



A member of the **FREEWORLD**
COATINGS GROUP

PLASCON PROFESSIONAL EVOLUTION WATER BASED ENAMEL

PRODUCT DATA SHEET NO.: PR-6

DATE:

July 2009

PRODUCT CODE: PEW 1003 and PEW 1004

Product Description	Premium quality solvent free gloss paint for interior trims and walls.		
Intended Uses	<ul style="list-style-type: none">• For application to interior trims – doors, windows, skirting boards.• Suitable for wall application to high wear areas• Ideal on projects where green buildings certification is required.		
Features	<ul style="list-style-type: none">• Environmentally friendly – No solvents , Ammonia ,APEO's and Formaldehyde• No odour.• Green building compliant for interior Gloss• Glossy finish• Fully washable and stain resistant• Quick drying - 2 coats can be applied in one day.• VOC <1.0g/L		
Product Information	Appearance	Gloss	
	Colours	White and Black	
	Generic type	Acrylic emulsion	
	Solids	Approx. 54 % by mass; 44 % by volume	
	S G	1,22 (typical for White)	
	Recommended DFT per coat	Min.: 40 µm	Max.: 50 µm
	Practical spreading rate	10 m ² /ℓ (typical per coat)	
	Viscosity at 23 °C	Approx. 90 KU (typical)	
	Dry temp. resistance	Continuous	: 65 °C
		Non-continuous	: 85 °C
	Flash point	Non-flammable	
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.	
	Method	Brush, roller.	
	Thinning	Only when applying to new wooden surfaces – 10% max	
	Cleaning	Water	
	Substrate	Clean, prepared cement plaster, concrete, fibre-cement and ceiling boards.	
	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	2 h at 23 °C
		Recoating	2 h at 23 °C
Storage and Packaging	Store indoors away from direct sun, heat (Max 40°C) and severe cold (Temperature < 4°C) Packaging: 5 l and 20 l		

PLASCON PROFESSIONAL EVOLUTION

WATER BASED ENAMEL- PEW1003 and 1004

Surface Preparation	Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.
1.	NEW WORK
1.1	Ceiling boards cement plaster, concrete, unglazed brickwork, fibre-cement: Remove any loose particles by the most suitable means. Apply one coat Evolution Water Based Plaster primer .
1.2	New Wood: Sand smooth with 150 grit paper working in the direction of the grain. Dust off. Thin first coat with water (10%). Apply second coat undiluted, sand smooth with 150 grit paper. Dust off and apply third coat undiluted. Avoid painting over wood knots and wood that contains a high degree of tannin.
2.	PREVIOUSLY PAINTED SURFACES
2.1	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 bare areas with appropriate primer. Clean with POLYCELL SUGAR SOAP solution to remove all contaminants. Rinse with clean water to remove all traces of SUGAR SOAP . Sand glossy enamel surfaces to a matt finish and apply direct.
2.2	Previously painted surfaces in poor condition: Completely remove paint by using the appropriate Removall product and treat as for new work.
3.	FILLING Fill all imperfections with POLYCELL MENDALL 90 or POLYCELL POLYFILLA INTERIOR and spot prime filled areas with PLASCON PROFESSIONAL EVOLUTION PLASTER PRIMER (PEP 850)
Application	• Apply two or three coats unthinned to prepared surfaces so as to achieve complete obliteration. .
Cautions	• Avoid painting during inclement weather or if temperature is below 5 °C. • To ensure that colours on a project are consistent check that batch numbers are the same.
Safety Precautions	• 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 Product Data Sheet (PDS). It is the responsibility of the user to ensure that the latest PDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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