

# THERMOPROOF EXTERIOR

## PENETRATING FIRE PROOF FLUID FOR WOOD

### INTENDED USE

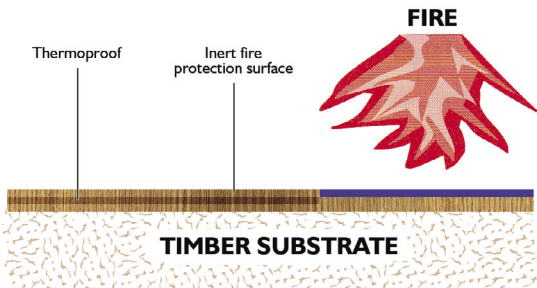
Fire protection for bare timber sleepers, fencing, cladding and decking.

### 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](mailto:technical@thermoguard.co.uk)

### APPLICATION

- Final spread rate 3.7sqm per litre typically 3 coats at 1 l/sqm 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

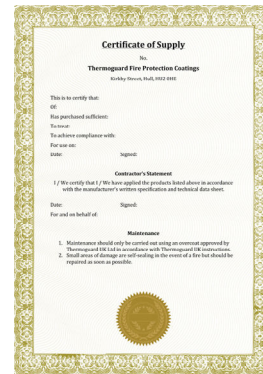
- Apply to dry wood (below 18% moisture) above 5C in dry conditions prior to painting or waterproofing. Where possible wait until the wood has thoroughly dried out before fixing.
- Allow adequate time for the wood to dry out after treatment before applying any coating.\*

### 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](http://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](http://www.thermoguard.co.uk) before using these products.

### THERMOGUARD

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**THERMOGUARD**  
FIRE & PROTECTIVE PAINTS  
[www.thermoguard.co.uk](http://www.thermoguard.co.uk)

