



PLASCON PROFESSIONAL WATERPROOFING COMPOUND

M-98-B

JUNE 2005

PRODUCT CODE: PWC 520

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	An extremely durable waterbased coating with exceptional flexibility, abrasion resistant and waterproofing properties.			
Intended uses	• Sealer coating. • Waterproofing compound for walls, parapets, etc. • Coating to bridge small plaster cracks.			
Features	Resistance to: Acids: (24 h immersion at 23 °C) 10 % Hydrochloric acid Good 10 % Sulphuric acid Good Fire: Good Abrasion: Good Impact: Good Water: Excellent			
Product Information	Appearance	Matt		
	Colour	Off - White		
	Solids	Approx. 63 % by mass; 50 % by volume		
	Recommended DFT	2 – 5 mm		
	Typical spreading rate	0.2 m ² / ℓ @ 3mm DFT		
	Viscosity at 23 °C	500 – 550 grams (KU - paste paddle)		
	S G at 23 °C	1,19 kg / ℓ (typical)		
	Flash Point	>65 °C		
Application Details	Mixing	Ready for use. Stir thoroughly with a flat paddle until homogenous before use.		
	Method	Airless H-gun with 28 to 40 thou tip. Heavy materials spray equipment with pressure vessel and airless 4 mm head. Trowel		
	Substrate	Correctly prepared and primed surfaces.		
	Cleaning	Water		
	Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
		Min.: 10 °C	Min.: 10 °C	-
		or 2 °C min. above dew point		
		Max.: 45 °C	Max.: 40 °C	Max.: 85 %
	Drying time	Dry to handle 4 h at 23 °C		
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5ℓ, 20ℓ.			
Transportation	This product is non – hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).			

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Surface Preparation	- Ensure surfaces to be coated are correctly prepared and primed and free of contaminants etc. dust, dirt, oil or grease. MILD STEEL: - For best performance the preferred treatment is to abrasive blast clean steel surfaces to grade Sa 2 ½ of the ISO 8501-1: 1988E with a blast profile of 30 – 35 µm. - Alternatively prepare steel by wire brushing to grade St 3 of the above standards or St 2 (i.e. remove loose rust and all other contaminants). This treatment, however, is not as effective and results in a shorter maintenance-free life. CEMENT PLASTER: - Porous cement plaster and masonry surfaces must be treated with PROFESSIONAL PLASTER PRIMER (PP 700) and left to dry for 24 hrs before coating with PWC 520.
Recommended Primer (Mild Steel)	Prime with PLASCOSAFE 18 PRIMER (EMS 18).
Application	Apply one full coat.
Caution	High humidity and low temperatures will retard drying.
Safety Precautions	- Non-flammable. No special hazards - apply normal precautions during use. - Keep out of reach of children. - 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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