) or MINERAL TURPENTINE (AZH 1) by volume for spray application.	
		N.B.: Mix sufficient material for spray application to complete the job in order to avoid possible gloss variations.	
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANERPAINT AND GREASE REMOVER.	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 10 °C
		or 2 °C min. above dew point	
		Max.: 40 °C	Max.: 40 °C
	Drying time		Relative Humidity
		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:	1 ℓ, 5 ℓ and 20 ℓ	

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Surface Preparation	<ul style="list-style-type: none"> Ensure that substrate as well as primed and undercoated surfaces are clean, sound and dry. <ol style="list-style-type: none"> NEW WORK <ol style="list-style-type: none"> Cement plaster, concrete, fibre-cement, unglazed brick: Prime with PLASCON PLASTER PRIMER (UC 56) or PLASCON MULT-SURFACE PRIMER (WUP-1). Apply liberally in order to obtain an unbroken barrier coat to seal surface properly. Gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board (e.g. Rhinoboard). Prime with PLASCON PLASTER PRIMER (UC 56). Wood: Sand smooth. Seal knots with KNOT SEAL (PK 2). Then prime with WOOD PRIMER (UC 2). Hardboard: Prime with PLASCON PLASTER PRIMER (UC 56). Mild steel: Degrease with AQUASOLV DEGREASER (GR 1) and rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding or with RUST REMOVER (RR 1). Prime general surfaces with PLASCON METAL PRIMER (UC 501). Use ZINC PHOSPHATE PRIMER RED OXIDE (UC 207) for structural steelwork. N.B.: Millscale must be removed by abrasive blasting or mechanical grinding before coating. Galvanised steel: Clean with GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly with water to achieve a water break-free surface. Remove any red rust with scouring pads or sanding back to bright metal. Spot prime areas where rust has been removed with COASTCOTE ETCH PRIMER RED OXIDE (SNK 2) – see Product Data Sheet for application details. Prime the entire surface with GALVANISED IRON PRIMER (GIP 1). PREVIOUSLY PAINTED SURFACES <ol style="list-style-type: none"> Old paint in good condition: Remove any loose and flaking paint, clean and spot prime with the appropriate primer. Clean paintwork with POLYCELL SUGAR SOAP POWDER CLEANER solution and rinse thoroughly. Sand glossy enamel areas to a matt finish. Prime masonry surfaces containing emulsion paint with PLASCON PLASTER PRIMER (UC 56). Old paint in poor condition: Strip completely and proceed as for new work. FILLING: Fill defects with POLYCELL MENDALL 90 ALL PURPOSE ADHESIVE FILLER or POLYFILLA INTERIOR CRACK FILLER. Fill wood and fibre-cement with POLYCELL MENDALL 90. UNDERCOAT: Not normally required – Prepared and primed surfaces may be coated directly with SUPER EGGSHELL ENAMEL.
Application	<ul style="list-style-type: none"> SUPER EGGSHELL ENAMEL is ready for use for brush or roller application. For spray application thin as recommended. Apply one or more coats to achieve complete obliteration.
Cautions	<ul style="list-style-type: none"> Complete each area with the same batch number to ensure consistent colour and gloss. Not recommended for chemical environments.
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.
Transportation	This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).

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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