

WOOD FINISHES DIRECT

The following Technical Datasheet is provided by **Bollom**

Wood Finishes Direct cannot be held liable for the information contained within this document.

For purchasing information visit:
Bollom Intulac Ultra Topcoat

Bollom FIRE PROTECTION

Technical Data Sheet

INTULAC ULTRA
PROTECTIVE TOP COAT

BM0671: Intulac Ultra Top Coat - TDS - December 2025

1. Product Description

Bollom Intulac™ Ultra varnish is a high-performance fire protection coating system for wood for interior use. The system comprises a clear Intumescent Base Coat - designed to form a protective carbon char in the event of fire, delaying the inflammation of the wood - and a clear Protective Top Coat (available in Matt and Satin finishes).

Intulac™ Ultra is applied to deliver BS EN 13501-1:2018 Class B-s1, d0.

2. Application Areas

Reduction of ignitability of soft and hard wood and other wood derivatives, i.e. plywood, chipboard, fibre insulation board, hard board, also on veneering ≥ 9mm thickness. For interior use only. Not suitable for surfaces exposed to mechanical stress, such as floors, doors, stairs etc.

3. Preparation

Surface to be painted must be primed with Bollom Intulac™ Ultra Intumescent Base Coat and dry, free from dust, oil, wax, grease and release agents. The Intulac Ultra Basecoat must be left a minimum of 48 hours and max of 4 days prior to applying the Intulac Ultra Topcoat.

4. Site Conditions

Object temperature should not be below 10°C or exceed 40°C. Relative humidity should not exceed 70%. Application temperature shall be at least ≥ 3 K above dew point. In cases where relative humidity may exceed 70%, special measures must be taken to prevent condensation forming during application of the product.

5. Application

Airless spraying

Stir thoroughly prior to application. Material shall be applied undiluted. Airless spray equipment with transmission ≥ 30:1. Hose diameter not below 3/8". Recommended nozzle size 0.28-0.38 mm or 0.011-0.015". Hoses must be used only for solvent-based coatings.

Brushing / Rolling

Stir thoroughly prior to application. Material shall be applied undiluted in supply viscosity. Natural fine bristle brush or short pile lambs wool roller recommended. When hand applying in larger areas product can be applied more effectively and smoothly by rollering with a short mohair roller and then "laying off" in the direction of the wood grain.

6. Consumption / Coverage

The Intulac™ Ultra system requires the application of both the Intumescent Base Coat and Protective Top Coat as follows:

BS EN 13501-1:2018 Class B-s1, d0 (3 coat system) – bare timber	
Intulac™ Ultra Intumescent Base Coat	Apply 2 coats @ 5m²/L each coat
Intulac™ Ultra Protective Top Coat	Apply 1 coat @ 20m²/L

BS EN 13501-1:2018 Class B-s1, d0 (3 coat system) – previously varnished	
Intulac™ Ultra Intumescent Base Coat	Apply 2 coats @ 4m²/L each coat
Intulac™ Ultra Protective Top Coat	Apply 1 coat @ 20m²/L

7. Drying Time

In temperatures in the region of 20°C with 60% relative humidity the product will be through dry in approximately 6 hours. Lower temperatures and higher relative humidity my extend drying times. Do not stack timber components treated with the Bollom Intulac Ultra System.

8. Clean Up

Clean equipment immediately after use with TH19 Thinners or Xylene based thinners, do not use white spirit.

9. Product Specification

VOC: EU limit value for this product (Cat A/i): 500 g/l. This product contains max 500 g/l VOC.

Pack Sizes: 500ml

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

10. 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. Intulac Ultra Top Coat is for internal applications only and must be applied as part of a system with the Intulac Ultra Base Coat.

11. 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 Intulac™ 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 Class B-s1, d0.

Bollom Fire Protection
Unit 21 White Rose Way, Follingsby Park,
Gateshead, Tyne & Wear, NE10 8YX
For Technical Enquiries or Material Safety Data Sheets contact us on 0191 4113166 or techsupport@tor-coatings.com or visit www.bollomfire.co.uk