

## PLASCON MULTI-SURFACE PRIMER

PRODUCT CODE: WUP 1

### TECHNICAL DATA SHEET

<b>Product Description</b>	A water-based multi -surface primer for use on a variety of specified surfaces.													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>For use over appropriately cleaned specified surfaces to provide good adhesion for paint systems.</li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>A water-based primer that provides good adhesion</li> <li>It may be overcoated with a wide range of topcoats such as alkyds, vinyl and water-based types, but two-pack polyurethanes, epoxies and nitro-cellulose lacquers are not recommended.</li> </ul>													
<b>Product Information</b>	Appearance	Semi-gloss												
	Colour	White												
	Generic type	Acrylic emulsion												
	Solids	Approx 54% by mass; 39 % by volume												
	S G	1,22 (typical)												
	Recommended DFT	Min: 40 µm												
	Viscosity at 23 °C	Approx. 94 KU												
	Flash point	Non flammable												
	Calculated Max VOC	23 g/ℓ												
	Theoretical spreading rate	8.7 m <sup>2</sup> /ℓ per coat at 45 µm DFT. This serves as a guide only												
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Brush , roller and airless spray												
	Thinning	Not recommended												
	Cleaning	Water												
	Substrate	Suitably prepared plaster, steel, and wood,												
	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 min 2 °C 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 min 2 °C above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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	Drying time	Touch Dry 4 – 6 hrs at 23 °C Overcoating : With water-based topcoat 4 h at 23 °C With solvent based topcoat 24 h at 23 °C Maximum overcoating time 48 hours Longer drying times will be experienced at high relative humidity												
<b>Storage &amp; Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 1 ℓ and 5 ℓ .													

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<b>Surface Preparation</b>	Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.
	<ol style="list-style-type: none"> <li>1. <b>GALVANISED IRON:</b> <ol style="list-style-type: none"> <li>1.1 <b>New Galvanised iron:</b> Clean with <b>METALCARE GALVANISED IRON CLEANER (GIC 1)</b> to obtain a water break-free surface. Rinse and allow to dry. Sand lightly to provide a key for subsequent coats of paint.</li> <li>1.2 <b>Weathered galvanised iron:</b> Remove oil and grease by using <b>AQUASOLV DEGREASER (GR 1)</b> followed by clean water rinses. Remove rust by coarse sanding, wire brushing etc. back to clean bright metal. Clean surface area using <b>METALCARE GALVANISED IRON CLEANER (GIC 1)</b> and rinse thoroughly to obtain a water break-free surface.</li> </ol> </li> <li>2. <b>PLASTER/FIBRE CEMENT/CEMENT BRICKS:</b> Remove oil, grease and dirt with <b>POLYCELL SUGAR SOAP POWDER</b> solution, rinse well and allow to dry. Remove loose friable material by wire brushing. Rinse with clean water and allow to dry.</li> <li>3. <b>WOOD</b> Fill defects with <b>POLYCELL MENDALL 90</b>. Seal knots with <b>WOODCARE KNOT SEAL (PK 2)</b> Sand lightly and dust off</li> <li>4. <b>MILD STEEL/PVC/ALUMINIUM:</b> Remove oil, grease and any other contaminants with <b>AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with clean water and allow to dry. Remove any rust or peeling paint with the appropriate <b>REMOVAL COATING/RUST REMOVER</b> product or by sanding or wire brushing. Rinse thoroughly with clean water and allow to dry.</li> <li>5. <b>SURFACES PREVIOUSLY PAINTED WITH ENAMELS AND OTHER GLOSSY FINISHES:</b> Remove mould with bleach and rinse well. Remove grease and oil with <b>POLYCELL SUGAR SOAP</b> solution, particularly around stoves and other food preparation areas. Sand glossy areas to a matt finish. Fill all defects with the appropriate <b>POLYCELL POLYFILLA</b> product.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply by brush or roller. It can be sprayed using airless spraying equipment without thinning. However, if dilution is necessary, use a minimum amount of <b>WATER</b> only.</li> </ul>
<b>Cautions</b>	<ul style="list-style-type: none"> <li>• Not suitable for use on Rhinolite.</li> <li>• Two-pack polyurethanes, epoxies and nitro-cellulose lacquers are not recommended for overcoating.</li> <li>• Ensure that surface preparation recommendations are adhered to.</li> <li>• Observe overcoating times.</li> <li>• Avoid painting during inclement weather or if temperature is below 10 °C.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Keep out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• In case of skin contact, wash with soap and water or a recognized skin cleaner.</li> <li>• Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.</li> <li>• Harmful if swallowed. Do not induce vomiting. Seek medical attention.</li> <li>• Refer to Material Safety Data Sheet for complete information.</li> </ul>

## 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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