

PROFESSIONAL WATERPROOFING COMPOUND

PRODUCT CODE: PWC 520

TECHNICAL DATA SHEET

Product Description	An extremely durable water based coating.														
Intended uses	<ul style="list-style-type: none"> • Sealer coating. • Waterproofing compound for walls, parapets, etc. • Coating to bridge small plaster cracks as well as repaired plaster cracks 														
Features & Benefits	<ul style="list-style-type: none"> • Exceptional flexibility • Abrasion resistant • Resistant to oil, diesel, dilute Hydrochloric and sulphuric acid spillage. • Waterproofing compound for walls, parapets etc. • Ready for use • No added lead 														
Product Information	Appearance	Matt													
	Colour	Off White													
	Volume Solids	50%													
	Viscosity at 23 °C	500 – 550 grams (KU - paste paddle)													
	Recommended DFT	Brush/roller 200 – 300, Trowel: 1000 µm													
	Recommended WFT	Brush/roller 400 – 600 µm, Trowel: 2000 µm													
	Theoretical spreading rate	2 m ² /L @ 250µm DFT													
	Practical spreading rate	The practical spreading rate will vary depending on the surface profile of the substrate, as well as the application technique and tools used.													
	TVOC	10 g/L													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous before use.													
	Method	Brush, Roller or Trowel.													
	Substrate	Correctly prepared and primed surfaces.													
	Thinning	Thin 5% for brush and roller application. Trowel application unthinned.													
	Cleaning	Water													
	Drying time	Touch Dry: 1 h @ 23 °C Over coating: 4 h @ 23 °C													
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 2 °C min. above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85%</td> </tr> </tbody> </table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Max: 40 °C	Max: 40 °C	Max: 85%													
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 20L.														
Surface Preparation	Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting														
	1. NEW WORK														
	1.1 Cement plaster, concrete and porous brickwork: Remove any loose particles and laitance by most suitable means and prime with PROFESSIONAL GYPSUM & PLASTER PRIMER (PP 700) . NB. Soft underbound, friable and highly porous surfaces must be restored to a sound condition with PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700) or BONDING LIQUID (CV1 14) .														
	1.2 Fibre cement board: prime with BONDING LIQUID (CV1 14) . Mild Steel: Degrease with AQUASOLV DEGREASER (GR 1) . Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. Prime general surfaces the same day with ZINC PHOSPHATE PRIMER (UC 170) or PLASCOSAFE 18 PRIMER (EMS 18) .														
	1.3 Galvanised steel: Clean with GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with PLASCOSAFE 18 PRIMER (EMS 18) or METALCARE GALVANISED IRON PRIMER (GIP 1) .														

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Surface Preparation Continued	<p>2. PREVIOUSLY PAINTED SURFACES</p> <p>2.1 Previously painted surfaces in good 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 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 glossy enamel surfaces to a matt finish and apply one coat of PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800).</p> <p>2.2 Previously painted surfaces in poor condition: Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220) 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.</p> <p>3 FILLING & CRACK REPAIR Fill all imperfections with POLYCELL MENDALL 90 and spot prime filled areas with PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700). Repair cracks: <4mm using POLYCELL MENDALL 90, >4mm using POLYCELL MASONRY PATCHING PLASTER. Prime repaired cracks using PROFESSIONAL GYPSUM & PLASTER PRIMER (PP 700).</p>
Application	<ul style="list-style-type: none"> • Apply multiple coats as needed • Thin 5% with water for application by brush or medium pile roller, (Apply at 400-600 µm WFT per coat). Whilst wet smooth out any texture or stipple and taper the edges using a water wet brush. Should this not be done, the profile of the WATERPROOFING COMPOUND (PWC 520) will be visible • Trowel: Apply product un-thinned up to 2000 µm WFT or as required
Caution	<ul style="list-style-type: none"> • High humidity and low temperatures will retard drying.
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. • Harmful if swallowed. Do not induce vomiting. Seek medical attention. • Refer to Safety Data Sheet for complete information

DISCLAIMER:

The recommendations contained herein are given in 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.

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

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