



Barloworld
Plascon South Africa

PROFESSIONAL HIGH SHEEN PURE ACRYLIC

TECHNICAL DATA SHEET NO.:

L-47-G

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PRODUCT CODE: PEM 1100

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description

Highly durable washable acrylic emulsion paint for interior and exterior use.

Intended Uses

- Suitable for direct application to new plaster, concrete, porous brickwork and various types of building boards.

Features

- A high sheen finish for superior washability and stain resistance.
- A highly flexible non-porous finish.
- Ease of application, good hiding in 2 coats
- Quick drying, non-yellowing.

Product Information

Appearance	Sheen
Colour	White
Solids	Approx. 50 % by mass; 40 % by volume
S G at 23°C	1,27 kg / ℓ (typical)
Recommended DFT	Min.: 25 µm Max.: 40 µm
Theoretical spreading rate	10 m ² / ℓ @ 40 µm DFT
Practical spreading rate	Please apply appropriate correction factors.
Viscosity at 23 °C	Approx. 105 KU
Flash point	>65 °C

Application Details

Mixing	Stir thoroughly with a flat paddle until homogeneous.
Method	Brush, roller or airless spray.
Thinning	Water - see Application .
Cleaning	Water
Substrate	Thoroughly cleaned, unprimed or primed concrete, plaster, brickwork, building boards and suitably primed wood, metal and fibre-board.

Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
	Min.: 5 °C	Min.: 5 °C	-
	Or 2 °C min. above dew point		
	Max.: 40 °C	Max.: 40 °C	Max.: 85 %
Drying time	Touch dry	30 min at 23 °C	
	Dry to handle	1 h at 23 °C	
	Recoating	1 h at 23 °C	

Storage and Packaging

Store away from direct sun, heat and severe cold.

Packaging: 5ℓ and 20ℓ.

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Surface Preparation	<ul style="list-style-type: none">Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting. <ol style="list-style-type: none">NEW WORK<ol style="list-style-type: none">Cement plaster, concrete:<p>Remove any loose particles and laitance by most suitable means. N.B. Soft, underbound, friable and highly porous surfaces must be restored to a sound condition with PROFESSIONAL PLASTER PRIMER (PP 700) or by replastering - refer to Plascon Technical Services Department.</p>Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork:<p>Apply one coat of PLASTER PRIMER (PP 700). If a gypsum plaster (e.g. Rhinolite, Cretestone) has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with PLASTER PRIMER (PP 700).</p>PREVIOUSLY PAINTED SURFACES<ol style="list-style-type: none">Previously painted surfaces in sound condition:<p>Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean down with POLYCELL SUGAR SOAP POWDER CLEANER solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Sand old enamel paint surfaces to a matt finish and apply one coat of PROFESSIONAL UNIVERSAL UNDERCOAT (PU 1000).</p>Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with STRIPCLEAN SUPER PAINT STRIPPER (PR 17) or POLYCELL PAINT STRIPPER FAST PENETRATING PAINT REMOVER. Wash thoroughly with POLYCELL SUGAR SOAP. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating.FILLING<p>Fill all imperfections with POLYCELL MENDALL 90 or POLYCELL GAPFILLA and spot prime filled areas with PLASTER PRIMER (PP 700).</p>
Recommended Primer	<ul style="list-style-type: none">Concrete/Plaster: PROFESSIONAL PLASTER PRIMER (PP 700) or BONDING LIQUID (CVI 14) as required.Mild steel: PLASCON METAL PRIMER (UC 501) followed by PROFESSIONAL UNIVERSAL UNDERCOAT (PU 1000).Galvanised steel: PROFESSIONAL GALVANISED IRON PRIMER (PP 1000).Wood: PROFESSIONAL WOOD PRIMER (PP 800).
Application	Apply two coats without thinning to suitably primed surfaces to achieve complete obliteration.
Cautions	<ul style="list-style-type: none">Thinning do affects the properties of the product.Do not apply to bare metal surfaces.Avoid painting during inclement weather or if temperature is below 5 °C.Temperatures above 30 °C will significantly reduce the open time.Roller selection can have an effect on surface finish and obliteration properties.
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. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.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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