

THERMO GUARD

Thermoguard TIMBERCOAT CLASS 1 AND CLASS 0 INTUMESCENT PAINT FOR TIMBER

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 dO** and complies with **Class O**

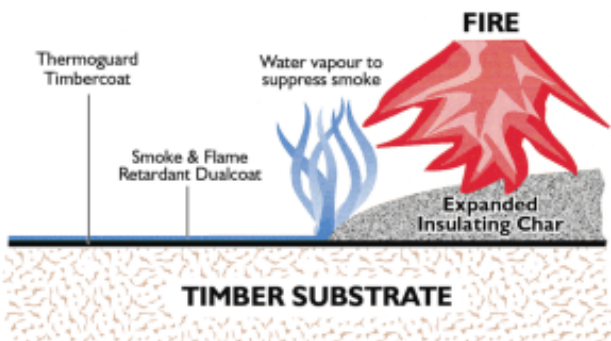
([New Fire Regulations & BS EN Tests explained.](#))

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 flame spread.
- Thermoguard Timbercoat expands to create a barrier, insulating wood from heat and oxygen to prevent wood burning & fire penetration.



[View a burn test of Timbercoat](#)
(from TV's *Megastructures*)

FINISH, COLOURS, SPREAD RATE, SIZES

Thermoguard Timbercoat is overcoated with the following decorative finishes:

Finishes: Matt or Eggshell

PROJECT FIRE CERTIFICATION

Thermoguard issue a Certificate of Supply upon request for each project 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) or 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

Colours: White, BS 4800, BS 381C, RAL + NCS

– dO is none, d1 some, d2 + d3 moderate > high levels.

[View colour charts](#) here.

Timbercoat and Smoke & Flame Retardant Dualcoat are sold in 20 sq m and 80 sq m cans.

DURABLE & ECO FRIENDLY

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

SPECIFICATION AND APPLICATION

Prepare and 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 coverage contact Technical Advice.

Contractor to provide Thermoguard Fire Certificate after completion.

QUALITY ASSURANCE

Both products are manufactured under ISO 9001. Refer to HSDS (link below).



COSHH DATASHEET
H&S INFORMATION

UKAS FIRE TEST STANDARD

**BS EN Class B s1 dO
ClassO**

For 30 or 60 mins contact Technical Department

TECHNICAL ADVICE

Technical Dept. 01142 768008 (2)
technical@thermoguard.co.uk

For upgrading doors to fire doors using intumescent paint see [Fire Doors Paint](#) notes.

Thermoguard,
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**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.**