

# PROFESSIONAL ALKALI RESISTANT PLASTER PRIMER

PRODUCT CODE: PP 950

## TECHNICAL DATA SHEET

<b>Product Description</b>	An alkali resistant primer for masonry surfaces.														
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>As a barrier coat on alkaline substrates such as interior and exterior cement plaster and concrete to protect subsequent coats against alkali burn.</li> <li>As a binding and sealing coat on soft and friable cement plaster, concrete and brickwork.</li> </ul>														
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Protects topcoats from alkali burn and efflorescence</li> <li>Can be used under solvent-based and water-based top coats</li> <li>Provides good adhesion</li> </ul>														
<b>Product Information</b>	Appearance	Low Sheen													
	Colour	White													
	Generic type	Synthetic copolymer													
	Solids	Approx. 52% by mass; 34% by volume													
	Recommended DFT	Min: 45 µm Max: 65 µm													
	Recommended WFT	132 µm - 191 µm													
	Viscosity at 23 °C	85 - 90 KU (approx.)													
	Theoretical spreading rate	6.2 m <sup>2</sup> /L @ 55 µm (Typical)													
	Practical spreading rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.													
	TVOC	407 g/L													
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.													
	Method	Brush, roller or spray.													
	Thinning	Ready for use by brush or roller application. For spray application to non-porous substrates thin approximately 10 parts <b>PRIMER</b> with 1-part <b>MINERAL TURPENTINE (AZH 1)</b> by volume.													
	Cleaning	<b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER</b>													
	Drying time	Touch dry: 4 h @ 23 °C Over coating: 16 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 3 °C min. above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Ma.: 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 3 °C min. above dew point			Max: 40 °C	Ma.: 40 °C	Max: 85 %
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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 20 L.														

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<b>Surface Preparation</b>	<p>Surfaces must be clean, dry, firm and free from dust, oil, grease or any other contaminants before painting</p> <ol style="list-style-type: none"> <li>1. <b>NEW WORK:</b> Remove oil, grease dirt or any other contaminants with <b>POLYCELL SUGAR SOAP POWDER</b> solution or <b>AQUASOLV DEGREASER (GR 1)</b> for heavier contamination. Follow with fresh water rinses to remove all traces of cleaning agents.</li> <li>2. <b>PREVIOUSLY PAINTED SURFACES:</b> <ol style="list-style-type: none"> <li>2.1 <b><u>Previously painted surfaces in good condition:</u></b> Remove loose paint and clean with <b>POLYCELL SUGAR SOAP POWDER</b> solution. Fill defects with the appropriate <b>POLYCELL POLYFILLA</b> product.</li> <li>2.2 <b><u>Previously painted surfaces in poor condition:</u></b> Loose flaking paint must be completely removed by scraping/hydro blasting. Rinse and allow to dry. Where paint surfaces have chalked on exterior exposure remove as much loose powder as possible by scrubbing with a <b>POLYCELL SUGAR SOAP POWDER</b> solution. Rinse with clean water and allow to dry.</li> </ol> </li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply one coat of <b>PROFESSIONAL ALKALI RESISTANT PLASTER PRIMER (PP 950)</b> to achieve a continuous film.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• Where high PH values are experienced apply the Primer to maximum film build.</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>• Always keep paint out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.</li> <li>• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>• Harmful if swallowed. Seek medical attention and do not induce vomiting.</li> <li>• Do not smoke while painting.</li> <li>• Flammable. Store in a cool dry place away from heat and sparks.</li> <li>• Refer to 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.

**NB:** 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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