

## 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 d0 - the safest standards for toxic smoke s1 flaming droplets d0 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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<b>VOC Content</b>	Low VOC EU limit for this product (cat A/i) is 140 g/l. This product contains 16 g/lv
<b>Composition</b>	Catalytic and safe vapour-emission compounds, nano-particle encapsulation- enhanced biocidal metals, water-based polyurethane hardened cross-linking acrylic
<b>Preparation</b>	Safewalls Insulating Basecoat must be clean and fully hard dry. Stir well before use
<b>Application</b>	Over Safewalls Insulating Basecoat Apply 1 good Safewalls Anti-Viral Smoke & Flame Retardant
<b>Brush</b>	Use woven short pile roller sleeve or synthetic brush
<b>Or Roller</b>	Best wall paint method is to first lay paint across an area, then promptly roll vertically
<b>Spray</b>	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.
<b>Certificates</b>	Once the works are complete, a project and area- specific Certificate available after due diligence via <a href="http://www.thermoguard.co.uk">www.thermoguard.co.uk</a> stating any project specification number.
<b>Cleaning</b>	Return as much unused material to its original container as possible. Wash brushes, rollers and guns with clean water immediately following use.
<b>Health And Safety</b>	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.
<b>Further Support</b>	If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01142 768008 option 2 or email <a href="mailto:technical@thermoguard.co.uk">technical@thermoguard.co.uk</a>