



PLASCON UNIVERSAL UNDERCOAT

PRODUCT CODE: UC 1

TECHNICAL DATA SHEET NO: PL-47

DATE: JANUARY 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A universal alkyd based undercoat.													
Intended Uses	<ul style="list-style-type: none">Used as a sandwich coat to improve intercoat adhesion between a primer and a topcoat. Also used as a sandwich coat between an existing solvent based topcoat and a water based topcoat.Used as a general purpose undercoat on previously painted or suitably primed plaster, wood, metal, etc.Provides additional build and filling for superior protection.													
Features	<ul style="list-style-type: none">Provides excellent adhesion.May be overcoated by a variety of alkyd and emulsion based topcoat systems.													
Product Information	Appearance	Matt												
	Colour	White												
	Solids	Approx. 64 % by mass; 43 % by volume												
	Recommended DFT	Min.: 25 µm Max.: 40 µm												
	Theoretical spreading rate	14.3 m ² /ℓ at 30 µm DFT												
	Viscosity at 23 °C	75 - 80 KU (typical)												
	S G	1,31 kg/ℓ												
	Flash Point	Min. 37 °C												
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	Not recommended to thin for brush and roller application. For spray application thin approximately 10 parts UNDERCOAT to 1 part SPRAYING THINNER (TH 3) by volume.												
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER.												
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><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: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr></table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Max: 40 °C	Max: 40 °C	Max: 85%												
	Drying time	Touch dry 4 h at 23 °C Recoating 16 h at 23 °C Dry to handle 16 h at 23 °C												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 500 ml, 1 ℓ, 5 ℓ and 20 ℓ.													



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Surface Preparation	<p>All surfaces must be clean, sound, dry and free from grease, oil or any other contaminants. Old hardened glossy surfaces must be abraded to a matt finish to improve intercoat adhesion of the undercoat.</p> <ol style="list-style-type: none">1. Plaster/concrete: Remove oil, grease and dirt with POLYCELL SUGAR SOAP POWDER solution, rinse well and allow to dry. Remove loose friable material by wire brushing. Rinse with clean water and allow to dry. Prime with PLASCON PLASTER PRIMER (UC 56)2. Mild steel: Remove oil, grease and any other contaminants with AQUASOLV DEGREASER (GR 1) followed by fresh water rinses to remove all traces of detergent. Prime with METALCARE MILD STEEL PRIMER (UC 501) or METALCARE METAL WB PRIMER (MWP 1)3. Galvanised steel: Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly to obtain a water break-free surface. Prime with METALCARE GALVANISED IRON PRIMER (GIP 1)4. Aluminium: Remove oil, grease and any other contaminants with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with clean water and allow to dry. Prime with METALCARE ETCH PRIMER (SNK 100/200)5. Wood: Sand lightly and dust off. 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.• Allow to dry overnight and sand lightly to improve topcoat adhesion.
Caution	<ul style="list-style-type: none">• Must be overcoated within 4 days to avoid intercoat adhesion problems.
Safety Precautions	<ul style="list-style-type: none">• 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 Material Safety Data Sheet for complete information.

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.

N.B. TO ORDER: Quote product name, product code number, packaging and colour.

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