



Barloworld
Plascon South Africa

PROFESSIONAL COPOLYMER ACRYLIC

TECHNICAL DATA SHEET NO.:

L-45-F

DATE:

OCTOBER 2004

PRODUCT CODE: PEM 600

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A medium quality modified acrylic emulsion paint for interior and exterior use.		
Intended Uses	<ul style="list-style-type: none">• A quick drying, good opacity, medium quality pva for exterior and interior walls and ceilings.• Used on suitably prepared new plaster, concrete, porous brickwork and various types of building boards.• Also used as a finishing coat on appropriately primed and undercoated wood, metal, etc.		
Product Information	Appearance	Matt	
	Colour	White	
	Solids	Approx. 52 % by mass; 33 % by volume	
	S G at 23°C	1,5 kg/ℓ (typical)	
	Recommended DFT	Min.: 20 μm	Max.: 40 μm
	Theoretical spreading rate	11 m ² /ℓ at 30 μm DFT	
	Practical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	115 KU (typical)	
	Flash point	Non-flammable	
Application Details	Mixing	Ready for use. No thinning required. Stir thoroughly with a flat paddle until homogeneous.	
	Method	Brush, roller or airless spray.	
	Thinning	Water - not normally required.	
	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
		Min.: 5 °C	Min.: 5 °C
		or 2 °C min. above dew point	
		Max.: 40 °C	Max.: 35 °C
		Max.: 75 %	
	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 and severe cold. Packaging: 5 ℓ and 20 ℓ		
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, 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: 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. Gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board, porous brickwork: Apply one coat of PROFESSIONAL PLASTER PRIMER (PP 700). If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with PROFESSIONAL PLASTER PRIMER (PP 700). PREVIOUSLY PAINTED SURFACES <ol style="list-style-type: none"> Previously painted surfaces in sound condition: Remove dirt, dust, chalked layers and general soiling by washing down with POLYCELL SUGAR SOAP POWDER CLEANER solution and rinsing well with fresh water. Alternatively, clean with high pressure water jet. Remove loose paint. Sand old enamel paint areas to a uniform matt finish and apply PROFESSIONAL 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 POLYCELL PAINT STRIPPER FAST PENETRATING PAINT REMOVER to sound substrate. 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 defects with POLYCELL MENDALL 90 ALL PURPOSE ADHESIVE FILLER and spot prime filled areas with PROFESSIONAL PLASTER PRIMER (PP 700).
Recommended Primer	<p>Concrete/Plaster: PROFESSIONAL PLASTER PRIMER (PP 700) or BONDING LIQUID (CVI 14) as required.</p> <p>Fibre-cement: PROFESSIONAL TIMESAVER (PP 900).</p> <p>Mild steel: PLASCON METAL PRIMER (UC 501).</p> <p>Galvanised steel: PROFESSIONAL GALVANISED IRON PRIMER (PP 1000).</p> <p>Wood: PROFESSIONAL WOOD PRIMER (PP 800).</p>
Application	<ul style="list-style-type: none"> Apply two or three coats to new surfaces so as to achieve complete obliteration. For non-porous surfaces apply without thinning. For normal porous surfaces, thin first coat only 10 parts paint to 1 part water. For highly porous surfaces, thin first coat 5 parts paint to 1 part water. Preferably seal with PROFESSIONAL PLASTER PRIMER (PP 700).
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.

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