

## PRODUCT ADVICE SHEET

### Wood Knot & Resin Blocking Primer

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:

100ml	750ml	✓	2.5L	✓	5L	US Gallon
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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:

This primer blocks resinous stains on bare hardwoods, resinous softwoods and knotty areas. For use on interior and exterior woodwork and may be used to patch prime wooden floors.

#### 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.

#### 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.

#### **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.

#### **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.

#### **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.

#### **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. 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.

#### **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.

#### **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.

**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. 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.

<b>Coverage Rate (m<sup>2</sup>/l per coat):</b>	<b>Drying Time:</b>
Up to 13	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	80 - 120 µm
<b>Application Humidity:</b>	
< 80 % RH	
<b>Substrate Moisture Content:</b>	
Interior Wood = < 15 %	Exterior Wood = < 15 %

**Water Absorption according to DIN EN 1062-3 (w<sub>24</sub> [kg/m<sup>2</sup>√24h]):**  
 0.03 (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.

**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 made using an acrylic binder.

**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/[g]): 30g/l (2010). This product contains max 2g/l VOC.

**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.

**Lead Advice:**  
 Special precautions should be taken during surface preparation of pre-1960s paint surfaces as they may contain harmful lead.

**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, or write to us at Farrow & Ball, Uddens Estate, Wimborne, Dorset, BH21 7NL, UK. 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.