

# FARROW & BALL®

CRAFTSMEN IN PAINT AND PAPER

## PRODUCT ADVICE SHEET

### Metal Primer & Undercoat

All Farrow & Ball paints are eco friendly with low or minimal VOC (Volatile Organic Compounds) content and are water based giving them a low odour and quick drying time which benefits both you and the environment.

#### Available Tin Sizes: ,750 ml,,

In four colours (White & Light Tones, Mid Tones, Red & Warm Tones and Dark Tones) designed to match the chosen top coat colour. Available direct from Farrow & Ball (visit [www.farrow-ball.com](http://www.farrow-ball.com), email: [sales@farrow-ball.com](mailto:sales@farrow-ball.com) or call: +44 (0) 1202 876141), our Showrooms and selected stockists internationally.

#### Product Overview:

A rust inhibiting primer for all bare ferrous metal surfaces, our Metal Primer & Undercoat is designed to create a smooth foundation on gates, railings, furniture, radiators and metal downpipes before using Exterior Eggshell, Estate Eggshell, Full Gloss or Dead Flat. Stir thoroughly before use.

#### 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.

#### 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.

### 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.

### Over Coating Pale Colours with Dark Colours:

When painting a dark colour over a pale colour for exterior use, we recommend removing as much of the previous coating as possible for a long lasting finish.

### Spray Settings:

For best results this product should be applied by brush or airless spray. Do not thin.

### 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. Avoid painting in direct sunlight. Avoid applying outdoors if there is a likelihood of rain. For best results apply early in the day, allowing the product time to dry before the evening (when condensation can occur).

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

Recommended Number of Coats: : 2\*

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.

Density: : 1.2 - 1.4 g/cc

Wet Film Thickness: : 100 - 140 µm

Application Humidity: : < 80 % RH

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

0.02 (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. We are pleased to confirm that Farrow & Ball Estate Eggshell is rated - Class III (Low).

### Water Vapour Permeability according to DIN EN ISO 7783 2 (sd [m]):

0.470 (Class II, limit >0.14 <1.4). This is the resistance of the paint film to water vapour expressed as the equivalent thickness of air in metres. The lower the sd value the more breathable the paint film. Paint breathability is class rated, from Class I to Class III. Class II in this instance denotes a medium level of breathability.

**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.

**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 must be protected from frost and extreme temperatures. Use within 6 months of purchase. We accept no responsibility for the deterioration of contents or packaging after this date.

**Formulation:**

A water based primer & undercoat made using a copolymer binder system.

**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/[h]): 30g/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:**

Contains trizinc bis(orthophosphate). Toxic to aquatic life with lasting effects. Keep out of reach of children. Ensure good ventilation during application and drying. If medical advice is needed, have product container or label at hand. Do not get in eyes, on skin, or on clothing. 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.

**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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The information given in these specification sheets and technical advice - whether verbal, in writing or by way of trials - is for guidance and is given in good faith but without warranty, since skill of application and site conditions are beyond our control. For further information please contact our Customer Services Department. We can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. This does not affect your statutory rights.