

# FARROW & BALL®

CRAFTSMEN IN PAINT AND PAPER

## PRODUCT ADVICE SHEET

### Exterior Wood Primer & Undercoat

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

#### Available in:

100ml	750ml	✓	2.5L	5L	US Gallon	✓
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In four Colors (White & Light Tones, Mid Tones, Red & Warm Tones and Dark Tones) designed to match the chosen top coat Color. Available direct from Farrow & Ball (visit [www.farrow-ball.com](http://www.farrow-ball.com), email: [NASales@farrow-ball.com](mailto:NASales@farrow-ball.com) or call: (1)-888-511- 1121), our Showrooms and selected stockists internationally.

#### Product Overview:

This primer and undercoat provides a protective, flexible and breathable foundation for exterior bare or previously painted wood. Offers excellent adhesion and promotes a long-lasting finish. Not suitable for exterior decking or other pressure treated wood.

#### 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.

#### Exterior Bare Wood Surface Preparation:

Ensure surfaces are sound, clean, dry and free from dirt, grease and other contamination. Fill any cracks, holes and open joints with a water based exterior wood filler. To improve the paint's adhesion, lightly sand the surface. In environments where wood rotting fungi is likely to occur, treat with exterior wood preservative prior to priming. Prepare any knotty or resinous areas as above and patch prime with Farrow & Ball Wood Knot & Resin Blocking Primer. Apply one coat of Farrow & Ball Exterior Wood 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. Please note: Repeatedly repairing cracks, holes and open joints in a surface may indicate that the surface is nearing the end of its life and will require additional effort to maintain it. If this is the case consider renewal or replacement.

#### Exterior Previously Painted Wood Surface 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 a water based exterior wood filler. Lightly sand the surface to improve paint adhesion. In environments where wood rotting fungi is likely to occur, treat with exterior wood preservative prior to priming. Prepare any knotty or resinous areas as above and patch prime with Farrow & Ball Wood Knot & Resin Blocking Primer. Apply one coat of Farrow & Ball Exterior 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. Please note: Repeatedly repairing cracks, holes and open joints in a surface may indicate that the surface is nearing the end of its life and will require additional effort to maintain it. If this is the case consider renewal or replacement.

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

Stir thoroughly before use. By 'trim' we mean: Baseboards, picture rails, Chair 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: Baseboards, picture rails, Chair 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.

**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.

**Spray Settings:**

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.

**Painting Over Putty:**

If replacement putty is required for new or existing glazing, for best results use an acrylic based glazing putty which is designed to work well with modern water based paints and primers. Bare wood must first be primed with an undiluted coat of Farrow & Ball Exterior Wood Primer & Undercoat, including the end grain, and allowed to dry for a minimum of 4 hours before applying the glazing putty. Apply the glazing putty following the manufacturer's application instructions and drying times before applying your chosen Farrow & Ball finish as follows: Exterior Eggshell and Full Gloss – Apply an undiluted coat of Farrow & Ball Exterior Wood Primer & Undercoat in the correct colour tone for your top coat (allowing a minimum of 4 hours drying time between coats) followed by 2 coats of your chosen top coat (once again allowing a minimum of 4 hours drying time between coats). Ensure the glass is thoroughly clean and overlap the final top coat onto the glass by approximately 1mm to achieve a seal.

**Painting Over Exterior 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 exterior 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.

**Over Coating Pale Colours with Dark Colours:**

Changing the shade of exterior woodwork from light to dark will greatly increase the amount of heat the surface is able to absorb from the sun. In some cases, this additional heat may cause resin and gases to be released by the wood, particularly from any knots. This can result in peeling and blistering, which may not have occurred when painting the same surface with a lighter shade. To minimise the risk of this happening, and to achieve a long-lasting finish, we recommend removing as much of the previous coating as possible to expose any knots and resinous areas so that they can be prepared as above, before patch priming with Farrow & Ball Wood Knot & Resin Blocking Primer. This should be followed with a coat of the Farrow & Ball Exterior Wood Primer & Undercoat in the correct tone for your new paint colour, and then by your topcoat.

**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).

<b>Coverage Rate (per coat):</b>	<b>Drying Time:</b>
Up to 529ft <sup>2</sup> per US gallon. 105ft <sup>2</sup> per 750ml	Dry in 2 hours.
<b>Typical Recoat Time:</b>	<b>Recommended Number of Coats:</b>
Recoat after 4 hours	1

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.

<b>Density:</b>	<b>Wet Film Thickness:</b>
1.2 - 1.4 g/cc	3.1 - 4.7 MILS (80 - 120 µm)
<b>Application Humidity:</b>	<b>Substrate Moisture Content:</b>
< 80 % RH	Exterior Wood = < 15 %

**Water Vapor Transmission (ASTM D1653-13):**

203.3 grams/m<sup>2</sup>/24 hrs measured on 2 coats.

**Water Vapor Permeance (ASTM D1653-13):**

19,3 grams/m<sup>2</sup>/24 hrs/ mm Hg measured on 2 coats. This measures the rate at which water evaporates from the substrate through the paint film, measured over a period of 24 hours.

**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.

**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 4 g/l (Low) when tested to US Environmental Protection Agency standards.

**Formulation:**

A water based paint made using an acrylic binder. Contains a wide spectrum biocide to protect surfaces against algal and fungal attack. Provides mildew resistant coating.

**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:**

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. 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 [www.farrow-ball.com](http://www.farrow-ball.com).

**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.