



# CROWN ARCTIC WHITE

PRODUCT CODE: CAW 1

TECHNICAL DATA SHEET NO: C-3

DATE: APRIL 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	An economy acrylic PVA that can be used on both interior and exterior surfaces.														
Intended Uses	<ul style="list-style-type: none"><li>For use on exterior and interior walls.</li><li>Used on suitably prepared new plaster, concrete, porous brickwork and various types of building boards.</li></ul>														
Features & Benefits	<ul style="list-style-type: none"><li>High hiding</li><li>Smooth white finish</li><li>Easy application by brush and roller</li></ul>														
Product Information	Appearance	Matt													
	Colour	White													
	Generic type	Modified acrylic emulsion													
	Solids	Approx. 54 % by mass; 33 % by volume													
	S G	1,44 (typical)													
	Flash point	Non-flammable													
	Theoretical spreading rate	11 m²/ℓ per coat @ 30 µm DFT. This serves as a guide only.													
	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	Ready for use.													
		Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller or airless spray.													
	Thinning	Not recommended													
	Cleaning	Water													
	Substrate	Suitably prepared concrete, cement plaster, brickwork and building boards.													
	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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Min: 10 °C	Min: 10 °C	Min: 10%													
or 2 °C min. above dew point															
Max: 40 °C	Max: 40 °C	Max: 85 %													
	Drying time	Touch dry 30 min at 23 °C													
		Dry to handle 1 h at 23 °C													
		Overcoating 1 h at 23 °C													
Storage &Packaging	Store away from direct sun and severe cold.														
	Packaging: 5 ℓ and 20 ℓ														



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<b>Surface Preparation</b>	<p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"><li><b>NEW WORK</b><ol style="list-style-type: none"><li><b>Cement plaster, concrete:</b><p>Remove any loose particles and laitance by most suitable means. Prime with <b>CROWN PLASTER PRIMER (CPP 2)</b>. <b>N.B.</b> Soft, underbonded, friable and highly porous surfaces must be restored to a sound condition with <b>CROWN PLASTER PRIMER (CPP 2)</b>.</p></li><li><b>Gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board, porous brickwork:</b><p>Apply one coat of <b>CROWN PLASTER PRIMER (CPP 1)</b>. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with <b>CROWN PLASTER PRIMER (CPP 2)</b>.</p></li><li><b>Fibre-cement:</b><p>Prime with <b>BONDING LIQUID (CVI 1)</b>.</p></li></ol></li><li><b>PREVIOUSLY PAINTED SURFACES</b><ol style="list-style-type: none"><li><b>Previously painted surfaces in good condition:</b><p>Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with <b>POLYCELL SUGAR SOAP POWDER</b> solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish and apply one coat of <b>CROWN PLASTER PRIMER (CPP 2)</b>.</p></li><li><b>Previously painted surfaces in poor condition:</b><p>Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with the appropriate <b>REMOVAL COATING REMOVER</b> product. Wash thoroughly with <b>POLYCELL SUGAR SOAP</b>. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for New Work</p></li></ol></li><li><b>FILLING</b><p>Fill all defects with the suitable <b>POLYFILLA FILLER</b>. Spot prime filled areas with <b>CROWN PLASTER PRIMER (CPP 2)</b></p></li></ol>
<b>Application</b>	<ul style="list-style-type: none"><li>Apply two or three coats to new surfaces so as to achieve complete obliteration.</li></ul>
<b>Cautions</b>	<ul style="list-style-type: none"><li><b>NOT recommended for use as a base coat under superior coatings due to possible loss of adhesion.</b></li><li>Full opacity is only achieved when dry.</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>Keep out of reach of children.</li><li>Ensure good ventilation during application and drying.</li><li>In case of skin contact, wash with soap and water or a recognised skin cleaner.</li><li>Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.</li><li>Harmful if swallowed. Do not induce vomiting. Seek medical attention.</li><li>Refer to Material 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. **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.

**NB: TO ORDER:** Quote product name, product code number, packaging and colour.

## PLASCON SOUTH AFRICA (PTY) LIMITED

### CAPE TOWN:

P O Box 42  
Eppindust 7475  
Tel: (021) 505-2400  
Fax: (021) 534-3791

### DURBAN:

Private Bag X16  
Mobeni 4060  
Tel: (031) 451-3200  
Fax: (031) 451-3411

### GAUTENG:

P.O Box 4010  
Luipaardsvlei 1743  
Tel: (011) 951-4500  
Fax: (011) 955-2841

### PORT ELIZABETH:

P O Box 1594  
Port Elizabeth 6000  
Tel: (041) 401-1400  
Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60