THERMOGUARD
FIRE & PROTECTIVE PAINTS
TECHNICAL DEPARTMENT
Telephone: 01142 768008 ■ Fax: 01142 381966 ■ Email: technical@thermoguard.co.uk

SAFEWALLS ANTI-VIRAL SMOKE & FLAME RETARDANT MATT & SATIN

Key Benefits: Decorative finish applied over Safewalls Insulating Basecoat
Safewalls system protects bare and painted walls from low risk Class 1 , moderate Class 2 risk to high risk Class 4 multi-layer painted walls and ceilings with any number, type or combination of types of paint to BS EN Class B s1 dO - the safest standards for toxic smoke s1 flaming droplets dO and flamespread / insulation Class A2 + B .
Compliant to old Class O These results achieved at UKAS approved Fire Test Laboratory over 10, 14 and 20 coats of paint applied over several years to demonstrate real world protection.
91.5% Coronavirus reduction in 2 hrs - Anti-Viral 1 Log compliant for coated surfaces
99.9% bacteria reduction in 24 hrs. Anti-Bacterial 1 Log Compliant coated surfaces
Colour range - NCS, RAL, BS4800, BS381 and Thermoguard Select
Can be used externally in 2 coats without the insulating basecoat for Class s1 smoke
Can be used as part of a system to achieve 30 or 60 minute Fire Resistance.
Finished system provides a decorators' acrylic-smooth aesthetically pleasing, durable microbial resistant fire protection finishes to internal walls and ceilings

How it works: Safewalls Insulating basecoat expands in a fire to create a resilient insulating barrier.

Safewalls Anti-Viral Smoke and Flame Retardant emits a safe fire damping vapour in a fire to control flame spread and suppress smoke.

Safewalls SFR's polyurethane hardened acrylic "cross-links" during the drying process to form a smoother, harder, more cleanable surface than typical wall paints and help eliminate the microscopic pockets that host bacteria which prevent effective cleaning.
A unique concentrated mix of safe, biocidal metal encapsulated nano-particles attacks viruses and bacteria that settle on surfaces, damaging their protective "envelope" to kill their live cores and disable their spikes penetration of lung's cells

Fire Test: FIRE TEST STANDARDS in UKAS and EOTA - accredited Fire Test laboratory
BS EN Class B s1 d0 (old Class 0 compliant) over 10, 14 and 20 coats of all wall paint types used on buildings since Vinyl, acrylic, oil based, anti-graffiti, with or without wallpaper and the flame retardant paint that emits toxic antimony gas.

Microbial Test: Surfaces coated with Safewood are designated Anti-Viral in just 2 hrs
91.5% "1 Log" Coronavirus reduction in 2hrs to approved test ISO 21702
99.9% "1 Log" bacteria reduction in 24hours to approved test ISO 22196
In approved UK Microbiology Laboratories.

Pack Sizes Sold in 25 sqm and 50 sqm pack sizes to aid correct application
Coverage Follow on can guide to coverage to enable project Certification.
Drying Times In normal conditions product will be touch dry in an hour and fully dry after 4 hours
Application Do not apply in temperatures under 8°C or above 30°C.
Maximum relative Humidity below 75%.
Surface should be at least 3°C above the dew point.
Typical Use This product forms part of a system for protecting wood and wood-based boards

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VOC Content Low VOC EU limit for this product (cat A/i) is 140 g/l. This product contains 16 g/lv

Composition Catalytic and safe vapour-emission compounds, nano-particle encapsulation- enhanced biocidal metals, water-based polyurethane hardened cross-linking acrylic

Preparation Safewalls Insulating Basecoat must be clean and fully hard dry. Stir well before use

Application Over Safewalls Insulating Basecoat
Apply 1 good Safewalls Anti-Viral Smoke & Flame Retardant

Brush Or Roller Use woven short pile roller sleeve or synthetic brush
Best wall paint method is to first lay paint across an area, then promptly roll vertically

Spray Pressure Pot and Gun conventional with hand-portable compressor.
Thin 5% water
OR Airless Graco 1500, 3500 or equivalent. 3/8" line, 30 mesh filter on machine, no filter in gun. 521, 523, 621 or 623 tip
Ensure coverage is applied as per can i.e., 20 sqm can covers 20 sqm.

Certificates Once the works are complete, a project and area- specific Certificate available after due diligence via www.thermoguard.co.uk stating any project specification number.

Cleaning Return as much unused material to its original container as possible. Wash brushes, rollers and guns with clean water immediately following use.

Health And Safety Please refer to the relevant Safety Data Sheet for full details of this product
Apply all products according to BS 6150:2019- Buildings Painting Code of Practice
Do not store this product in cold temperatures below 5°C or above 30°C.
Store in a dry secure place away from children or animals.
Dispose of in accordance with local authority waste disposal measures.
Do not pour into drains or watercourses. Reduce- Reuse- Recycle.

Further Support If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01142 768008 option 2 or email technical@thermoguard.co.uk