

# FARROW & BALL®

CRAFTSMEN IN PAINT AND PAPER

## PRODUCT ADVICE SHEET

### Modern Eggshell

All Farrow & Ball paints are water based, making them low-odour, low-VOC (Volatile Organic Compounds), and quick to dry. They also score the highest possible A+ rating for indoor air quality in accordance with the independently conducted French Indoor Air Quality Decree N° 2011-321 – Arrêté April 2011.

**Available Tin Sizes:** ,750 ml, 2.5 L, 5 L,

For colour availability, please visit [farrow-ball.com](http://farrow-ball.com). Available to order direct from [farrow-ball.com](http://farrow-ball.com), through our Customer Services team at [sales@farrow-ball.com](mailto:sales@farrow-ball.com) or on +44 (0) 1202 876141, and in showrooms and selected stockists internationally.

#### Product Overview:

The toughest product in our range, Modern Eggshell transforms kitchen cabinetry, skirting boards, stairs, floors, and other hardworking interior wood or metal surfaces. With a subtle 40% sheen, it makes for a glossier alternative to Estate Eggshell. Washable & wipeable. Not suitable for exterior decking or other pressure treated wood.

#### Recommended Primer & Undercoats:

For use on interior woodwork : Farrow & Ball Interior Wood Primer & Undercoat

For use on interior wooden floors : Farrow & Ball Wood Floor Primer & Undercoat

For use on masonry and interior concrete floors : Farrow & Ball Masonry & Plaster Stabilising Primer

For use on metal : Farrow & Ball Metal Primer & Undercoat

#### Priming and Undercoating Advice:

Using a Primer & Undercoat seals the surface you're painting on. You should have a full, solid coat of Primer & Undercoat before applying your topcoat, to ensure that your chosen Farrow & Ball finish sticks to it fully, is evenly absorbed, and has a smooth and even finish with rich depth of colour.

#### Knotty or Resinous Wood Preparation:

Heat the knot to draw out any excess resin (we recommend using a hot air paint stripper). Scrape off any residue resin, and then thoroughly clean the area with white or methylated spirit. Allow the area to dry thoroughly before continuing.

#### New and Unpainted Interior Wood (Not Floors) Preparation:

Ensure all surfaces are sound, clean, dry and free from dirt, grease and other contamination. Fill any cracks, holes and open joints with an appropriate filler. To improve the paint's adhesion, lightly sand the surface. Prepare any filled, knotty or resinous areas as above and patch prime with Farrow & Ball Wood Knot & Resin Blocking Primer. Apply a diluted coat of Farrow & Ball Interior Wood Primer & Undercoat (20 % water) in the correct colour tone for your top coat, followed by one full (undiluted) coat. Allow a minimum of 4 hours drying time between coats. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats.

#### Previously Painted Interior Wood (Not Floors) Preparation:

Ensure all surfaces are sound, clean, dry and free from dirt, grease and other contamination. Remove any areas of old paint which are peeling or blistering as flaking or peeling can occur if you paint over weak paint layers. Blend and 'feather' the edges of areas of old paint, as this helps to smooth out the surface. Fill any cracks, holes and open joints with an appropriate filler. Lightly sand the surface to improve paint adhesion. Patch prime any filled or bare knotty / resinous areas with Farrow & Ball Wood Knot & Resin Blocking Primer. Apply one coat of Farrow & Ball Interior Wood Primer & Undercoat, in the correct colour tone for your top coat (and allowing a minimum of 4 hours drying time between coats). Then apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats.

#### Interior Bare Wood Floors:

Fill any open joints and cracks with a non-flexible wood filler. Ensure the floor is thoroughly clean using an appropriate floor cleaner. Sand to a smooth finish, vacuum clean and wipe down with a damp cloth. Allow the wood to dry (less than 10% moisture content). Prepare any knotty or resinous areas as above and patch prime with Farrow & Ball Wood Floor Primer & Undercoat followed by one full coat to seal. Apply two full coats of Farrow & Ball Modern Eggshell.

### Repainting Wooden Floors:

Areas of old paint that have peeled or blistered need to be removed. For the best finish and longest service life, as much of the previous coating as possible should be removed. Ensure the floor is thoroughly clean using an appropriate floor cleaner. Sand to a smooth finish, vacuum clean and wipe down with a damp cloth. Allow the wood to dry (less than 10% moisture content). Apply one full coat of Farrow & Ball Wood Floor Primer & Undercoat to seal. Apply two full coats of Farrow & Ball Modern Eggshell.

