

WALLCOAT SMOKE & FLAME RETARDANT MATT & EGGSHELL

Key Benefits: Decorative finish applied over Wallcoat Insulating Basecoat or 30/60 Basecoat. 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
Colour range - NCS, RAL, BS4800, BS381 and Thermoguard Select
Can be used externally with or without insulating basecoat subject to specification to achieve Class B s1 d0.
Achieves 30 or 60 minute Fire Resistance on suitable surfaces when applied over over intumescent 30/60 Basecoat
Finished system provides a smooth aesthetically pleasing durable finish proven to resist scuffing in high traffic commercial and residential settings when tested to ISO:11998:2006 making it ideal for walls in corridors, stairwells and lift lobbies
Note: for the highest resistance to stains and scuffing always use Eggshell.

How it works:

Wallcoat Insulating basecoat expands in a fire to create a resilient insulating barrier.

Wallcoat Smoke and Flame Retardant emits a safe fire damping vapour in a fire to control flame spread and suppress smoke.

Wallcoat SFR's polyurethane hardened acrylic "cross-links" during the drying process to form a smooth, hard, weather resistant and more cleanable surface than typical wall paints and help eliminate the microscopic pockets which prevent effective cleaning.

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 WWII – vinyl, acrylic, oil based and anti-graffiti, with & without wallpaper and the flame retardant paint that emits toxic antimony gas

Finishes Available in Matt and Eggshell

Pack Sizes Sold in 25sqm, 50sqm and 1000 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

WALLCOAT SMOKE & FLAME RETARDANT MATT & EGGSHELL

- 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 walls and ceilings.
- 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 and 30/60 Basecoat must be clean and fully hard dry.
- APPLICATION** Stir well before use
Over Wallcoat Insulating Basecoat and Wallcoat 30/60 Basecoat
Apply 1 coat of Wallcoat Smoke & Flame Retardant internally and 2 coats externally and for deep and vibrant colours.
- 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 & 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