The Bollom brand has been associated with fire protection coatings technology since its conceptual stage in the early 1970s when the company (then known as J.W. Bollom & Co) acquired a very early intumescent for structural steel from France. It then went on to manufacture the first textured, solvent based intumescent. Since then the range has grown into one of the most comprehensive on the market including decorative coatings not only for structural steel but also internal walls and ceilings, internal wood and wood veneer. All of Bollom's Intumescent Coatings for structural steel have been fully fire tested BS476:Part 20/21:1987.

We offer a technical advice and specification service with on-site support if required. Certificates of Conformance and Installation are supplied with every purchase, and can be requested by the architect, main contractor, quantity surveyor or building control officer. Tor Coatings has ISO 9001 accreditation and is a member of the British Coatings Federation.

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 Certificates of Conformance and Installation within 5 working days.

Bollom FIRE PROTECTION

For **technical advice** or **a list of stockists,** contact:

Bollom Fire Protection - A Division of Tor Coatings Limited,

Portobello Industrial Estate, Birtley, County Durham, DH3 2RE.

www.tor-coatings.com

Tel: +44 (0)191 410 6611 **Fax:** +44 (0)191 492 0125

E-mail: enquiries@tor-coatings.com **Web:** www.bollomfire.co.uk

Bollom FIRE PROTECTION

Intulac™ Ultra Varnish

A high performance, single-pack, fire protection coating system for interior wood

- **Simple specification: 1 tin of 5L Basecoat and 1 tin of 500ml Topcoat will coat 12.5m²**
- **Easy to apply**
- **Upgrades previous varnishes to Class 0**

Fully fire tested BS476 : Parts 6 & 7

Providing Class 0 Fire Protection - *the best protection possible*

FIRE PROTECTION *for* INTERIOR TIMBER

Bollom Intulac™ *Ultra*

A FIRE PROTECTION COATING SYSTEM FOR INTERIOR WOOD

Comprises a clear intumescent base coat and a clear protective top coat in Matt or Satin finishes.

•

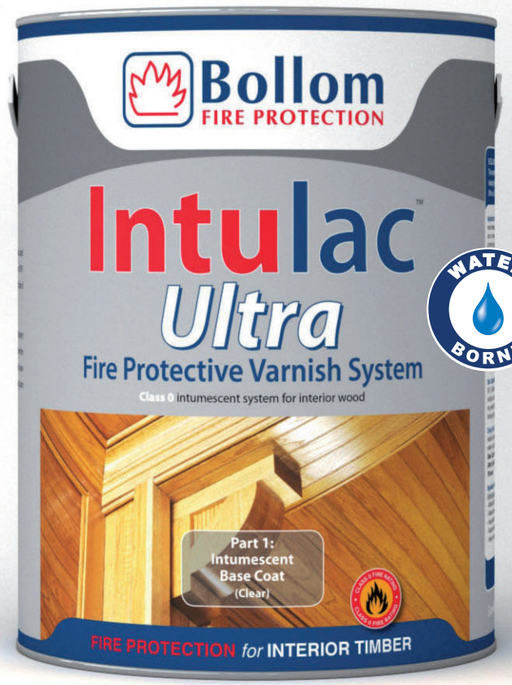
Protects and highlights the natural beauty of the wood - ideal for timber in communal areas.

•

Upgrades existing wood and wood panelling to provide Class 0 Fire Protection. Upgrades previously varnished surfaces to Class 0.

•

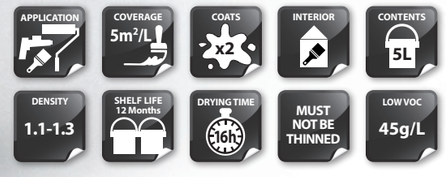
Unique single-pack formula - no mixing neccessary.



Intulac™ *Ultra* - Basecoat

Intulac™ Ultra Basecoat is designed to form a protective carbon char in the event of fire, delaying the inflammation of the wood. It reduces ignitability of soft and hard wood and other wood derivatives i.e. plywood, chipboard, fibre insulation board, hard board and also on veneering (greater than or equal to 12mm thick). It also insulates against heat, checks fire, prevents propagation of fire and diminishes flue-gas density and flue-gas temperature.

- Can be applied over existing varnish – maximum of four, single, well-adhered coats.



NB: Must be overcoated with Intulac Ultra Top Coat after 48 hours and not more than 4 days.

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 @ 5m²/ltr each coat
Intulac™ Ultra Protective Top Coat	Apply 1 coat @ 25m²/ltr

Intulac™ *Ultra* - Top Coat (Satin Finish)

A high performance, clear protective top coat for wood with a satin finish. Surfaces to be painted must be primed with Intulac™ Ultra Base Coat.

- Solvent-borne

Drying Time: In temperatures in the region of 20°C with 65% relative humidity the product will be touch dry in approx. 6 hours and fully cured after approx. 6 days.

Intulac™ *Ultra* - Top Coat (Matt Finish)

A high performance, clear protective top coat for wood with a matt finish. Surface to be painted must be primed with Intulac™ Ultra Base Coat.

- Solvent-borne

Drying Time: In temperatures in the region of 20°C with 65% relative humidity the product will be touch dry in approx. 6 hours and fully cured after approx. 6 days.

Bollom Fire Tests

1. Combustible (wood) Surfaces

Finish	Class	System	m²/litre	Number of coats	Fire Test Certificate Numbers (BS476 pt6 and pt7)
Intulac™ Ultra	0	Intulac™ Ultra Intumescent Basecoat	5	2	Bare Timber
		Intulac™ Ultra Protective Topcoat	25	1	EWF 339895 / 339898*
Intulac™ Ultra	0	Intulac™ Ultra Intumescent Basecoat	5	2	Previously Varnished**
		Intulac™ Ultra Protective Topcoat	25	1	EWF 339896 / 339899

Fire tests were carried out on 12mm particle board. Particle board is considered to be the worst case scenario in terms of spread of flame and heat release, in comparison to other wood types.

Intulac™ Ultra is not recommended for use on surfaces where significant physical wear is likely (e.g. Doors, hand rails, stair tread, floors etc.) It is not suitable for high humidity areas (eg kitchens/ bathrooms.)

Pre-treatment of timber with preservatives: Most proprietary brands of preservative are normally suitable, but a test area should be carried out first.

** >12mm. ** >12mm substrate / maximum 4 coats, well adhered conventional varnish.*