

CROWN HOME PRIDE

PRODUCT CODE: PRD RANGE

TECHNICAL DATA SHEET

Product Description	A medium quality modified acrylic emulsion paint.										
Intended Uses	<ul style="list-style-type: none"> For Interior and Exterior use Suitable for application to suitably prepared new plaster, concrete, porous brickwork and various types of building boards. Also as a finishing coat on appropriately primed and undercoated wood, metal, etc. 										
Features & Benefits	<ul style="list-style-type: none"> Smooth matt finish Affordable Quick drying 										
Product Information	Appearance Colours Generic type Solids S G at 23 °C Recommended DFT per coat Theoretical spreading rate Viscosity at 23 °C VOC Flash point	Matt White (PRD 1) and a range of standard colours Acrylic emulsion Approx. 40% by mass; 22% by volume 1,31 kg/ℓ (approx) Min: 20 µm Max: 25 µm 8.8 m ² /ℓ at 25 µm DFT per coat 100 - 110 KU (approx) < 5 g/ℓ for White Non flammable									
Application Details	Mixing Method Thinning Cleaning Substrate Application Environment Drying time	Stir thoroughly with a flat paddle until homogeneous. Brush, roller or airless spray. No Thinning, Ready for use Water Thoroughly cleaned, suitably primed concrete, plaster, brickwork, building boards and suitably primed wood, metal and fibre-board. <table border="1" data-bbox="831 1301 1442 1438"> <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>Max: 35 °C</td> <td>Max: 35 °C</td> <td>Max: 85%</td> </tr> </tbody> </table> Touch dry 30 min at 23 °C Dry to handle 1 h at 23 °C Recoating 1 h at 23 °C	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Max: 35 °C	Max: 35 °C	Max: 85%
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Min: 10 °C	Min: 10 °C	Min: 10%									
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 ℓ and 20 ℓ										

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Surface Preparation	<p>Ensure that surfaces are dry, sound, free from dust, dirt, grease and oil before painting</p> <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). NB: 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, Creststone), 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 PROFESSIONAL WOOD PRIMER (PP 800). 1.5 Mild Steel: Degrease with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. or RUST REMOVER (RR 1). Prime general surfaces the same day with PLASCON METAL PRIMER (UC 501) or PLASCOSAFE (EMS 18). 1.6 Galvanised steel: Clean with GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with PROFESSIONAL GALVANISED IRON PRIMER (PP 1000). 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 CLEANER 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 REMOVAL ALL PURPOSE COATINGS REMOVER (RRA 220) Wash thoroughly with POLYCELL SUGAR SOAP LIQUID CLEANER. 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 POLYCELL MENDALL 90 and spot prime filled areas with CROWN PLASTER PRIMER (CPP 2).
Application	<ul style="list-style-type: none"> • Apply two or three coats to new surfaces so as to achieve complete obliteration. • For non-porous and normal porous surfaces apply without thinning. • For highly porous surfaces, apply 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 in inclement weather or if temperature is below 10°C.



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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 Safety Data Sheet for complete information.
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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.

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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