



**EDWARD  
BULMER**  
NATURAL PAINT

# Water Based Eggshell Woodwork and Metalwork

A Water Based Eggshell paint with a satin finish which is suitable for use on both interior and exterior woodwork and metalwork, including radiators. This environmentally friendly, water-based paint is solvent free, non-yellowing and water-thinnable. It is a quick drying paint made with plant oils, minerals and natural pigments and bound with a novel semi-natural binder Decovery®. It has a durable, satin finish (20% sheen).

#### **Pack Size**

1 litre and 2.5 litres.

#### **Colour range**

Available in all colours.

#### **Description**

Eggshell finish (20% sheen).

Innovative, hard-wearing, water based paint for use on interior and exterior woodwork and metalwork as well as veneered surfaces, certain plastics (polar plastics e.g. PA, PET or PVC) and tiles. It is suitable for radiators up to 70°C. To be stirred thoroughly.

It is not suitable for floors.

This eggshell paint ensures excellent indoor air quality and the lowest VOC rated eggshell paint available at <1g/L. Breathable with Sd value of <0.5m.

#### **Surface Preparation - Wood**

The surface must be dry, clean, solid and coatable. Thoroughly sand existing coatings and clean off all dust. Existing coatings that are non-recoatable or unstable should be completely removed by sanding or stripping. Suitable wood fillers should be applied before application of any paint products.

#### **Priming**

Please do not use with acrylic primers. Natural paints do not always adhere to PVC primers so avoid if possible. If the surface has already been primed it is important to ascertain what primer has been used and then advice can be given about suitability of top coat. All bare wood should be primed with our Water Based Primer to create a uniform, coatable surface. All MDF and ply must be primed with our Water Based Primer or the paint will be absorbed. Bleeding knots on bare woods should be pre treated with our Water Based Primer. Apply 2 coats of primer over knots to prevent bleeding. Previously painted wood should be sanded thoroughly and cleaned off before testing the surface for suitability by doing a tester patch, leave to dry to ensure the paint will adhere and cure. Apply at least 2 top coats.

#### **Surface Preparation - Metal**

For iron parts that are not factory primed, clean and sand thoroughly to remove corrosion. Prime with our Rust-Protection Primer. Allow to dry thoroughly. For ferrous metals pre-primed by the manufacturer and not exhibiting any corrosion, clean and sand thoroughly and apply a first coat diluted with 5% water. Not appropriate for galvanized steel or nonferrous metals.

#### **Application – All surfaces**

**Stir well before use** and check correct colour before application. Slight variations or gradual lowering of gloss degree do not represent a product defect; the same applies for colour shade deviations or different production batches. Check substrate on suitability and compatibility prior to paint application. All surfaces should be clean and dry. The ambient temperature should be above 10°C and below 30°C at 50-60% rh. Thoroughly stir and apply 2/3 coats evenly (and then lay off in the direction of the grain – for wood), using brush or fine-pored foam/short pile roller. Sand lightly to make sure surface is dry before recoating and remove dust between coats.

Also suitable for spraying: High pressure, mist reduced, airmix. Tested with Wagner SF23Plus and pistol Vector Grip. Nozzle type FineFinish TT3, nozzle size 410 gun filter red. Spray pressure 100 bar.

#### **External Painting**

Do not expose unfinished coats to wet weather within 48 hours of application. Check each coat is dry by sanding lightly before applying next coat. Do not paint when day or night time temperature is less than 10°C or in driving rain or snow. Check annually and repair any defects immediately. Clear flat surfaces from standing water.

#### **Drying (23 °C/ 50% rel. humidity)**

Dust dries after approximately 2 hours, recoatable after approximately 6 hours. Fully cured after approximately 24 hours.

#### **Physical/Technical Characteristics**

Working conditions: Min 10°C, max 30°C. Max. RH 85%; optimal is 20-23°C at 50-65 RH  
Density: 1.02 – 1.30 g/cm<sup>3</sup> depending on colour shade  
Gloss level: 5 at 20°, 20 at 60°, 45 at 85° measured in white.  
VOC content: ≤1 g/L (Cat A/dwb, max permissible 130g.L) which is 0.09%.  
Perspiration and saliva-fast (DIN 53160 / EN 71 Part 3)  
Safe for toys (DIN EN71 part 3)  
Abrasion resistance: Class 1 (EN 13300).  
Opacity/covering: Class 1 @ consumption of 0.08l/m<sup>2</sup> (12.5m<sup>2</sup>/L) (EN13300)  
Breathability: Sd value<0/3 (in testing)

#### **Coverage**

11-13 m<sup>2</sup> per litre on smooth surfaces at 70-90 µm wft layer. On rough or absorbent surfaces, more paint may be required.

#### **Cleaning**

Remove paint residue from tools with wastepaper or a



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cloth and stand tools in warm, soapy water and then rinse.

Either clean surfaces with lukewarm water only or for more stubborn residues, you might need Natural Paint Soap.

## Storage

Store out of reach of children. Unopened containers of this Water Based Eggshell should be stored in frost-free place at 18°C and will last at least 24 months.

## Maintenance and follow-up treatment

Clean painted surfaces gently with mild soapy water only and without abrasives or abrasive sponges, do not use any caustic solutions.

Weathered or damaged paint should be cleaned and lightly sanded and repainted with 1-2 coats of fresh paint. Where bare wood is exposed follow the guidelines set out above.

## Health and Safety

EC Safety Data Sheet available on request.

Observe the customary protective measures, e.g. ensure adequate skin protection and ventilation during application.

## Disposal

Please empty and recycle all tins. Dried residues may be disposed of as a household waste. Liquid residues are subject to waste code (EWC code): 080120 Designation: Paints, Lacquers.



**French Indoor Air Quality  
Decree N 2011 321  
Arrêté April 2011**

## PLEASE NOTE

- If a thorough surface check cannot be carried out, remove old coatings down to the bare wood or the intact substrate.
- Avoid exposure to direct sunlight, moisture and dirt during processing and drying time.
- Minimum processing temperature: 10°C, max. 30°C, max. 85% rel. humidity; optimal is 20-23 °C at 50-65% rel. air humidity.
- Wood moisture content max. 12% in hardwood 15% in softwood - Carry out follow-up coatings promptly, following the recommended coating system.
- Do not expose unfinished coats to weather for longer periods.
- Surfaces must be checked at least once a year and defects be repaired immediately to provide for durable protection. Timely maintenance and repair provide for longer durability.
- Only use sealants and adhesive tapes that are compatible with the product. On windows and doors, the same coating sequence should be applied. Check the sealing of the glass and renew if necessary. Let the coating dry through completely before the windows are closed.
- All coating work must be adapted to the given object and its use. In particular, see Technical Guidelines No. 20, No. 26 of the BFS (Federal Paint and Property Protection Committee). \* See respective Technical Data Sheets

Please call our dedicated Customer Service team on 01544 388 535 with any queries or email us at [info@edwardbulmerpaint.co.uk](mailto:info@edwardbulmerpaint.co.uk)

N.B. The information on this data sheet is correct to the best of our knowledge and experience. EBNP reserves the right to modify data contained herein, without notice. The information supplied does not absolve users from responsibility to carry out their own tests and experiments, nor does it imply any legally binding assurance of certain properties or suitability for any specific purpose. Conditions of service and application may be beyond our control, so no liability whatsoever can be accepted based on the information supplied here.

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