



Barloworld
Plascon South Africa

PROFESSIONAL LOW SHEEN PURE ACRYLIC

TECHNICAL DATA SHEET NO.: **L-48-J**
DATE: **JUNE 2005**

PRODUCT CODE: **PEM 1000** THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	Highly durable acrylic emulsion paint for interior and exterior use.		
Intended Uses	<ul style="list-style-type: none">Suitable for direct application to new cement plaster, concrete and various types of building boards.		
Features	<ul style="list-style-type: none">Dries to a low sheen finish with good washability and stain resistance.A highly flexible non-porous finish.Quick drying, non-yellowing, easily cleanable.		
Product Information	Appearance	Low sheen	
	Colour	White	
	Solids	Approx. 54 % by mass; 40 % by volume	
	S G	1,33 kg / ℓ (typical)	
	Recommended DFT	Min.: 25 μm	Max.: 40 μm
	Theoretical spreading rate	13m²/ℓ at 30 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	Not recommended	
	Cleaning	Water	
	Substrate	Thoroughly cleaned, primed concrete, cement plaster, building boards and suitably primed wood, metal and fibre-board.	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 5 °C
		or 2 °C min. above dew point	
	Drying time	Max.: 40 °C	Max.: 40 °C
		Max.: 85 %	
		Touch dry	30 min at 23 °C
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5ℓ and 20ℓ.	Dry to handle	1 h at 23 °C
		Recoating	1 h at 23 °C
Transportation	This product is non Hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).		

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Surface Preparation	<ul style="list-style-type: none">Ensure that surfaces are dry, sound, 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: 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).Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork: Apply one coat of PROFFESIONAL 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).PREVIOUSLY PAINTED SURFACES<ol style="list-style-type: none">Previously painted surfaces in sound condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime with appropriate primer. Clean down with POLYCELL SUGAR SOAP 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 glossy enamel surfaces to a matt finish and apply one coat of UNIVERSAL UNDERCOAT (PU 1000).Previously painted surfaces in poor condition: Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with STRIPCLEAN SUPER PAINT STRIPPER (PR 17) or POLYCELL POLYSTRIPPA. Then 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 Fill all imperfections with the appropriate Polycell filler and spot prime filled areas with PROFFESIONAL PLASTER PRIMER (PP 700).
Recommended Primer	<ul style="list-style-type: none">Concrete/Plaster: PROFESSIONAL PLASTER PRIMER (PP 700) or BONDING LIQUID(CVI 14) as required.Fibre cement: PROFESSIONAL TIMESAVER (PP 900).Mild steel: PLASCOSAFE (EMS 18) as the primer followed by PROFESSIONAL UNIVERSAL UNDERCOAT (PU 1000).Galvanised steel: PROFESSIONAL GALVANISED IRON PRIMER (PP 1000).Wood: PROFESSIONAL WOOD PRIMER (PP 800).
Application	<ul style="list-style-type: none">Apply two coats to new surfaces so as to achieve complete obliteration. For non-porous surfaces apply without thinning.
Cautions	<ul style="list-style-type: none">Do not apply to bare metal surfaces.Avoid painting during inclement weather or if temperature is below 5 °C.
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.			
BARLOWORLD PLASCON SOUTH AFRICA (PTY) LIMITED			
CAPE TOWN:	DURBAN:	MOGALE CITY	PORT ELIZABETH:
P O Box 42	Private Bag X16	(KRUGERSDORP):	P O Box 1594
Eppindust 7475	Mobeni 4060	Private Bag X4010	Port Elizabeth 6000
Tel: (021) 505-2400	Tel: (031) 451-3200	Kenmare 1745	Tel: (041) 401-1400
Fax: (021) 534-3791	Fax: (031) 451-3411	Tel: (011) 951-4500	Fax: (041) 453-4596
		Fax: (011) 955-4136	