### Preparing Concrete Surfaces for Painting:

Leave new concrete uncoated for at least 3 months before painting. Repair and fill any old or unsound concrete surfaces, allowing adequate time for the filler used to cure. Once completely dry, brush the surface with a stiff bristled brush to remove any surface dust. Prime any areas that remain powdery with Farrow & Ball Masonry & Plaster Stabilising Primer. For interior concrete floors only apply one full coat of Farrow & Ball Masonry & Plaster Stabilising Primer followed by two coats of Farrow & Ball Modern Eggshell allowing the recommended drying times between coats. Do not use Farrow & Ball Masonry & Plaster Stabilising Primer as a general primer on sound concrete surfaces other than interior concrete floors.

### Concrete Floors:

Old or unsound surfaces must be repaired and filled allowing adequate time to cure before repainting. New concrete should be left at least 3 months before painting. Follow with one coat of Farrow & Ball Masonry & Plaster Stabilising Primer. Painted concrete floors: Clean and remove any surface debris. Rub down any areas that have peeled or blistered, to achieve a good 'key'. Apply Farrow & Ball Masonry & Plaster Stabilising Primer to areas of exposed concrete.

### Underfloor Heating:

Prior to application, the heating must be switched off for 48 hours to allow the surface area to cool down. Once surface has been painted, allow a further 48 hours before the heating is switched back on.

### Waxed or Highly Polished Surface Preparation:

If you are painting onto previously waxed or highly polished surfaces, you will need to remove the existing coating of treatment by sanding back prior to painting. We recommend testing a small area as Farrow & Ball paints may not be compatible with some waxes and polishes.

### Interior MDF Preparation:

Where possible always aim to use high quality MDF, as higher quality MDF tends not to suffer from raised fibres and so will not require surface sanding. Lower quality MDF may contain less tightly bound fibres, which may become raised as paint is applied. If the fibres do become raised, lightly sand the surface between coats to ensure a smooth finish. Lightly sand the edges of the MDF to provide a sound surface and to reduce paint absorption. Apply one coat of Farrow & Ball Wood Floor Primer & Undercoat, in the correct colour tone for your top coat and allowing a minimum of 4 hours drying time between coats. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats.

### Painting Over Interior Wood Fillers:

Follow the filler manufacturer's application instructions and drying times and patch prime with Farrow & Ball Wood Knot & Resin Blocking Primer. Apply a coat of Farrow & Ball Interior Wood Primer & Undercoat in the correct colour tone for your top coat. Allow a minimum of 4 hours drying time between coats. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats.

### Ferrous Metal Preparation:

Thoroughly clean and degrease new and previously painted metal surfaces. Remove any weak paint and rust back to bare metal. Apply two coats of Farrow & Ball Metal Primer & Undercoat, in the correct colour tone for your top coat, and allow a minimum of 4 hours drying time between coats. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats. Cast Iron: We recommend that a specialist primer is applied to Cast Iron surfaces prior to painting as water-based primers may lead to flash rusting.

### Non Ferrous Metal Preparation:

Thoroughly clean and degrease new and previously painted metal surfaces. Remove any weak paint and lightly sand surface to improve adhesion of your primer & undercoat. Apply two coats of Farrow & Ball Metal Primer & Undercoat, in the correct colour tone for your top coat, and allow a minimum of 4 hours drying time. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats.

### Galvanised Metal Preparation:

Treat all surfaces with an Etch Primer or Mordant Solution, ensuring any excess product is removed before you begin painting. Apply two coats of Farrow & Ball Metal Primer & Undercoat, in the correct colour tone for your top coat, and allow a minimum of 4 hours drying time. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats.

### **Radiator Preparation:**

This product is suitable for painting conventional hot water filled radiators where the surface temperature does not exceed 60° C. We do not recommend using this product to paint steam filled radiators which operate at a much higher temperature. Ensure the radiator is turned off and has cooled before you begin painting it. Thoroughly clean and degrease new or previously painted radiator surfaces. Remove any weak paint and rust back to the original surface. Apply two coats of Farrow & Ball Metal Primer & Undercoat, in the correct colour tone for your top coat and allowing a minimum of 4 hours drying time between coats. Apply two coats of your chosen Farrow & Ball finish, allowing the correct drying time between coats. Cast Iron Radiators: We recommend that a specialist primer is applied to Cast Iron surfaces prior to painting as water-based primers may lead to flash rusting.

