ACRYLIC EGGSHELL

Acrylic Eggshell is a quick drying water borne alternative to conventional eggshell finish. Based on acrylic resin, this product combines good durability and washability and can be applied in areas subject to condensation. It is specially formulated for easy application with minimum roller splatter. The quick drying time means two coats can be applied easily in one day with minimum disruption, and once applied Acrylic Eggshell will not yellow, making it the ideal choice where a slight sheen monotone finish is required.

AVAILABILITY

Colour range	Over 7000 colours plus Brilliant White & Magnolia.
Packaging	1 and 5 litres.

PROPERTIES

Drying time	Under normal drying conditions touch dry 2 hours, recoatable after 4 hours. Allow for adequate ventilation during the drying period.
Finish	Eggshell.
Composition	Pigment: Titanium Dioxide, coloured pigments and extenders.
	Binder: Acrylic polymer.
	Solvent: Water.
Spreading rate	Up to 15m² per litre depending on surface texture and porosity.
Wet film thickness	65 micrometres at 15m² per litre.
Dry film thickness	24 micrometres at 15m² per litre.
Volume solids	37% White other colours will vary.
Flash point	Not applicable.
VOC content	EU limit value for this product (cat.A/b): 150 g/l (2007) / 100 g/l (2010) This product contains max. 61 g/l VOC.
Limitations	For interior use only. Do not apply when air or substrate temperatures are likely to fall below 8°C or when the relative humidity is above 80% during application or the drying period.

PREPARATION

New surfaces

Walls	All surfaces must be sound, clean, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Powdery, polished plaster or dense surfaces should be primed with Macpherson Universal Primer. Porous surfaces should be 'mist' coated with Macpherson Acrylic Eggshell thinned with up to 40% clean water.
Timber	All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Rub down with a suitable grade of abrasive paper. Remove all dust. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Prime with one coat of Macpherson Acrylic Primer Undercoat.

All metals including galvanised

Surfaces must be clean and free from anything that will interfere with the materials to be applied. Wash with hot water and liquid detergent solution to remove oil, grease or any other contaminants, frequently changing the water. Rinse thoroughly with clean water. Allow to dry. Galvanised surfaces should be pre-treated with Decorators Choice Passivating Wash. Overall blackening of the surface will confirm satisfactory surface preparation.

Additional surface preparation – all metals
Non-ferrous metals

Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. Rinse thoroughly with clean water to remove all residues. Allow to dry. Prime with one coat of Macpherson Universal Primer. Undercoat with one coat of Macpherson Acrylic Primer Undercoat.

Ferrous metals   Remove all millscale and rust back to clean metal. Remove all residues. Prime within the working day with one coat of Macpherson Universal Primer.

Previously decorated surfaces

Walls   All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied eg dirt, grease etc. Remove all loose, and failing or suspect paint. Remove grey and denatured surfaces by rubbing down with abrasive paper. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. Fill any fixing holes, cracks and shallow surface defects with Sandtex Trade Ready Mixed Filler. Patch prime bare and filled areas with Macpherson Stain Blocking Primer. Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Any glossy or eggshell surfaces should be wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. If after cleaning any areas are still contaminated with substances likely to cause staining and/or bleeding, patch prime with one coat of Macpherson Stain Blocking Primer. Bring forward patch primed areas with one coat of Macpherson Dead Matt Emulsion.

Timber   All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, and failing or suspect paint. Remove grey and denatured surfaces by rubbing down with abrasive paper. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Spot prime bare and filled areas with one coat of Macpherson Acrylic Primer Undercoat.

Metals   All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, and failing or suspect paint. Feather edges of sound paint. Remove all dust. Remove all rust. Spot prime ferrous and non-ferrous metals including galvanised metal with one coat of Macpherson Universal Primer.

Remaining sound coatings

Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Any glossy or eggshell surfaces must be wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward patch primed and or spot primed areas with Macpherson Acrylic Eggshell.

COATING SYSTEM	Apply two coats.
APPLICATION	Stir well before use. Apply by brush or roller. For airless spray (dilution may be required). For further information contact the Customer Relations Team.
CLEANING	Return surplus material to container. Wash with clean water immediately after use.

MAINTENANCE INFORMATION FOR CDM FILE

Between maintenance redecoration surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.

HEALTH AND SAFETY

Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact our Customer Relations Team. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Crown Paints products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: 2006 Code of practice for painting of buildings and BS 8000: Part 12: 1989 Code of practice for decorative wallcoverings and painting. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints are unable to guarantee results as it has no control over the conditions under which its products are applied. For help or more information contact the Customer Relations Team on 0870 241 6457. Before using this product please ensure you have the latest information.

The information is correct at date of issue Aug 2008.

For further details on any products in the Macpherson Trade Paints range please call the Customer Relations Team on **0870 241 6457** or visit the Macpherson website: www.macphersontrade.co.uk

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