

Technical Data Sheet



Intulac™ Ultra Protective Top Coat Technical Data

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 Class 0 and fire performance.

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 ≥ 12 mm thickness. Insulates against heat, checks fire, prevents propagation of fire and diminishes flue-gas density and flue-gas temperature.

For interior use only. Not suitable for surfaces exposed to mechanical stress such as doors, floors, stairs etc.

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.

Coating Preparation – Stir thoroughly prior to application.

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.

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 may extend drying times

Do not stack timber components treated with the Bollom Intulac Ultra System

Application Methods

<u>Airless spraying:</u>
- Material shall be applied undiluted.
- Airless spray equipment with transmission $\geq 30:1$.
- 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.
<u>Brushing / Rolling:</u>
- 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 rolling with a short mohair roller and then "laying off" in the direction of the wood grain.

Consumption / Coverage - The Intulac™ Ultra system requires the application of **both** the Intumescent Base Coat and Protective Top Coat as follows;

Class 0 (3 Coat System)	
Intulac™ Ultra Intumescent Base Coat	Apply 2 coats @ 5m ² /L each coat
Intulac™ Ultra Protective Top Coat	Apply 1 coat @ 25m ² /L

A 500ml can of Intulac™ Ultra Protective Top Coat Matt or Satin will cover 12.5m².

Cleaning Of Equipment - Clean equipment immediately after use with TH99 Thinners or Xylene based thinners, do not use white spirit.

Health & Safety – refer to the product MSDS

Shelf Life

18 months from date of manufacture, in unopened tins stored in cool, well ventilated frost free conditions.

VOC Information

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

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 contact our Customer Services Department on 0191 410 6611 with the information and they will send you 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 and all products are easy to apply and have been fire tested to BS 476 Parts 6, 7.

For further information and material safety data sheets please telephone Tor Coatings on 0191 410 6611, e-mail enquiries@tor-coatings.com or visit www.bollomfire.co.uk.