



# 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](http://www.newguardcoatings.com)

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

## TIMBERCOAT INTUMESCENT

- Key Benefits:** Part 1 of a system achieve 30 or 60 minute Fire Resistance for compartmentation  
Finished system forms a smooth aesthetically pleasing, durable finish resistant to repeated cleaning to internal walls and ceilings  
Achieves 30 & 60 minutes resistance to fire and EN Class B s1 d0 as part of a two product system on bare and painted timber with any number or combination of coats  
Exceptional adhesion  
Permanent protection  
Tintable to undercoat shades  
Water-based
- How it works:** In the event of a fire Timbercoat Intumescent expands, forming a heat-resistant char to insulate the surface  
Overcoated with Thermoguard Anti-Microbial SFR Smoke & Flame Retardant Dualcoat
- Pack Sizes** *5kg & 20 kg cans for 30 & 60 mins protection on wood and wood derivative boards*
- Coverage** Apply number of coats specified at the required rate do not overspread as this compromises the system and results in non-compliance and inability to certify.
- Drying Times** In normal conditions touch dry one hour  
Over paintable with Anti-Microbial SFR Dualcoat after 4 hours.
- Application** Min 8°C max 30°C.
- Conditions** Max relative Humidity 75%.  
Surface should be at least 3°C above the dew point, free from condensation
- Typical Use** First part of a system for use as an intumescent basecoat on wood panels etc.
- VOC Content** Low Voc. Limit for this product (cat A/i) is 140 g/l. This product contains just 16 g/lv
- COMPOSITION** Catalytic powder, expansion agent, char former, char hardeners & fibres Binder: Fire protection adhesive grade rapid reaction acrylic resin. Water based
- PREPARATION** All surfaces must be clean and dry. Remove all possible surface contaminates such as grease, smoke residues, silicates etc.  
Seal water-stain risks with stain blocking sealer suitable to overcoat with water-based acrylic paints

### **TIMBERCOAT INTUMESCENT**

Abrade hard or smooth surfaces with wetted 120 grit wet-or dry abrasive or dust extracting abrader. Rinse off slurry while still damp. When dry, remove any loose or suspect material back to firm edge.

Fill and repair any damage to the substrate using a good quality remedial filler

**APPLICATION** Apply basecoat as specified followed by one or two coats of Anti-Microbial SFR Dualcoat as specified

To be overcoated with Anti-Microbial Smoke & Flame Retardant

Apply at rate specified to protect surfaces & enable project certification

**BRUSH & ROLLER** Woven fabric roller sleeves and synthetic bristle brushes

**SPRAY** Pressure Pot & Gun conventional unit with small compressor: Ensure all traces of solvent flushed out Thin 5 > 10% with water to spray viscosity. Adjust fluid flow & air flow as normal for acrylic emulsion paint OR **Airless** Graco 1500, 3500 or equivalent. 3/8" line, 30 mesh filter on machine, no filter in gun. 521 or 523, broad areas 621 or 623 tip

Ensure coverage is applied as per specification

**CERTIFICATION** Once the works are complete the relevant certification can be applied for via the Thermoguard website. Please state any specification number to assist

**TEST DATA** FIRE TEST STANDARDS in UKAS and EOTA accredited Fire Test laboratory  
BS EN Class B s1 d0 Compliant for Class 0, plus full smoke protection  
For 30 or 60 mins contact Technical 01142 768008 (2) [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)

**CLEANING** Return as much unused material to its original container as possible. Wash brushes rollers and guns with clean waters immediately following use.

**HEALTH AND SAFETY** Please refer to the relevant Safety Data Sheet for full details of this product  
Apply all products in accordance with BS 6150:2019- Code of practice for painting of buildings.

Do not store this product in cold temperatures below 5°C or above 30°C.

**FURTHER SUPPORT** If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01143 768008 option 2 or email [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)