

THERMOGUARD FIRE VARNISH

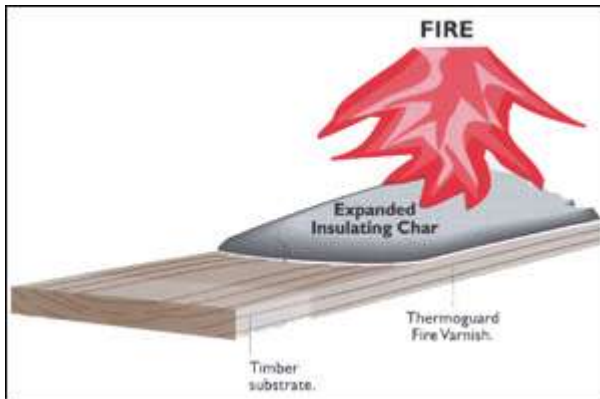
CLASS 1 AND CLASS 0 INTUMESCENT VARNISH

DESCRIPTION AND USE

Thermoguard Fire Varnish is an exceptionally clear lacquer for decorative fire protection of prepared timber and timber derivative surfaces. Its special formula provides a hard, durable finish suitable for panelling, boarding, doors, floors, furniture etc. It's clear finish enhances the natural beauty and fire protects new and previously varnished internal timber surfaces.

INTUMESCENT FIRE PROTECTION

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



FINISH

Thermoguard Fire Varnish Overcoat is available in gloss, satin and matt.

TO SPECIFY

Simply State:

Prepare and apply Thermoguard Fire Varnishes to Class 1/Class 0 with gloss/satin/matt finish according to the manufacturer's instructions (N.B. for wet areas apply Gloss Overcoat over the Fire Varnish).

FIRE TESTING

Tested to BS476 Part 7; Class 1 surface spread of flame.
BS476 Part 6; Fire propagation.
Designated Class 0 in accordance with U.K.
Building Regulations

PREVIOUSLY VARNISHED SURFACES

Thermoguard 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.

FIRE CERTIFICATION

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

COVERAGE

Class 1 – Apply Thermoguard Fire Varnish at 6.5m sq. per litre (150 m wet).

Class 0 – Apply Thermoguard Fire Varnish at 6.5m sq. per litre (150 m wet).

Apply Fire Varnish Gloss, Satin or Matt Overcoat at 12m sq. per litre. For humid areas apply Thermoguard Fire Varnish Gloss Overcoat over the Thermoguard Fire Varnish.

APPLICATION

Counter-sink and stop or seal bare Ferrous metal fixings and fittings. 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. Thermoguard Fire Varnish. After 12 hours (min.) apply 1 coat of the appropriate Topcoat. Contact Thermoguard for spray equipment advice. Ensure surfaces are clean and dry. 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.

ENVIRONMENTAL HEALTH & SAFETY

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

COMPOSITION

Clear intumescent compounds.
Clear Epoxy resin binders.

STAINS

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 Thermoguard's Technical Department.

All materials and specifications are provided in accordance with the terms and conditions of Thermoguard Ltd. Refer to [Health and Safety Data Sheet](#) prior to using this product.