### **Masking:**

Masking tapes are available in a range of tack levels. Always use a quality masking tape which is appropriate to the decorating project. Some masking tapes incorporate proprietary paint locking technology which can give a superior result.

### **Difficult Surfaces (e.g. Melamine, PVC, ABS, Wall Tiles, Laminates etc.):**

Difficult surfaces such as melamine, PVC, ABS, wall tiles and laminates will require careful preparation prior to painting. The surface may need to be degreased with a proprietary cleaner, lightly abraded to achieve a physical key and thoroughly cleaned prior to any coating being applied. Best results will then be achieved by applying a specialist adhesion primer following the manufacturer's instructions prior to applying your chosen Farrow & Ball finish.

### **Cleaning Surfaces Prior to Painting:**

Before painting, all surfaces must be clean and dry. For most surfaces we would recommend using a dilute Sugar Soap solution following the manufacturer's instructions. We do not recommend using solvent-based cleaning products as these may widely disperse the residue making water-based product application difficult.

### **How to Apply Paint to Trim by Brush:**

Stir thoroughly before use. By 'trim' we mean: skirting boards, picture rails, dado rails, doors, door frames and architraves, interior window sills and window frames (providing they aren't plastic). Farrow & Ball paints are water borne, and unlike solvent borne paints, water borne paint is more resistant to sagging and you will achieve the best finish by painting a thicker coat. For best results use a quality fine-tipped synthetic bristled paint brush (e.g. Farrow & Ball Paint Brush). Load the brush well and apply a generous first coat. Brushing first in a vertical direction then in a horizontal direction until an even coating has been applied. Finish by 'laying off' the paint in one direction using light pressure, with the brush held at an angle of approximately 30°. Do not "overwork" the paint or attempt to brush it out in thin even coats as you would a traditional solvent borne paint as this may create excess brush marks. Allow to dry completely (for a minimum of 4 hours) before applying a second coat following the same technique as before.

### **How to Apply Paint to Trim by Roller:**

Stir thoroughly before use. By 'trim' we mean: skirting boards, picture rails, dado rails, doors, door frames and architraves, interior window sills and window frames (providing they aren't plastic). This paint finish can also be applied using a Medium Pile Woven Polyester Roller. This will provide a good finish with minimal stippling and is a quick method of application. However, where an optimum finish is required, we would recommend brush application using a Farrow & Ball fine-tipped, synthetic bristled brush.

### **Preparation for Spraying:**

When spraying Farrow & Ball paints onto any given surface, it is important to remember that the resulting finish will only be as good as the surface you are applying it to. Most surfaces will need to be clean and degreased, prepared by surface filling, sanding and then suitably primed/undercoated. Flattening with finishing papers in between coats as required, to achieve a smooth flat surface before spraying your chosen Farrow & Ball finish. This process may need to be repeated several times to obtain a satisfactory surface, which is suitable for the type of finish that is desired.

### **Spray Settings:**

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Airless Spraying – Best results can be achieved with a typical set up of a 410 nozzle tip and 100 bar air injection pressure. Note that these are typical settings for most airless spray systems and some adjustment of the air pressure in relation to the nozzle tip will be required depending on the make and model of airless spray apparatus used. Depending on the apparatus used, the paint may need to be diluted with water by up to 10%. HVLP Spraying – Depending on the apparatus used, the paint may need to be diluted with water by up to 30%. Experiment with air control valve, material flow adjustment, fan size and spray pattern settings on a piece of cardboard or an inconspicuous area until a satisfactory finish is achieved. Apply several thin coats, allowing each coat to dry fully before applying the next one.

### **Other Product Applications:**

If you wish to use Farrow & Ball products for any applications which are not featured here, please contact Customer Services for advice on +44 (0) 1202 876141 or email [customer.services@farrow-ball.com](mailto:customer.services@farrow-ball.com). Please note that calls may be recorded for training purposes.

### Application Information:

Do not paint in temperatures below 10°C or in excessive heat above 30°C.

Coverage Rate (m<sup>2</sup>/l per coat): : Up to 12

Drying Time: : Dry in 2 hours.

Typical Recoat Time: : Recoat after 4 hours

Curing Time: : Please note that some darker paint colours will take up to 14 days to achieve full hardness, strength and durability.

Recommended Number of Coats: : 2\*

\*Darker/stronger colours may require additional coats. Please note: The drying and Recoat times provided are based on applying paint in normal conditions - drying times may be longer in cooler and/or higher humidity environments. Darker colours may take longer to dry. Allow a minimum of 14 days before applying over solvent based coatings. Allow at least 24 hours before heavy traffic.

