



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

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 ****

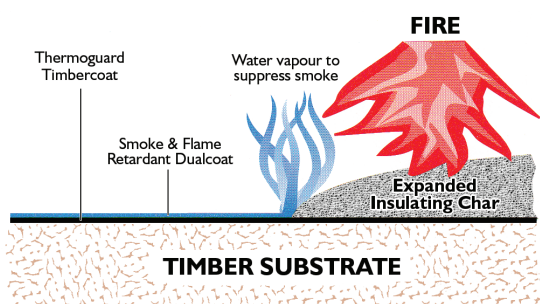
** See section **NEW FIRE REGULATIONS & TESTS EXPLAINED** on www.thermoguard.co.uk

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.

FIRE TEST STANDARD

in UKAS-accredited Fire Test laboratory

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

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

For doors see Fire Doors Paint page on 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

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 = moderate, d3 = high levels.

For more information see 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

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

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THERMOGUARD
FIRE & PROTECTIVE PAINTS
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