

BROFLAME ULTRA BASE COAT

BM0640002: Broflame Ultra Base Coat - TDS - December 2025

1. Product Description

Broflame Ultra Base Coat Paint is an intumescent base coat for application to bare and previously painted wooden surfaces. Must be used as part of a system with Bollom Flameguard Ultra Topcoat, available in solvent-based gloss, water-based eggshell and water-based vinyl matt.

- System tested to BS EN 13501-1:2018 Class B-s1, d0 / Class B-s2, d0.
- Upgrades Bare and Previously Painted Wood
- Interior Use Only

2. Preparation

Ensure the surface to be painted is sound, clean, dry and free from grease or any substance liable to give adhesion problems. Treat any knots. Existing coatings must have excellent adhesion to the timber substrate and consist of a maximum of 4 coats of a sound, conventional decorative finish. Timber thickness must be a minimum of 9mm. Scrape off any old or flaking paint until you have a firm well adhered surface; if in doubt remove all existing coatings. For existing gloss and eggshell finishes wet abrade and rinse with clean water to remove any residues.

3. Application

Stir well before use. Applied by brush or airless spray, can be applied by roller but must be subsequently laid off with a brush to achieve a smooth finish. Broflame Ultra must not be thinned. Coverage rates must be adhered to in order to achieve the fire rating. For brush application apply in two coats taking care to avoid runs or sags allow at least 4 hours between coats. After the second coat leave 24 hours before applying Flameguard Ultra Top coats. For airless spray use a pump such as a Graco Ultra Max II or equivalent. A 25 mesh (100 micron) filter is recommended. Use a tip size of 0.019-0.029" (0.48-0.73mm) and tip pressure of 3500PSI (243kg/cm²). The internal diameter of the hose should be 0.375" (9.5mm). Throughout the period of application and drying the ambient and substrate temperature should be between 5-30°C with ambient relative humidity below 75%.

4. Coverage Rate

5m²/litre per coat. Two coats required.

5. Drying Time

Minimum 4hrs @20°C per coat. Allow to dry for a minimum of 4hrs @20°C between coats. Allow to dry for a minimum of 24hrs @20°C before applying Flameguard Ultra Top coat.

6. Clean Up

Remove as much product from application equipment as possible before cleaning with warm water. Do not flush paint down the drain, including when cleaning painting tools. Some local authorities have special facilities for the disposal of waste coatings.

7. Product Specification

VOC: EU limit value for this product (Cat A/i): 140g/l. This product contains max 30g/l VOC.

Pack Sizes: 5L.

Appearance: White Matt Finish.

Shelf Life: 18 months when stored in unopened containers in cool, dry, frost free conditions.

Must be over coated with Bollom Flameguard Ultra Top Coat available in Gloss, Eggshell and Matt.

8. Health and Safety

Please refer to material safety data sheets for health and safety information.

These are available to view and download at www.bollomfire.co.uk.

DISCLAIMER: The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. It is our recommendation that a trial area is first coated to ensure the product is satisfactory to individual requirements. Broflame Ultra Base Coat is for internal applications only and must be over coated.

9. How do I get Fire Certification?

It's simple, just keep proof of purchase, batch numbers of the products used along with site details and visit our website to input the required information.

You will then be sent the relevant Certificate of Supply within 5 working days.

The Bollom Broflame™ Ultra range has been made with the professional painter and decorator in mind. All products are easy to apply and have been fire tested to BS EN 13501-1:2018.