Sheen Level: : 40 %

Density: : 1.2 - 1.4 g/cc

Wet Film Thickness: : 80 - 120 µm

Application Humidity: : < 80 % RH

Wet Abrasion Class: : 1

Substrate Moisture Content: : Interior Wood = < 15 % : Interior Concrete Floors = < 1 %

### Liquid water permeability according to DIN EN 1062 3 (w<sub>24</sub> [kg/m<sup>2</sup>√24h]):

0.04 (Class III, limit <0.1). This is the volume of water absorbed into a 1m<sup>2</sup> area through the paint surface within a 24 hour period. The lower the w<sub>24</sub> value, the more waterproof the paint film. Paint water absorption is class rated, from Class I to Class III. Class III in this instance denotes the highest waterproof rating.

### Colour Accuracy:

Check for colour accuracy prior to use as Farrow & Ball will not be liable for decorating costs caused as a result of an incorrect colour being applied. When more than one tin of the same colour is to be used ensure that batch numbers are identical or intermix before use. Stir thoroughly before use. Please note that different application tools (e.g. brush, roller, spray) may give a slight visual difference in the final colour.

### Water Contact:

To extend the service life of this finish, standing surface water should not be allowed to pool on horizontal surfaces.

### Cleaning:

Modern Eggshell is washable & wipeable. Wipe gently with a soft damp cloth or sponge. Some cleaning solutions may mark the surface. Test on an inconspicuous area before use. Do not use bleach-based cleaning products.

### Cleaning Surface Stains:

Although this Farrow & Ball finish is stain resistant, any long term visible effects can be minimised by following these recommendations: 1. Always try to remove the stain as soon as possible. The longer the stain remains on the surface the more likely it is to permeate into the surface. 2. Absorb as much of the stain as possible using a clean, absorbent tissue or cloth. 3. Clean gently with warm soapy water and a strong cloth keeping the area you work over to a minimum. 4. More stubborn stains may require treatment with Decorator's cleaning wipes or cleaning spray. Always follow the manufacturer's instructions.

### Clean Up:

Remove as much product as possible from brushes or rollers. Clean brushes / rollers with warm soapy water.

### Storage Advice:

This product is water based and should be protected from frost and extreme temperatures. We recommend using within 6 months of purchase and are unable to accept responsibility for the deterioration of contents or packaging after this date. This product contains preservatives to protect from spoilage under normal conditions. To minimise contamination and provide maximum shelf life we recommend that the product is decanted into a clean paint kettle before use and all tools are thoroughly cleaned before and after each use. Repeated opening and use can increase the risk of microbial contamination; therefore we recommend keeping this to a minimum to maximise the shelf life of the product.

### Formulation:

A water based paint made using a blend of acrylic and polyurethane binders.

### Environmental & Disposal Advice:

Do not empty into drains or watercourses. Dispose of contents/container to waste disposal site in accordance with local/national regulations. Contact the local Environmental Department for disposal instructions. Metal containers may be recycled.

### VOC Content Information:

EU limit value for this product (cat. A/[i]): 140g/l (2010). This product contains max 3g/l VOC.

### Lead Advice:

Special precautions should be taken during the preparation of old paint surfaces (especially those from pre-1970), as they may contain harmful lead. For further advice and guidance see [coatings.org.uk/paintsafe](http://coatings.org.uk/paintsafe).

### Health & Safety Advice:

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Keep out of reach of children. Ensure good ventilation during application and drying. Do not get in eyes, on skin, or on clothing. If medical advice is needed, have product container or label at hand. IF ON SKIN: Wash with plenty of soap and water. Do not use solvent thinners or White Spirit. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Call a doctor if you feel unwell. Safety data sheet available on request. When sanding any surface prior to painting, the creation of dust should be kept to a minimum and adequate & suitable Respiratory Protective Equipment (RPE) should be worn as a sensible precaution.

### Contact Us:

For advice on colours, paint finishes or wallpaper our customer services team is on hand to help you, just call +44 (0) 1202 876141, email [sales@farrow-ball.com](mailto:sales@farrow-ball.com), or write to us at Farrow & Ball, Uddens Estate, Wimborne, Dorset, BH21 7NL, UK. Please note that calls may be recorded for training purposes. Imported in EU by Farrow & Ball, Kaiserstraße 25, Frankfurt am Main, Deutschland, +49 (0) 69 2424 6269.

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