



Intumescent Fire Varnish (Basecoat)

IFV Intumescent fire varnish basecoat

IFV Intumescent fire varnish basecoat is part of a fire protection varnish system with the option of a clear or stained finish for Fire Protection of timber and timber derivative substrates. The special formula provides a tough, durable finish to internal and external wood. Clear or stained finishes enhance the natural beauty of the wood while fire protecting new and previously varnished surfaces. 1 coat

IFV Intumescent fire varnish basecoat plus 1 coat **FVO overcoat fire varnish** clear or 2 coat woodstain. For damp or heavily cleaned areas apply 1 coat External overcoat. For external - 2 coats External.

- Saves Money and Time!
- For class 1, 0, & B s2 d0 – 1 coat basecoat + 1 coat Interior /2 coats exterior Overcoat.
- For 30/60 minutes – 3 coats basecoat + 1 coat Interior /2 coats exterior Overcoat. Contact Technical Dept. T: [01329 841 416](tel:01329841416) or E: sales@stormflame.com

Available in

20 square metre packs

Intumescent fire protection

When exposed to fire, **IFV Intumescent fire varnish basecoat** expands to create an insulating barrier, protecting timber surfaces from flames, heat and oxygen and suppressing emission of deadly smoke and gasses.



Clear and stained varnish finishes

IFV Intumescent fire varnish basecoat are available in Clear, Stained Varnish, Matt or Satin

- **IFV Intumescent fire varnish basecoat** available in 20 sq m
- Clear & Stained Fire Varnish Overcoat in 20 sq m + 80 sq m

Specification and application

Prepare and apply –

- 1 coat **IFV Intumescent fire varnish basecoat**
- 1 coat** **FVO overcoat fire varnish (internal)** Clear or Stained

** Fruitwoods and for stained varnish finish - 2 coats **FVO fire varnish overcoat (internal)**.

EXTERNAL – 1 coat **IFV Intumescent fire varnish basecoat**, 2 coats **FVO overcoat fire varnish (external)**.

Application by painters, decorators and other professional users only. Refer to instructions on Fire Varnish Base & Overcoat containers.

Previously varnished & stained surfaces or wood preservers

IFV Intumescent fire varnish basecoat can be applied over firmly adhered standard clear varnish. For existing stained varnishes, stain coatings, old fire coatings or if in doubt, contact Technical Dept.

If preservatives are required, use rapid drying clear non water-repellent grades.***

For tanalised or other preservative treatments, contact Technical Dept.

***Allow adequate time for stain or preservative fluids to escape.

Fire test standards

- BS EN Class B s2 d0 **
- Class O *

Note – For 30 or 60 mins Fire Resistance, contact Technical Dept. T: [01329 841 416](tel:01329841416) or E: sales@stormflame.com



Intumescent Fire Varnish (Basecoat)

Preparation

Cover, countersink & fill, or use non-ferrous, galvanized, stainless or sheradised fittings
Ensure surfaces are dry, clean and free of all contamination.
Varnished, sealed or non-porous wood should be abraded thoroughly with 120 grit grade silicone carbide abrasive when dry to provide a good key.

Conditions

During application & drying of the full system

- Ensure surfaces are thoroughly dry – max 18% moisture content.
- Maximum relative humidity RH 75%. Ensure adequate ventilation.
- Minimum air temperature 6°C. Minimum surface temperature 3°C above dewpoint– avoid condensation.

New fire regulations & tests explained

- The new fire standard BS EN test lasts 20 mins. with airflow replaces the old BS 476 tests which lasted 10 mins and strangely restricted airflow.
- The new standard for flamespread and heat release Class B replaces Class O.

The new BS EN tests also monitor –

- Smoke & Gas “s” – s1 + s2 are none or very low & compliant, s3 = moderate smoke, s4 = heavy smoke.
- Flaming Droplets or Airborne particulates – d0 is none, d1 = low, d2 = moderate d3 = high levels.

Environmental, health & safety

IFV Intumescent fire varnish basecoat, Clear & Stained Varnish Overcoat matt & satin are water-based. For application by painters, decorators & other professional users.

Quality assurance

All products are manufactured under ISO 9001.

All materials and specifications are provided in accordance with the terms and conditions go to www.stormflame.co.uk/terms.html

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.



Intumescent Fire Varnish (Overcoat)

FVO overcoat

FVO fire varnish overcoat Intumescent (internal and external) is a part of a varnish system with the option of a clear, tinted or stained finish for Fire Protection of timber and timber derivative substrates. The special formula provides a tough, durable finish to internal and external wood. Clear or stained finishes enhance the natural beauty of the wood while fire protecting new and previously varnished surfaces. **FVO fire varnish overcoat Intumescent (internal and external)** matt or satin provides protection against UV and wear.

internal

- Matt or Satin
- Clear 1 coat over basecoat
- Woodstain 1 or 2 coats over basecoat
- Always Provide adequate ventilation

external

- Matt or Satin
- Weather & UV resistant overcoat
- Clear or woodstain 2 coats over basecoat
- Always Provide adequate ventilation

Available in

20 & 80 square metre packs

Intumescent fire protection

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Clear + stained varnish finishes

FVO fire varnish overcoat Intumescent (internal and external) are available in Clear, Stained Varnish, Matt or Satin

- **IFV Intumescent fire varnish basecoat** available in 20 sq m
- Clear & Stained Fire Varnish Overcoat in 20 sq m + 80 sq m

Specification and application

Prepare and apply –

- 1 coat **IFV Intumescent fire varnish basecoat**
- 1 coat** **FVO overcoat fire varnish (internal)** Clear or Stained

** Fruitwoods and for stained varnish finish - 2 coats **FVO fire varnish overcoat (internal)**.

EXTERNAL – 1 coat **IFV Intumescent fire varnish basecoat**, 2 coats **FVO overcoat fire varnish (external)**.

Application by painters, decorators and other professional users only. Refer to instructions on Fire Varnish Base & Overcoat containers.

Previously varnished and stained surfaces or wood preservers

FVO fire varnish overcoat Intumescent (internal and external) can be applied over firmly adhered standard clear varnish. For existing stained varnishes, stain coatings, old fire coatings or if in doubt, contact Technical Dept.

- If preservatives are required, use rapid drying clear non water-repellent grades.***
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Fire test standards

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