



CROWN GLOSS ENAMEL

PRODUCT CODE: GGC 800

TECHNICAL DATA SHEET NO: C-6

DATE: APRIL 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A good quality alkyd based high gloss enamel suitable, for interior and exterior use.													
Intended Uses	<ul style="list-style-type: none">Used as a decorative and protective finish on suitably primed interior and exterior surfaces such as mild steel, timber and masonry, door and window frames, handrails, gates, fascias, trim work as well as bathroom and kitchen walls.													
Features & Benefits	<ul style="list-style-type: none">High gloss finishEasy to cleanDries to a smooth finish with good durability.													
Product Information	Appearance Colour Solids Recommended DFT S G Flash Point Theoretical spreading rate	Gloss White Approx. 60 % by mass; 38 % by volume Min: 25 µm Max: 35 µm 1.1 (typical) 38 °C 12.7 m ² /ℓ @ 35 µm DFT per coat. This serves as a guide only. 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 Substrate Method Thinning Cleaning Application Environment Drying time	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use. Well prepared primed and undercoated surfaces. Brush, roller or spray. Not necessary to thin for brush and roller application. For Spray application Thin approx. 10% by volume with MINERAL TURPENTINE (AZH 1) or White Spirits MINERAL TURPENTINE (AZH 1) <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> Touch dry 6 h at 23 °C Dry to handle 16 h at 23 °C Overcoating 16 h at 23 °C	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 %												
Storage & Packaging	Store away from direct sun, heat and severe cold. Store in a cool dry place away from heat and sparks. Packaging: 5 ℓ													



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Surface Preparation	<p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none">1. NEW WORK<ol style="list-style-type: none">1.1 Cement plaster, concrete and porous brickwork. Remove any loose particles and laitance by most suitable means. Prime with PLASCON PLASTER PRIMER (UC 56). N.B. Soft, underbound, friable and highly porous surfaces must be restored to a sound condition with PLASCON PLASTER PRIMER (UC 56) or by re-plastering.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 PLASCON BONDING LIQUID (CVI 14).1.4 Wood: Seal knots with WOODCARE KNOT SEAL (PK 2). Then prime with PLASCON WOOD PRIMER (UC 2).1.5 Hardboard: Prime with CROWN PLASTER PRIMER (CPP 2).1.6 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)1.7 Galvanised steel: Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly with water to achieve a water break-free surface. Prime with METALCARE GALVANISED IRON PRIMER (GIP 1)2. PREVIOUSLY PAINTED SURFACES<ol style="list-style-type: none">2.1 Previously painted surfaces in good 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 with POLYCELL SUGAR SOAP POWDER 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 1)2.2 Previously painted surfaces in poor condition: Completely remove paint by most suitable means e.g. scraping, coarse sanding or by stripping with the appropriate REMOVAL COATING REMOVER product. Wash thoroughly with POLYCELL SUGAR SOAP. 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 Work3. FILLING Fill defects with the appropriate POLYCELL POLYFILLA. Spot prime filled areas with CROWN PLASTER PRIMER (CPP 2).4. UNDERCOAT: To all surfaces prepared and primed as above, apply a coat of PLASCON UNIVERSAL UNDERCOAT (UC 1)
Application	<ul style="list-style-type: none">• Ready for use by brush or roller.• For spray application thin as recommended.
Cautions	<ul style="list-style-type: none">• Not recommended for areas where chemical resistance is required.• Heavy applications should be avoided to prevent wrinkling.



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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.
 - Refer to Material 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.

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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