



New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

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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 SAFEWOOD SFR

ANTI-VIRUS SMOKE & FLAME RETARDANT PROTECTION PAINT



Fire protection to wood & wood-based boards to
Class 0 & BS EN Class B s1 d0

91.5% coronavirus reduction in just 2 hrs + 99.9% bacteria reduction in 24 hrs

Coronaviruses & Bacteria killed fast

after they land on walls or wood protected with Thermoguard Anti-Microbial SFR

91.5% Coronavirus reduction in 2 hours to ISO 21702:2019. Determination of Anti-Viral activity of coated surfaces against Human Coronavirus. Test 16 Dec 2020.

99.9% bacteria reduction in 24 hours to ISO 22196:2011 Determination of Anti-bacterial activity. Test 05 Feb 2021.

CORONAVIRUS, INFLUENZA & BACTERIA

Coronavirus, flu and harmful bacteria remain contagious on emulsion painted walls for weeks. Surfaces coated with Thermoguard Safewood's highly concentrated mix of safe, encapsulated nano-particle biocidal metals damage the shells of human coronaviruses and flu and the membranes of bacteria, so their death is greatly accelerated on the surface, they become vulnerable to our antibodies and their spikes ability to penetrate and act as a viral pathway into our lungs is notably reduced.

ANTI-VIRUS TEST STANDARDS

Human coronavirus

91.5% reduction of human coronaviruses in just 2 hours in approved ISO 21702 virus microbiology laboratory coated surfaces tests 16 Dec 2020.

Infectious bacteria

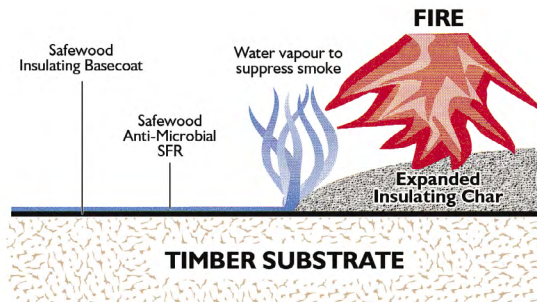
99.9% bacteria reduction in 24 hours in ISO 22196 tests for coated surfaces 5 Feb 2021.

Thermoguard Safewalls provides permanent protection to supplement rather than replaces good hygiene.



FLAMESPREAD & SMOKE

Wood and wood based boards are flammable, spread and intensify fire. In a fire Thermoguard Safewood insulating basecoat expands to create a firm fire-resistant insulation. Safewood Anti-Viral Smoke & Flame Retardant emits a non-toxic flame suppression vapour. Just one coat of each provides effective fire protection for internal wood to the approved standard for all areas including corridors, stairs entrances as well as rooms.



FIRE TEST STANDARDS

BS EN Class B s1 d0, officially compliant to old Class O, with full smoke control s1 and zero flaming droplets d0. Thermoguard Safewood system gives permanent, effective fire protection.

Fire & Anti-Microbial Certificate free, after application.



DURABILITY & MICROBIAL RESISTANCE

High concentration of pure acrylic resin hardener and smoothed with polyurethane avoid microbial safe havens created by all the cheap powders in even the most expensive very matt emulsions, making Safewood suitable for areas subject to regular cleaning regimes. Safewood's metal-based biocides do not leach out with humidity or during cleaning to provide permanent virus and bacteria protection.

APPLICATION CONDITIONS

- Min temp 5°C, Max RH 75, Min 3°C above dew point
- Do not apply if condensation or extra-fast drying possible
- Seal leaching stains & knots with acrylic compatible stain sealer

APPLICATION

- 1 coat Safewood Insulating Basecoat
- 1 coat Safewood Anti-Viral Smoke & Flame Retardant
- Brush, dense woven pile roller, spray

FINISHES, COLOURS & SIZES

- Thermoguard Select, BS4800, RAL, NCS 5,000+ colours
- Matt and Satin
- Sold in 20sqm and 80sqm cans to avoid error

Available from independent decorators paint merchants UK-wide.

Find our stockists online: <https://bit.ly/3gA6wte>

All materials and specifications are provided in accordance with the Terms and Conditions of Thermoguard UK Ltd. Refer to Health & Safety Data Sheets before using these products.

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THERMOGUARD
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