CROWN EGGSHELL ENAMEL

PRODUCT CODE: CEE 800

TECHNICAL DATA SHEET NO: C-4
DATE: APRIL 2011
THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	An alkyd based enamel with a low gloss eggshell finish for interior use.
Intended Uses	• Used as a decorative finish on interior surfaces only. • Can be applied to suitably primed masonry, wood and metal surfaces.
Features & Benefits	• Dries to a tough durable and washable low gloss finish. • No undercoat required after priming of the substrate. • Easy to clean

Product Information

Appearance	Eggshell
Colour	White
Generic type	Alkyd resin
Solids	Approx. 66 % by mass; 44 % by volume
S G	1,18 kg / ℓ (approx)
Flash Point	38 °C
Theoretical spreading rate	12 m²/ℓ per coat @ 35 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 and stir periodically during use.
Substrate	Well prepared primed surfaces.
Method	Brush, roller or spray.
Thinning	Not necessary to thin for brush or roller application. Ready for use. For Spray Application Thin approx. 10 % by volume with **MINERAL TURPENTINE (AZH 1)** or **White spirits**
Cleaning	**MINERAL TURPENTINE (AZH 1)**

Application Environment

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	4 *h* at 23 °C	
Dry to handle	16 *h* at 23 °C	
Overcoating	16 *h* at 23 °C	

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		Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.
	1.	**NEW WORK**
	1.1	**Cement plaster, concrete and porous brickwork:** Remove any loose particles and laitance by most suitable means. Prime with **CROWN PLASTER PRIMER (CPP 2)**.
	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:** Sand to a smooth finish and dust off. Seal knots and resinous areas with **WOODCARE KNOT SEAL (PK 2)**. Prime with **WOOD PRIMER**.
	1.5	**Hardboard:** Prime with **CROWN PLASTER PRIMER (CPP 2)**.
	1.6	**Mild Steel:** Remove rust by coarse sanding, mechanical grinding or with **REMOVALL RUST REMOVER (RCC 120)**. Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)** or **REMOVALL 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**
	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 2)**.
	2.2	**Previously painted surfaces in poor condition:** Completely remove paint by most suitable means e.g. scraping, coarse sanding or stripping with the appropriate **REMOVALL 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 Work
	3.	**FILLING** Fill defects with the suitable **POLYCELL POLYFILLA**. Spot prime filled areas with **CROWN PLASTER PRIMER (CPP 2)**.
Application	•	Apply one or more coats to achieve complete obliteration.
Caution	•	To ensure that colours on a project are consistent check that batch numbers correspond.
Safety Precautions	• • • • • • •	Always keep paint out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, 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.

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.

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