

## PROFESSIONAL GYPSUM & PLASTER PRIMER

PRODUCT CODE: PP 700

### TECHNICAL DATA SHEET

| <b>Product Description</b>     | A Solvent based primer for masonry and gypsum surfaces.                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
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| <b>Intended Uses</b>           | <ul style="list-style-type: none"> <li>As a primer coat on alkaline substrates such as interior and exterior cement plaster and concrete.</li> <li>As a binding and sealing coat on soft and brittle cement plaster, porous paper-face board, brickwork, soft board and gypsum plaster.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Features &amp; benefits</b> | <ul style="list-style-type: none"> <li>Provides good adhesion.</li> <li>Can be used under solvent-based and water-based top coats.</li> </ul>                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Product Information</b>     | Appearance<br>Colour<br>Generic type<br>Volume Solids<br>Viscosity at 23 °C<br>Recommended DFT<br>Recommended WFT<br>Theoretical spreading rate<br>Practical spreading rate<br><br>TVOC                                                                                                            | Matt<br>White<br>Synthetic copolymer<br>35%<br>65-75 KU (approx.)<br>35 µm - 45 µm<br>100 µm - 129 µm<br>8.8 m <sup>2</sup> /L per coat @ 40 µm DFT. This serves as a guide only<br>The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.<br>423 g/L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Application Details</b>     | Mixing<br><br>Substrate<br><br>Method<br>Thinning<br><br>Cleaning<br>Drying time<br><br>Application Environment                                                                                                                                                                                    | Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.<br>Thoroughly prepared concrete, plaster, brickwork and various building boards.<br>Brush, roller or spray.<br>Ready for use by brush or roller application. For spray application to non-porous substrates thin approximately 10 parts <b>GYPSUM AND PLASTER PRIMER</b> with 1 part <b>SPRAYING THINNER (TH 3)</b> or <b>MINERAL TURPENTINE (AZH 1)</b> by volume.<br><b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER</b><br>Touch dry: 4 h @ 23 °C<br>Over coating: 16 h @ 23 °C<br><br><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: 35 °C</td><td>Ma.: 35 °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: 35 °C | Ma.: 35 °C | Max: 85 % |
| Surface Temperature            | Ambient Temperature                                                                                                                                                                                                                                                                                | Relative Humidity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| Min: 10 °C                     | Min: 10 °C                                                                                                                                                                                                                                                                                         | Min: 10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| Or 2 °C min. above dew point   |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| Max: 35 °C                     | Ma.: 35 °C                                                                                                                                                                                                                                                                                         | Max: 85 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                     |                   |            |            |          |                              |  |  |            |            |           |
| <b>Storage and Packaging</b>   | Store away from direct sun, heat and severe cold.<br>Packaging: 5L and 20L                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                     |                   |            |            |          |                              |  |  |            |            |           |

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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> <p><b>NEW WORK:</b></p> <p><b><u>Cement plaster, concrete:</u></b><br/>Remove oil, grease dirt or any other contaminants with <b>POLYCELL SUGAR SOAP POWDER</b> solution or <b>AQUALSOLV DEGREASER (GR 1)</b> for heavier contamination. Follow with fresh water rinses to remove all traces of cleaning agents.</p> <p><b><u>Boards e.g. gypsum, fibre board etc.:</u></b><br/>Ensure surface is free from dust, clean sound and dry.</p> <p><b>2. PREVIOUSLY PAINTED SURFACES:</b></p> <p><b>2.1 <u>Previously painted surfaces in good condition:</u></b><br/>Remove loose paint and clean with <b>POLYCELL SUGAR SOAP POWDER</b> solution. Fill defects with the appropriate <b>POLYCELL POLYFILLA</b> product.</p> <p><b>2.2 <u>Previously painted surfaces in poor condition:</u></b><br/>Loose flaking paint must be completely removed using <b>REMOVAL ALL PURPOSE PAINT REMOVER (RRA 220)</b> or 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.</p> |
| <b>Application</b>         | <ul style="list-style-type: none"> <li>• Apply one coat of <b>PROFESSIONAL GYPSUM &amp; PLASTER PRIMER (PP 700)</b> to achieve a continuous film</li> <li>• Allow 16 Hours to dry.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Caution</b>             | <ul style="list-style-type: none"> <li>• <b>New</b> plaster should be allowed to dry for at least 28 days before priming.</li> <li>• Not recommended for areas where high alkalinity is expected or for use as a primer for alkali sensitive colours on alkaline surfaces. For this application, <b>PROFESSIONAL PLASTER PRIMER (PP 950)</b> is recommended.</li> <li>• Refer to Trade Specifications Manual for Alkali sensitive colours</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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