

Bollom Fire Tests

| Finish | Class | System | m ² /litre | Number of coats | Fire Test Certificate Numbers (BS476 pt6 and pt7) |
|------------------------------------|-------|---|-----------------------|-----------------|---|
| 1. Non-Combustible Surfaces | | | | | |
| Gloss | 0 | Flameguard Ultra Primer | 12 | 1 | EWF 314504 / 314505 |
| | | Flameguard Ultra Gloss Topcoat | 14 | 2 | |
| Acrylic Eggshell | 0 | Flameguard Ultra Primer | 12 | 1 | EWF 314509 / 314510 |
| | | Flameguard Ultra Acrylic Eggshell Topcoat | 12 | 2 | |
| Vinyl Matt | 0 | Flameguard Ultra Primer | 12 | 1 | EWF 314507 / 314508 |
| | | Flameguard Ultra Vinyl Matt Topcoat | 12 | 2 | |

Fire tests were carried out on 9mm supalux board.

2. Previously Painted Non-Combustible Surfaces

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|------------------|---|---|----|---|---------------------|
| Gloss | 0 | Flameguard Ultra Primer | 12 | 1 | EWF 314511 / 314512 |
| | | Flameguard Ultra Gloss Topcoat | 14 | 2 | |
| Acrylic Eggshell | 0 | Flameguard Ultra Primer | 12 | 1 | EWF 314513 / 314514 |
| | | Flameguard Ultra Acrylic Eggshell Topcoat | 12 | 2 | |
| Vinyl Matt | 0 | Flameguard Ultra Primer | 12 | 1 | EWF 314516 / 317463 |
| | | Flameguard Ultra Vinyl Matt Topcoat | 12 | 2 | |

Fire tests were carried out on 9mm supalux board which was then coated with 10 coats of Acrylic Eggshell prior to application of the Flameguard Ultra Primer and Topcoat.

3. Combustible (wood) Surfaces

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|------------------|---|---|----|---|---------------------|
| Gloss | 0 | Broflame Ultra Basecoat | 5 | 2 | EWF 312640 / 312639 |
| | | Flameguard Ultra Gloss Topcoat | 14 | 2 | |
| Acrylic Eggshell | 0 | Broflame Ultra Basecoat | 5 | 2 | EWF 312641 / 312638 |
| | | Flameguard Ultra Acrylic Eggshell Topcoat | 12 | 2 | |
| Vinyl Matt | 0 | Broflame Ultra Basecoat | 5 | 2 | EWF 312642 / 312637 |
| | | Flameguard Ultra Vinyl Matt Topcoat | 12 | 2 | |

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.

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, external and internal wood and wood veneer. All of Bollom's Intumescent Coatings for structural steel have been fully fire tested BS476:Part 20/21:1987 ASFP Approved.

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 Certificate of Supply within 5 working days.



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.bollomfire.co.uk

Tel: +44 (0)191 410 6611 Fax: +44 (0)191 492 0125 E-mail: enquiries@tor-coatings.com Web: www.bollomfire.co.uk



Flameguard[™] Ultra



Bollom Flameguard[™] Ultra

- As easy to use as conventional paints providing a high quality, durable, decorative finish
- Unlike conventional paint systems that can encourage fire spread, with Flameguard Ultra paints, fire spread is severely inhibited or even prevented
- Ideal for use in communal areas (e.g. public buildings, schools and hospitals) on broad walls, timber and metals
- The Flameguard Ultra range complies with building regulations for fire protection - Fully fire tested BS476 : Parts 6 & 7

DECORATIVE FIRE PROTECTION SYSTEM



Flameguard™ Ultra - Primer / Undercoat

Use on bare and previously painted, non-combustible surfaces (such as plaster, cement, concrete and old paint work) prior to applying Bolloom Flameguard Ultra Top Coats. Whilst sealing porous surfaces, this primer will also block stains providing a perfect base for your chosen topcoat.

- Excellent adhesion
- Ideal for previously painted surfaces

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|-----------------|------------------------------|-----------------------|-------------------|---------------------|------------------|
| APPLICATION | COVERAGE 12m ² | COATS x1 | EXTERIOR | INTERIOR | CONTENTS 5L |
| DENSITY 1.34 | FLASH POINT >100°C | SHELF LIFE 2 Years | DRYING TIME 4h | MUST NOT BE THINNED | LOW VOC 30g/L |



Flameguard™ Ultra - Vinyl Matt Top Coat

Use over: Broflame™ Ultra Basecoat on wood surfaces, BROSTEEL™ Ultra 60 and Fireshield Ultra Universal intumescent coatings for steel surfaces and for application onto bare and previously painted non-combustible surfaces use Bolloom Flameguard Ultra Primer / Undercoat.

- Hard wearing and protective, vinyl matt finish
- Available in BS4800, RAL840HR and NCS colour ranges

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|--------------------|------------------------------|-----------------------|-------------------|---------------------|------------------|
| APPLICATION | COVERAGE 12m ² | COATS x2 | EXTERIOR | INTERIOR | CONTENTS 5L |
| DENSITY 1.3-1.5 | FLASH POINT >100°C | SHELF LIFE 2 Years | DRYING TIME 4h | MUST NOT BE THINNED | LOW VOC 30g/L |



Flameguard™ Ultra - Gloss Top Coat

Use over: Broflame™ Ultra Basecoat on wood surfaces, BROSTEEL™ Ultra 60 and Fireshield Ultra Universal intumescent coatings for steel surfaces and for application onto bare and previously painted non-combustible surfaces use Bolloom Flameguard Ultra Primer / Undercoat.

- Exceptionally hard wearing
- Provides Class 0 fire rating on non-combustible surfaces
- Superb flow, film build and colour retention

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|--------------------|------------------------------|-----------------------|--------------------|---------------------|------------------|
| APPLICATION | COVERAGE 14m ² | COATS x2 | EXTERIOR | INTERIOR | CONTENTS 2.5L |
| DENSITY 0.9-1.1 | FLASH POINT >36°C | SHELF LIFE 2 Years | DRYING TIME 16h | MUST NOT BE THINNED | VOC 500g/L |



Flameguard™ Ultra - Acrylic Eggshell Top Coat

Use over: Broflame™ Ultra Basecoat on wood surfaces, BROSTEEL™ Ultra 60 and Fireshield Ultra Universal intumescent coatings for steel surfaces and for application onto bare and previously painted non-combustible surfaces use Bolloom Flameguard Ultra Primer / Undercoat.

- Hard wearing and protective, eggshell finish
- Available in BS4800, RAL840HR and NCS colour ranges

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|--------------------|------------------------------|-----------------------|-------------------|---------------------|------------------|
| APPLICATION | COVERAGE 12m ² | COATS x2 | EXTERIOR | INTERIOR | CONTENTS 5L |
| DENSITY 1.2-1.4 | FLASH POINT >100°C | SHELF LIFE 2 Years | DRYING TIME 4h | MUST NOT BE THINNED | LOW VOC 30g/L |