

# FARROW & BALL®

HANDCRAFTED PAINT AND WALLPAPER

## PRODUCT ADVICE SHEET

### Metal Primer & Undercoat

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 in: ,750 ml,,,

In four Colors (White & Light Tones, Mid Tones, Red & Warm Tones and Dark Tones) designed to match the chosen top coat Color. Available to order direct from [farrow-ball.com](http://farrow-ball.com), through our Customer Services team at [NASales@farrow-ball.com](mailto:NASales@farrow-ball.com) or call: (1)-888-511-1121), 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.

#### Cleaning Prior to Painting:

For best results, make sure your surface, tools and product are clean before you begin. 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 or strong alkaline solutions as these can impact adhesion. After cleaning, wipe the surface with a damp cloth and allow to dry. When opening a new tin of paint, don't allow any dust or debris to fall from the lid into the contents. If you're reusing a tin of paint, we recommend straining it. Make sure your tools are clean, including your stirrer, and we recommend dampening your brush or roller then removing excess water before loading with paint.

#### 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. For some darker shades, finishes with different sheen levels painted alongside each other may appear to vary slightly in colour when viewed at certain angles.

#### Priming and Undercoating Advice:

Using a Primer & Undercoat or a mist coat seals the surface you're painting on. You should have a full, solid coat of Primer & Undercoat or mist coat 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. Don't over dilute the Primer & Undercoat or mist coat. This will reduce their opacity, causing an uneven finish and incomplete colour development. Before applying the top coat, consider if a second coat of Primer & Undercoat is needed to achieve full opacity.

### **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 140° F. 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.

### 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 when applying trim finishes. Make sure your spraying apparatus (including the gun and compressor unit) is appropriate for the size of the area being painted and your chosen finish. If dilution is required, keep this to the minimum possible according to the instructions of your apparatus and our suggested dilution ratios.

### Spray Settings:

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

### 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.

### Clean Up:

Remove as much product as possible using a brush and roller cleaning tool, then clean brushes and rollers in warm soapy water.

### 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 (1) 888-511-1121 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 50°F or in excessive heat above 86°F. 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). This product should be applied in accordance with Annex C of BS 6150: Code of practice for painting of buildings.

Coverage Rate (per coat): : Up to 480ft<sup>2</sup> per US gallon. 95ft<sup>2</sup> per 750ml

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: : 3.9 - 5.5 MILS (100 - 140 µm)

Application Humidity: : < 80 % RH

-

-

**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.

**Application Information:**

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:**

VOC (Volatile Organic Compounds) content 2 g/l (Low) when tested to US Environmental Protection Agency standards.



**LEAD WARNING!**

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to <http://www.epa.gov/lead>.

### 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. All Farrow & Ball products comply with all applicable regulations, laws and standards which are administered by the Consumer Product Safety Commission (CPSC). Regulatory information and Safety Data Sheets are available at <http://farrow-ball.com/product-advice-sheets/content/fcp-content>. 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 colors, paint finishes or wallpaper our customer services team is on hand to help you, just call (1) 888-511-1121, email [NASales@farrow-ball.com](mailto:NASales@farrow-ball.com), or write to us at Farrow & Ball, Unit 11, 310 Judson St, Toronto, Ontario, Canada, M8Z 5T6. Please note that calls may be recorded for training purposes.

### Disclaimer:

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.

Issue Date: 07/02/2024