

Trade Name: ASTRO IF VARNISH

INTUMESCENT FIRE VARNISH BASECOAT

Clear Intumescent Varnish

BS476 Part 7: Class 1 surface spread of flame.

BS476 Part 6: Fire propagation.

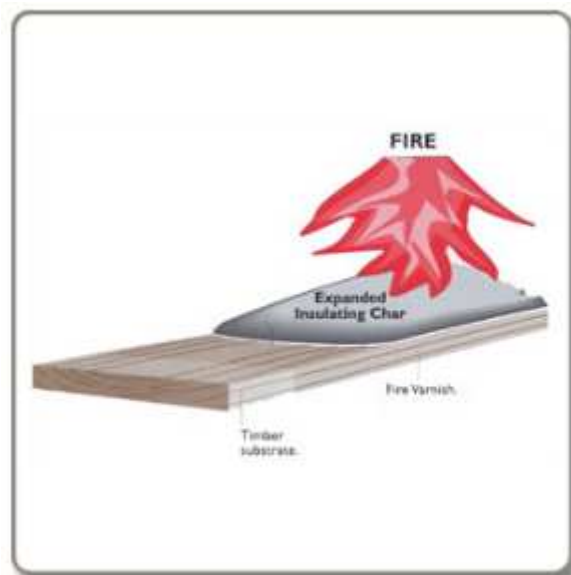
Designated Class 0 in accordance with U.K. Building Regulations.

Internal or External Use

Water based

Brush, roller or spray application.

Sealer coat available in Satin and Matt finishes.



Description

When exposed to a fire Astroflame Intumescent Fire Varnish expands to create a fire protective barrier, insulating the timber surfaces from heat and oxygen

Astroflame Intumescent Fire Varnish is an exceptionally clear lacquer for decorative fire protection of prepared timber and timber derivative surfaces.

Overcoated with ASTRO FVO, its special formula provides a hard, durable finish suitable for panelling, boarding, furniture etc.

For internal and external use on bare or previously varnished surfaces.

Its clear finish enhances the natural beauty and fire protects new and previously varnished internal timber surfaces.

Astroflame Intumescent Fire Varnish has good adhesion and can be applied over existing varnished surfaces. Preparation requires through abrading with wet or dry abrasive paper to provide a key. Wash down with warm detergent solution and rinse with clean warm water. Allow to dry.

A sealer coat/overcoat is also available in Satin or Matt finishes.

Contact our Technical Department (see specification section below) for written specification if applying to maple or timber from other fruit tree species

Coverage

ASTRO IFV is water based and can be thinned with water to any required consistency but **must be applied at a specific coverage rate per litre to retain the appropriate fire rating.**

Class 1 - Apply Astroflame Fire Varnish at 6.5m sq. per litre (150 µ wet).
Class 0 - Apply Astroflame Fire Varnish at 6.5m sq. per litre (150 µ wet).

ASTRO IFV is overcoated with one coat of ASTRO FVO for normal locations and two coats for damp or external locations. Coats applied at 12m sq. per litre.

Availability

Astroflame Fire Varnish ASTRO IFV BASECOAT is available 20m² packs.
The sealer coat ASTRO FVO is available in satin and matt in 20m² and 80m² packs.

To Order & Specify

We are happy to provide specifications and quotations - please use our [SPECIFICATION FORM](#) to ensure we cover all aspects of your fire protection and decorative requirements in our quote. We accept any order size.

Prior to application the contractor should contact the Astroflame Technical Department (see above) to obtain a basecoat application schedule.

Fire Tests

Certificate of Supply upon request for each project for Insurance, Fire and Building Control Authority and Client Records.



Application

Counter-sink and stop or seal bare ferrous metal fixings and fittings. Ensure surfaces are clean and dry.

Mix the base and activator components in ratio 2:1. Stir base and add activator slowly; continue stirring vigorously until a homogeneous mix is obtained. Usable pot life 1 ½ - 2 hours.

Brush, roller or spray. Apply 1 or 2 coats of Astroflame Fire Varnish. After 12 hours (min.) apply 1 coat of the appropriate topcoat. Contact Astroflame for spray equipment advice.

Maximum timber moisture content 18%. Maximum relative humidity during application and drying 8°C. Minimum surface temperature 3°C above dew point.

Clean equipment with water immediately before and after use. Ensure adequate ventilation during drying.

Compatible with most stains, dyes and liming wax. The use of acid fast wood dyes is recommended. Where other types of stains or stained varnishes have been used contact Astroflame's Technical Department.

Health and Safety

Astroflame Fire Varnish is a low odour, water-based system, thus making it 'user and environmentally friendly'

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