



CROWN HOME PRIDE

PRODUCT CODE: PRD Range

TECHNICAL DATA SHEET NO: C-9

DATE: APRIL 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A good quality, acrylic PVA suitable for interior and exterior .														
Intended Uses	<ul style="list-style-type: none">For use on exterior and interior walls.Used on suitably prepared new plaster, concrete, porous brickwork and various types of building boards.														
Features & Benefits	<ul style="list-style-type: none">Dries to a matt finishQuick drying with good dry opacity														
Product Information	Appearance	Matt													
	Colour	White (PRD 1)and range of standard colours													
	Solids	Approx. 38 % by mass; 26 % by volume													
	S G	1,24 (typical)													
	Recommended DFT	Per Coat Min: 30 µm Max: 35 µm													
	Flash point	Non-flammable													
	Theoretical spreading rate	8 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	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller or airless spray.													
	Thinning	Not recommended. Ready for use.													
	Cleaning	Water													
	Substrate	Prepared and primed concrete, cement plaster, brickwork, building boards, wood metal and fibre board													
	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 %
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 %													
	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, heat and severe cold. Packaging: 5 ℓ and 20 ℓ														

CROWN HOME PRIDE

PRODUCT CODE: PRD range

TECHNICAL DATA SHEET NO: C-9

Surface	Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.
Preparation	<ol style="list-style-type: none"> 1. NEW WORK 1.1 Cement plaster, concrete and porous brickwork: Remove any loose particles and laitance by most suitable means and prime with CROWN PLASTER PRIMER (CPP 2). N.B. Soft underbound, friable and highly porous surfaces must be restored to a sound condition with BONDING LIQUID (CVI 14). 1.2 Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork stone work: Apply one coat of CROWN PLASTER PRIMER (CPP 2). If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with CROWN PLASTER PRIMER (CPP 2). 1.3 Fibre cement board: prime with BONDING LIQUID (CVI 14) 1.4 Wood: Sand to a smooth finish and dust off. Seal knots and resinous areas with KNOT SEAL (PK 2). Prime with PLASCON WOOD PRIMER (UC 2) 1.5 Mild Steel: Remove rust by coarse sanding, mechanical grinding or with REMOVAL RUST REMOVER (RCC 120). Degrease with PLASCON AQUASOLV DEGREASER (GR 1) or REMOVAL GREASE & GRIME REMOVER (RCS 60) and rinse thoroughly with water. Prime with METALCARE MILD STEEL PRIMER (UC 501) 1.6 Galvanised steel: Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with METALCARE GALVANISED IRON PRIMER (GIP 1) 2. PREVIOUSLY PAINTED SURFACES 2.1 Previously painted surfaces in sound condition: 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 down with POLYCELL SUGAR SOAP POWDER (501703) 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 CROWN PLASTER PRIMER (CPP 2) 2.2 Previously painted surfaces in poor condition: Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with The appropriate REMOVAL COATING REMOVER. Wash thoroughly with POLYCELL SUGAR SOAP POWDER (501703) solution. 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. 3. FILLING Fill all imperfections with a suitable POLYCELL FILLER and spot prime filled areas with CROWN PLASTER PRIMER (CPP 2).
Application	<ul style="list-style-type: none"> • Apply two or more coats to new surfaces so as to achieve complete obliteration. • For highly porous surfaces, seal with BONDING LIQUID (CVI 14).
Cautions	<ul style="list-style-type: none"> • NOT recommended for use as a base coat under superior coatings due to possible loss of adhesion. • Full opacity is only achieved when dry. • Avoid painting during inclement weather or if temperature is below 10 °C. • To ensure that colours on a project are consistent check that batch numbers are the same.



CROWN HOME PRIDE

PRODUCT CODE: PRD Range

TECHNICAL DATA SHEET NO: C-9

Safety Precautions

- 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 Material 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.

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