

TECHNICAL DATA SHEET

P.DS.144 (FB SERIES) REV04/09/2025

EEE200
SOLVENTBASED

EASYCOAT EGGSHELL ENAMEL



Easycoat Eggshell Enamel is a high-quality enamel topcoat that dries to a smooth eggshell semi-gloss finish, suitable for both interior and exterior use.

USES

INTERIOR / EXTERIOR

This product is recommended for the protection and decoration of new or previously painted interior and exterior surfaces where a semi-gloss finish is required. It is highly recommended for suitably primed doors, trims and window frames made of masonry, metal or wood.

NB: Appropriate primers and undercoats must always be used particularly for new work.

FEATURES & BENEFITS

- Excellent opacity and high hiding power
- Excellent durability
- Mar and scratch resistance
- Washable
- Lead content, less than 90ppm

TECHNICAL INFORMATION

PHYSICAL FORM	Flammable viscous coloured liquid containing pigments
COLOUR	White
FINISH	Eggshell low sheen
SPREADING RATE	Approximately 6 – 8 m ² / ℓ per coat (depending on substrate type, surface porosity and application method)
POLYMER TYPE	Oil-modified alkyd resin
RECOMMENDED WFT	127 – 168 µm per coat
RECOMMENDED DFT	28 - 37µm per coat
SOLID %	Mass solids 37 ± 2%, Volume solids 22 ± 2%
PIGMENTS	Weather and light resistant types only
VISCOSITY @ 23°C FC4	80 – 85 KU
SG @ 23°C	1.05 – 1.15 kg/ℓ
SOLIDS BY MASS	35 - 40%
DRYING PROPERTIES	Surface or touch-dry: 4 hours (depending on weather condition and film build) Recoating time: 16 hours (depending on weather condition and film build)
FLASH POINT	< 38°C (Abel Closed Cup method)
PACKAGING	1ℓ & 5ℓ
THINNING	If required to reduce viscosity, add a minimum quantity mineral turpentine. (NB: Do not add water)
CLEANING	Do not allow the product to dry on equipment. Equipment is readily cleaned using mineral turpentine or Promac Brush Cleaner
APPLICATION METHOD	Supplied ready-for-use using brush or roller. Super fine enamel rollers designed for enamels are recommended. May be sprayed after dilution with mineral turpentine or white spirits

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DO NOT USE

- IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
- IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
- IF IT IS RAINING OR RAIN IS FORECAST
- BEFORE 09H00 AND AFTER 16H00 IN THE WINTER

SURFACE PREPARATION

General: Ensure surfaces are dry (15% moisture maximum), in sound condition, clean and free from any contaminants.

Poorly adherent materials: Remove all poorly adhering material such as loose particles and damaged existing paint from the surface. If not effectively removed with the use of high-pressure water cleaning, then remove with the means of mechanical methods such as hand or power tool cleaning.

Oils, grease, grime: Remove oils, grease, grime and other contaminants of a similar nature from bare surfaces with Promac GalvPrep. For previously painted surfaces, use Promac Clean & Degrease.

Fungi, mould and bacteria: Remove fungi, mould, bacteria and other organic contaminants of a similar nature from bare surfaces with Promac GalvPrep. For previously painted surfaces, use Promac Fungi Cleaner.

Efflorescence: Remove as much loose material from the surface by means of mechanical methods such as hand or power tool cleaning, then further treat, clean and prepare bare surface with the use of Promac GalvPrep. For previously painted surfaces, use Promac Clean & Degrease.

Cement, plaster and screeds: Allow for new plaster and concrete applications to cure for a minimum of 14 days and 28 days respectively.

Existing enamel/solvent-based coatings: All existing coatings that are in good condition (confirmed by carrying out adhesive tests) must be prepared. The surface of the existing coating must be profiled for optimal overcoating adhesion capabilities. Profile the existing coating by lightly abrading the existing coating surface with a suitable sandpaper. Then wipe down the surfaces with a damp cloth and allow the surface to dry.

Friable substrate materials and chalky surfaces: Before treating surfaces for friable material and chalkiness, all poorly adherent material must be removed as advised in the surface preparation for poorly adherent materials. Thereafter, test the surface for friable and chalky properties with the use of clear tape used for dust and debris tests, such as the Elcometer 142 dust tape or a similar quality alternative product. Apply the tape to the surface, firmly rub along the tape. After a short while, remove the tape and place the tape on a white piece of paper. Check the tape's cleanliness to determine the correct preparation method. If friable or chalky, apply a Promac Bonding Liquid. Allow the application to dry before conducting the friable and chalky surface test again and apply an additional coat if required.

Rust: All rust layers must be removed by means of mechanical surface preparation methods such as but not limited to; hand or power tool cleaning. The loose rust must then be removed by means of surface cleaning methods (water cleaning). Thereafter, in areas where rust could not be completely removed, the required application(s) of Promac Rust Converter must be applied to the affected area. Once all rust has been removed, prepare all bare areas with Promac GalvPrep, rinse thoroughly and allow to dry. Then a relevant metal & steel primer product must immediately be applied prior to the application of **Easycoat Eggshell Enamel**.

Metal: Clean and prepare bare metal with Promac GalvPrep, rinse thoroughly and allow to dry. Then a relevant metal & steel primer product must immediately be applied prior to the application of **Easycoat Eggshell Enamel**.

Wood: Lightly abrade with progressively finer grade sandpaper and dust off with a damp cloth and allow to dry. Fill surface defects, holes etc. using wood filler. Sand the surface of the wood with a coarse sandpaper followed by progressively finer grades to produce a smooth surface. Remove all dust by blowing and wiping with a damp cloth. Allow to dry. Use a suitable knot sealer to prevent the possibility of resin bleeding into the coating system. Allow to dry.

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PRIME

Metal substrates:

Prime the prepared surface with a coat of Promac Metal Etch Primer, Promac Multi-Surface Primer or Promac Metal Primer.

Wooden surfaces:

Prime the prepared surface with a coat of Promac Wood Primer.

Cementitious, masonry and gypsum substrates:

Apply one coat of either Easycoat Adhesion Primer or Easycoat Plaster Primer to cementitious and masonry surfaces. Note: Easycoat Plaster Primer cannot be used on gypsum surfaces, in this case, prime using Easycoat Adhesion Primer.

PVC, aluminum, stainless steel, melamine, formica:

Prime the prepared surface with a coat of Promac Multi-Surface Primer.

Previously painted water-based coating surfaces:

Apply one coat of Promac Easycoat Universal Undercoat.

NOTE: All additional products advised for use during surface preparation and priming must be used and applied in accordance with the relevant product's data sheets.

APPLICATION

Apply two coats of **Easycoat Eggshell Enamel** to the surface with the use of a suitable brush or roller and allow for 16 hours drying time between coats.

HEALTH & SAFETY

The product contains a flammable solvent. Precaution must be taken to prevent naked flames coming in contact with vapours (i.e. smoking must be prohibited). Solvents may also cause narcotic effects if the vapour concentration is too high: always ensure adequate ventilation (do not use solvent-based paints in a poorly ventilated or closed space). Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately. Wash product off skin before it has dried using soap and water.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.