

# THERMOGUARD TIMBERCOAT

Class B s1 d0 + Class O FIRE PROTECTION PAINT FOR WOOD

## FIRE PROTECTION AND DECORATION OF WOOD IN BUILDINGS

Durable wear, weather and wash resistant fire protection paint for decorative interior and exterior timber surfaces.

Meets new Fire Regulations standard **BS EN Class B s1 d0 \*\*** and complies with **Class O \*\***

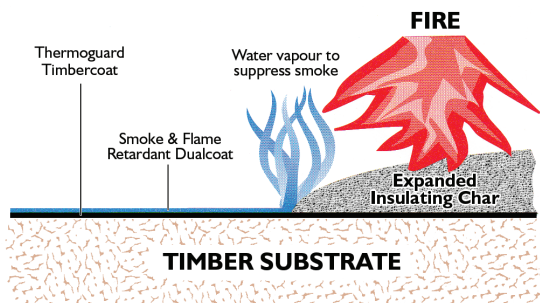
\*\* See new Fire Regulations & BS EN Tests explained on [www.thermoguard.co.uk](http://www.thermoguard.co.uk)

For **30 & 60 mins** contact Technical Dept.

## INTUMESCENT & WATER VAPOUR ACTION

When exposed to fire -

- Smoke & Flame Retardant Dualcoat releases a vapour to suppress toxic gasses & prevent flamespread.
- Thermoguard Timbercoat expands to create a barrier, insulating wood from heat and oxygen to prevent wood burning & fire penetration



## FINISH, COLOURS, SPREAD RATE, SIZES

- **Matt or Eggshell**
- **White, BS 4800, BS 381C, RAL + NCS**
- Timbercoat and Smoke & flame Retardant Dualcoat sold in 20 sq m and 80 sq m cans

## SPECIFICATION & APPLICATION

Prepare & apply according to manufacturer's instructions

- **1 coat Thermoguard Timbercoat**
- **1 coat \*\* Thermoguard Smoke & Flame Retardant Dualcoat**

\*\* Apply 2nd SFR Dualcoat for external or damp areas.

For **30 & 60 mins** contact Technical Dept.

Contractor to provide Thermoguard Fire Certificate after completion.

## UKAS FIRE TEST STANDARD

- **BS EN Class B s1 d0 \*\***
- **Class O**

For **30 or 60 mins** contact Technical Dept. 01142 768008 (2) [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)

For doors see Fire Doors Paint page on [www.thermoguard.co.uk](http://www.thermoguard.co.uk)

\*\* See section **NEW FIRE REGULATIONS & TESTS EXPLAINED**

## PROJECT FIRE CERTIFICATION

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



## PREPARATION

- Surfaces should be free of contamination, sound, clean and dry.
- Thoroughly abrade knotting, gloss, hard or smooth paints. Check adhesion of any existing coating.
- Unknown coatings or old fire coatings – contact Technical Dept 01142 768008 (2) [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)

## APPLICATION CONDITIONS

- **Apply to dry wood in dry conditions.**
- Max. timber moisture content 18%.
- Max relative humidity 70%.
- Min. temp 5°C and 2°C above dewpoint.
- Protect from rain until 1st coat SFR is dry.

## 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 levels, s3 moderate, s4 high smoke.
- Flaming Droplets or Airborne particulates – d0 is none, d1 some, d2 + d3 moderate > high levels.

For more information see [www.thermoguard.co.uk](http://www.thermoguard.co.uk) "New BS EN Fire Regulations & Standards Explained".

## DURABLE & ECO FRIENDLY

Thermoguard Timbercoat & Smoke & Flame Retardant Dualcoat are water based, user and environment friendly.

## QUALITY ASSURANCE

Both products are manufactured under ISO 9001.

Refer to **HSDS** on [www.thermoguard.co.uk](http://www.thermoguard.co.uk)

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

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

Email: [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)

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

