EDWARD BULMER
NATURAL PAINT

TECHNICAL DATA SHEET

Water-Based Gloss

WOODWORK & METALWORK PAINT **PRODUCT OVERVIEW**

Product description

A premium water-based satin finish suitable for interior and exterior woodwork and metalwork, including radiators. Made with plant oils, minerals and natural pigments, it delivers a durable, hard-wearing finish with excellent breathability.

Product benefits

- Fully declared natural ingredients
- Bio-based binder
- Water-based
- Low VOC (<1g/L)
- Breathable
- Satin finish (20% sheen)
- Exceptional two-coat coverage
- Easy to use & quick drying
- Hard-wearing
- Non-yellowing
- Available in all colours
- Toy Safe – Safety of Toys EN71–3-2019
- Saliva & Perspiration Proof – DIN 53160

Ingredients

Water, bio-based binder, titanium dioxide, earth and mineral pigments, silicic acid, cellulose, surfactants made from rapeseed and castor oils, silicates, ammonia extracted from plants, benzisothiazolinone, sodium pyrithione.

For details on where we source our ingredients and further information, visit our website.

Suitable for

✓ Interior walls & ceilings
✓ Interior woodwork
✓ Exterior woodwork
✓ Interior metalwork
✓ Radiators up to 70°C
✓ Exterior metalwork
✓ MDF & plywood

✕ Floors
✕ Masonry

Coverage

Average coverage 11-13m² per litre*

375ml = **4.5m²**
1L = **12m²**
2.5L = **30m²**

*Coverage varies according to substrate. Extra coats may be required. Darker colours may also require additional coats.

Drying time

Touch dry **after 2 hours**

Recoat **after 6 hours**

Fully cured **after 24 hours**

These times are calculated on 23°C temperature and 50% relative humidity. High humidity levels and low temperatures are likely to prolong drying times.

Product Specifics

Finish: Gloss 80% sheen

VOC Content: <1g per litre
(EU limit for Cat A/a: 30g per litre)

Breathability: <0.3m (SD value)

Abrasion Resistance: Class 1 (EN 13300)

Opacity: Class 1

Density: 1.02-1.30g/cm³
(Values may vary due to pigmentation)

Gloss level: 5 at 20°, 80 at 60°, 95 at 85° measuring angle

Coverage: 11-13m² per litre
(Values may vary with substrate porosity, texture & application method)

Temperature: Optimal: 20-23°C / Min: 10°C / Max: 30°C

Safety of Toys: EN71-3

Emission Rating: A+

Available sizes



Water-Based Gloss

WOODWORK & METALWORK PAINT **PREPARATION & APPLICATION**

Surface Preparation - Wood

General substrate requirements:
The surface must be dry, clean, solid and free from dust. Existing coatings that are unstable or unsuitable for recoating should be completely removed by sanding or stripping. Fill any holes or imperfections with a suitable wood filler before painting.

Priming:
Avoid acrylic primers where possible, as natural paints may not always adhere to them.

Bare wood: Prime with our Water-Based Wood Primer to create a uniform, coatable surface.

MDF & plywood: Must be primed with our Water-Based Wood Primer to prevent excessive absorption.

Bleeding knots: Pre-treat with two coats of Water-Based Wood Primer to prevent staining.

Previously painted wood: Sand thoroughly, remove all dust, then test the surface with a small trial area to ensure the paint adheres and cures correctly before proceeding. Apply a minimum of two top coats.

Surface Preparation - Metal

General substrate requirements:
Metal surfaces must be clean, dry and free from corrosion, dirt, grease and loose material.

Priming:
Unprimed iron: Thoroughly clean and sand to remove all corrosion. Prime with a rust-protection primer and allow to dry fully before applying top coats.

Factory-primed ferrous metals: If the existing primer is sound and free from corrosion, clean and sand thoroughly, then apply a first coat of Water-Based Gloss diluted with 5% water.

Not suitable for: Galvanised steel or non-ferrous metals.

Application

All surfaces:
Always check the tin label, paint finish and colour is correct before application. Stir thoroughly before and during use. Test the product on a small, inconspicuous area to ensure the substrate is suitable and compatible.

Apply 2–3 coats evenly using a high-quality brush or fine-pored foam/short-pile roller. On wood, lay off the final brush strokes in the direction of the grain. Sand lightly between coats to confirm the previous coat is fully dry, then remove all dust before recoating.

Apply only when the substrate and ambient temperature are between 10°C and 30°C, with a relative humidity of 50–60%.

Visit edwardbulmerpaint.co.uk for more detailed application guidance.

Brush:
Use a high-quality natural bristle or synthetic brush. Maintain a wet edge throughout application and finish with long, even strokes in the direction of the grain.

Roller:
Use a fine-pored foam or short-pile roller. Apply evenly, maintaining a wet edge throughout application.

Spray (Guidance Only):
Suitable for high-pressure, mist-reduced and Airmix spraying systems.
Tested with: Wagner SF23 Plus and Vector Grip pistol
Nozzle: FineFinish TT3, size 410
Gun filter: Red
Spray pressure: 100 bar
Always test spray settings before full application.

Exterior Application:
Do not expose unfinished coats to wet weather within 48 hours of application. Ensure each coat is fully dry before recoating by lightly sanding the surface.

Do not apply when temperatures are below 10°C, or during rain, snow or other adverse weather conditions. Inspect exterior coatings annually and repair any defects promptly. Remove standing water from flat horizontal surfaces.

Water-Based Gloss

WOODWORK & METALWORK PAINT **CLEANING & CARE**

Cleaning

Wipe excess paint from brushes, rollers and other tools immediately after use. Wash thoroughly with warm, soapy water. Do not allow paint to dry on tools.

Storage

Store out of reach of children in a cool, dry and frost-free environment. Unopened containers of this product stored at 18°C will last 24 months from the date of production. We do not accept responsibility for the deterioration of contents and packaging after this date.

Maintenance & Touch-Ups

Clean painted surfaces gently using a soft cloth or sponge with a mild solution of warm, soapy water. Do not use abrasive cleaners, scouring pads or caustic cleaning products.

Weathered or damaged areas should be cleaned, lightly sanded and recoated with 1–2 coats of fresh paint. Where bare wood is exposed, follow the surface preparation and priming guidance before repainting. We are not able to guarantee perfect matches when touching up or repainting.

Paint Container & Packaging Disposal

All components of the packaging are recyclable. Leave leftover paint to dry in the container before disposing of it as household waste. Do not wash liquid paint into drains – dispose of responsibly under EWC Code 080120. Recycle empty tins through your local household recycling scheme where available. Consider donating excess paint to communityrepaint.org.uk.

Health & Safety

The following customary protective measures should be observed: Ensure adequate ventilation and skin protection when handling and using the paint. In case of skin contact, rinse thoroughly with plenty of water. In case of eye contact, rinse thoroughly and seek medical advice. Wear appropriate personal protective equipment when spraying and do not inhale spray mist. The Safety Data Sheet for this product is available at edwardbulmerpaint.co.uk. Dispose of paint and packaging in accordance with the legal regulations. Keep out of reach of children.

WOODWORK & METALWORK PAINT **SUPPORT & ADVICE**

For further information, please contact us.

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edwardbulmerpaint.co.uk

Disclaimer

The information on this Technical Data Sheet is correct to the best of our knowledge at the time of publishing (September, 2026). Natural Paint UK Ltd reserves the right to amend specifications without notice. Users must ensure the product's suitability for their intended application. Conditions of service and application are beyond our control; no liability whatsoever can be accepted based on the information supplied here.