

PROFESSIONAL WATERBASED GYPSUM SEALER

PRODUCT CODE: PGS 1

TECHNICAL DATA SHEET

Product Description	A water-based sealer for Gypsum, and masonry surfaces.													
Intended Uses	For use on interior and exterior surfaces, such as thoroughly cleaned, un-primed concrete, cement plaster, fibre-cement, Crestone, Rhinolite, Gypsum plaster, MDF and Masonite													
Features & Benefits	<ul style="list-style-type: none"> • Water based. • Reduced odour. • GBSA VOC compliant for interior sealers. • Improves adhesion of water-based topcoats. • Quick over coating. • Good obliteration and spread-ability. • Alkali resistant on surfaces where moisture content is less than 8 % on cement plaster. 													
Product Information	Appearance	Smooth matt												
	Colour	Off -white												
	Volume Solids	21 %												
	S G at 23 °C	1,20 kg/L (typical for white)												
	Recommended DFT	25 - 35 µm												
	Recommended WFT	119 - 167 µm												
	Calculated Max VOC	65 g/L												
	Viscosity at 23 °C	Approx. 80 - 90 KU												
	Theoretical spreading rate	7 m ² /L at 30 µm DFT												
	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.												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Brush, roller or airless spray.												
	Thinning	Ready for use. Thinning not recommended												
	Cleaning	Water												
	Drying time	Touch dry: 30 mins @ 23 °C Over coating: 1 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>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 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 20 L													
Surface Preparation	<p>Ensure that surfaces are clean, dry and sound.</p> <p>1. CEMENT PLASTER & CONCRETE: Remove oil, grease dirt or any other contaminants with PLASCON AQUASOLV DEGREASER (GR 1). Rinse with clean water and allow to dry. Moisture content measured on a Doser Hygrometer must be below 8 % (B2 Scale) for cement plaster and 5 % (B4 Scale) for concrete.</p> <p>2. GYPSUM SURFACES: Ensure surfaces are clean dry and sound. Gypsum surfaces must not be powdery or friable. Moisture content must be below 8 % measured on a Doser Hygrometer B2 Scale.</p> <p>3. BOARDS: E.G. MDF, MASONITE Ensure surfaces are clean dry and sound. Moisture content must be <14 % measured on a Doser Hygrometer scale A1-A5 (or equivalent) depending on generic board type.</p>													



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Application	<ul style="list-style-type: none">• Apply one coat of PROFESSIONAL WB GYPSUM SEALER (PGS 1) to achieve a continuous film.• Allow 1 hour to dry.
Cautions	<ul style="list-style-type: none">• Not to be used in damp areas and on highly alkaline surfaces.• For highly alkaline surfaces use PROFESSIONAL ALKALINE RESISTANT PLASTER PRIMER (PP 950).• Do not thin product• Remove powder or dust contamination by wiping with a damp cloth to ensure good adhesion.• Ensure that surface preparation recommendations are adhered to.• Observe over coating times.• Avoid painting during inclement weather or if temperature is below 10 °C.• Not recommended for surfaces with more than 8 % moisture• Note: Water soluble wall paper adhesive can cause adhesion failure and should be tested first. Apply the wallpaper to a small area and leave for 72 hours. Check for any reaction in the form of bubbles that could occur on the wallpaper. If no reaction is visible continue. Adhesives with low water content are more suitable.
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.

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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