THERMOGUARD
FIRE & PROTECTIVE PAINTS

Issued 20/11/2023

Varnish Overcoat (Interior & Exterior) Matt & Satin

For Professional Use Only

Clear Fire Protection Overcoat for Fire Varnish System for Interior & Exterior Wood
Thermoguard Fire Varnish Overcoat is for use in combination with and over Thermoguard Fire Varnish Basecoat in internal & external applications.

Benefits
For timber/timber derived substrates
Clear and wear-resistant finish with enhanced UV Spectrum filters.
Certificate of Supply available when used over Thermoguard Fire Varnish Basecoat
Choice of Clear or Woodstain colours

Pack Size
Each tin will protect 20sqmtrs in **one coat for Internal** applications.
Or 10sqmtrs in **two coats for External** application for greater weather protection.

Thermoguard Fire Varnish is a varnish **system** with options of clear or stained finish for the Fire Protection of timber and timber derivative substrates to BS EN (13501) Class **B s2d0** and old Class 0 (for 30 or 60 minutes Fire Resistance contact Thermoguard Technical).
The special formula provides a tough, durable finish to wood. Clear or stained overcoats enhance the natural beauty of the wood while fire protecting new/bare and surfaces protected by Thermoguard Fire Varnish Basecoat.

Thermoguard Fire Varnish System is made up of Thermoguard Fire Varnish Basecoat (a two component, water-based product consisting of a base and activator mixed together before use) which creates a clear, intumescent basecoat to be finished with Thermoguard Fire Varnish Overcoat available in a clear or stained matt or satin finish.
Thermoguard Fire Varnish Overcoats provide protection against wear & UV, whilst Thermoguard Fire Varnish Basecoat provides the Fire Protection.

Fire Protection

When exposed to fire, the Thermoguard Fire Varnish System expands to create an insulating barrier, protecting timber surfaces from flames, heat and oxygen and suppressing emission of deadly smoke & gasses.

Specification
To BS EN Class B s2 d0 and old Class 0. See “Application” section below
(for 30 or 60 minutes Fire Resistance contact Thermoguard Technical).

Application
Please note:
Timber must be clean, thoroughly dry & free from wax, silicones, residues of caustic / high pH wood treatments or paint stripper residues prior to application (maximum 18% moisture content). If not yet erected, coat all sides & ends before erection. If erected already, seal gaps behind boards wherever practical with expanding fire-resistant foam.

Prepare and apply
1 coat of Thermoguard Fire Varnish Basecoat (see basecoat technical information)
1>4 days after Basecoat is hard dry, apply 1 coat of Thermoguard Fire Varnish Overcoat for internal. Or 2 coats for External Matt or Satin Woodstain Colour.
NOT suitable for the topside of floor surfaces that will be walked on.

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Technical Info	Application by painters, decorators & other professional users only. Refer to instructions on Fire Varnish Base & Overcoat. The Thermoguard Fire Varnish System can be applied over firmly adhered standard clear varnish. For existing stained varnishes, stain coatings, old fire coatings or if in doubt, contact our Technical Department. If preservatives are required, use rapid drying clear non water repellent grades*. For tanalised or other preservative treatments, contact our Technical Department. Allow adequate time for stain or preservative fluids to escape before applying the Fire Varnish System. **Test Standards** BS EN Class B s2 d0 **& Certification** Class 1 and Class 0 For fire protection to **Doors**, contact our Technical Department. For fire protection **OSB/Sterling Board** contact our Technical Department. Thermoguard will issue a Certificate of Supply upon request for each correctly specified project for Insurance, Fire and Building Control Authority and Client Records against proof of purchase.
Preparation	Cover, countersink & fill, or use non-ferrous, galvanized, stainless or sherardised fittings Ensure surfaces are dry, clean and free of all contamination. Varnished, sealed or non-porous wood should be abraded thoroughly with medium grade silicon
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 and Air Flow Static air will slow down drying times. Minimum air temperature 6°C. Minimum surface temperature 3°C above dewpoint – avoid condensation.
Cleaning	Return as much unused **Fire Varnish Overcoat** to its original container as possible. Wash brushes rollers and guns **White Spirit or Brush cleaner** following use. **Important note**: Fire Varnish Basecoat is **waterbased.** Fire Varnish Overcoat is **oil based**.
Health and Safety	Please refer to the relevant Safety Data Sheet for full details of this product Apply all products in accordance with BS 6150:2019- Code of practice for painting of buildings. Do not store this product in cold temperatures below 5°C or above 30°C.
Further Support	If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01142 768008 option 2 or email technical@thermoguard.co.uk