

PROFESSIONAL ALL PURPOSE UNDERCOAT

PRODUCT CODE: PU 800

TECHNICAL DATA SHEET

Product Description	An alkyd-based undercoat.														
Intended Uses	Used as a general-purpose interior and exterior undercoat on previously painted or suitably primed plaster, wood and metal														
Features & Benefits	<ul style="list-style-type: none"> • Provides good adhesion to most types of primers • Good inter coat adhesion on aged alkyd enamels • Can be over coated by a variety of alkyd and emulsion-based topcoat systems 														
Product Information	Appearance	Matt													
	Colour	White													
	Volume Solids	43%													
	Viscosity at 23 °C	80 KU approx.													
	Recommended DFT	25 – 40 µm													
	Recommended WFT	58 – 93 µm													
	Theoretical spreading rate	14.3 m ² /L @ 30 µm.													
	VOC	300 g/L													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.													
	Substrate	Well prepared, primed and previously painted surfaces.													
	Method	Brush, roller or spray.													
	Thinning	Ready for use by brush and roller application. For spray application thin approximately 10 parts UNDERCOAT to 1-part MINERAL TURPENTINE (AZH 1) by volume.													
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER													
	Drying time	Touch dry: 4 h @ 23 °C Over coating: 16 h @ 23 °C. Max: 4 days													
	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: 5 L and 20 L.														
Surface Preparation	<p>All surfaces must be clean, sound and dry, free from grease, oil or any other contaminants.</p> <ul style="list-style-type: none"> • Degrease with POLYCELL SUGAR SOAP POWDER (501703). Rinse thoroughly with clean water. • Old hardened glossy surfaces must be abraded to a matt finish to improve inter coat adhesion of the undercoat. • Plaster and concrete: Prime with PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700) • Mild steel: Prime with PLASCOPRIME 170 (UC 170). Lightly abrade to improve topcoat adhesion. • Galvanised steel: Prime with GALVANISED IRON PRIMER (GIP 1) • Aluminium: Prime with EPIWASH STRONTIUM CHROMATE PRIMER (AW 255) • Wood: Prime with PLASCON WOOD PRIMER (UC 2) 														
Application	<ul style="list-style-type: none"> • Ready for use by brush and roller application. • For spray application thin as recommended. 														
Cautions	<ul style="list-style-type: none"> • Must be over coated within 4 days to avoid inter coat adhesion problems. • Avoid painting during inclement weather or if temperature is below 10 °C 														



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**Safety
Precautions**

- Always keep paint out of reach of children.
 - Ensure good ventilation during application and drying.
 - If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
 - Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
 - Harmful if swallowed. Seek medical attention and do not induce vomiting.
 - Do not smoke while painting.
 - Flammable. Store in a cool dry place away from heat and sparks.
 - Refer to Safety Data Sheet for complete information.
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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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