



New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

Rights are reserved to change and update the data without notice.

This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

THERMOPROOF EXTERIOR

PENETRATING FIRE PROOF FLUID FOR WOOD

INTENDED USE

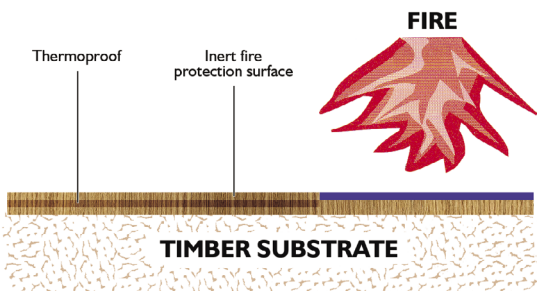
Fire protection for bare timber sleepers, fencing, cladding and decking.

DESCRIPTION

Durable clear fire and flame resistant fluid for external and internal wood. Weather resistant. Water-based, non flammable formula enables safe application by untrained and inexperienced users.

HOW IT WORKS

Penetrates deep into porous wood. When exposed to fire Thermoproof creates an inert layer within the wood's surface which insulates the wood from fire, preventing flamespread.



FIRE TEST STANDARDS

in EU- accredited Fire Test laboratory

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

For 30 or 60 mins contact Technical Dept. 01142 768008 (2) technical@thermoguard.co.uk

APPLICATION

- Final spread rate 3.7sqm per litre typically 3 coats at 1.1sqm per litre. Order: 1 x 5 litre per 18.5sqm.
Note: for Western Red Cedar 2.6sqm per litre typically 3 coats at 7.8sqm per litre. Order: 1 x 5 litre per 13sqm
- Ensure each application has fully soaked in before applying the next. Allow a minimum of 2 hours between applications.
- Apply to small test patch prior to main application.

COVERAGE

- 18.5sqm per 5 litres, 74sqm per 20 litres.
- Western Red Cedar: 13sqm per 5 litres, 52sqm per 20 litres

APPLICATION METHOD

- Brush, Roller, Spray.

PACK SIZES

- **Thermoproof Exterior** - 5 litres

APPLICATION CONDITIONS

- Apply to dry wood (below 18% moisture) above 5C in dry conditions prior to painting or waterproofing. Where possible wait until the wood has thoroughly dried out before fixing.
- Allow adequate time for the wood to dry out after treatment before applying any coating.*

LIMITATIONS-STAINED, VARNISH or PAINTED WOOD

- For treatment with Thermoproof to be effective it needs to be able to penetrate the wood.
- Remove any water resistant coating, sealer coat, waxy feel, glossy sheen, or water proofing effect created by a previous treatment or preparation before application.

PROJECT FIRE CERTIFICATION

Thermoguard issue a Certificate of Supply on request for projects for insurance, Fire and Building Control Authority and Client Records.



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.

For more information see www.thermoguard.co.uk "New BS EN Fire Regulations & Standards Explained".

ENVIRONMENT & USER FRIENDLY

Thermoproof Exterior Fluid is water-based and environment friendly.

QUALITY ASSURANCE

Products Manufactured under ISO 9000.

All materials and specifications are provided in accordance with the Terms and Conditions of Thermoguard
Refer to Health & Safety Data Sheets on www.thermoguard.co.uk before using these products.

THERMOGUARD

Kirkby Street, Hull, HU2 0HE.
Phone: 01142 768008
Fax: 01142 381966

Email: technical@thermoguard.co.uk

THERMOGUARD
FIRE & PROTECTIVE PAINTS
www.thermoguard.co.uk

