THERMOGUARD WALLCOAT SFR

'Smoke and Flame Retardant' Fire Protection Paint Upgrade System ACHIEVES EU AND NEW BRITISH SAFETY STANDARDS ON WALLS & CEILINGS

UK FIRE SAFETY ORDER 2005, FLAMESPREAD & SMOKE

The Fire Safety Order 2005 requires property managers to comply with current fire standards for corridors, stairways, entrance lobbies etc.

Even on non-combustible walls & ceilings, multiple layers of incompatible paints "Multi-Layer" often create the worst Class 4 - EN Class E - Surface Spread of Flame risk.

While the British Class 0 is still accepted, it will soon become defunct, as it has been superseded by the safer standard BS EN Class B s1 d0, with its more rigorous flame-spread protection and control of dangerous smoke and burnt particulates.

INTENDED USE – PROTECTION AND DECORATION OF BUILDINGS

Intumescent paint with Smoke and Flame Retardant properties for upgrading potentially dangerous 'multi-layer' previously painted walls & ceilings. Controls surface spread of flame and fire propagation to Class 0 & EN Class B. Total smoke control, flaming droplets and particulates to EN Class B s1 d0 (see EU/BS EN Explained). Compatible water-borne specialist finishes allow owners and operators of buildings to fulfil their Duty of Care for Fire Safety.

NEW EU/BS EN FIRE STANDARD EXPLAINED

- EU fire standard BS EN Class B replaces BS476 Class 0
- In 2012 both BS476 and BS EN comply, but BS 476 is rapidly being replaced by the more severe and realistic EN test including air flow.
- BS EN also monitors dangerous smoke. The safest class is s1
- BS EN also measures flaming droplets & burnt particulates. The safest class is d0
- The new safest standard for corridors, stairs etc is BS EN Class B s1 d0.

FINISH, COLOURS & AVAILABILITY

Thermoguard Wallcoat SFR available in

- durable Matt or acrylic Eggshell
- BS4800, BS381C & RAL colours
- Wallcoat & Wallcoat SFR sold in 25 + 100 sq m cans

PREPARATION & APPLICATION

Surfaces should be sound and firmly adhering, clean, dry and free of surface contamination. Remove loose, flaking or suspect paint film and adequately abrade existing smooth or hard coatings – abrasion not needed on Vinyl Matt. Apply by brush or roller, thinning to a maximum 5% with water, provided specified spread rate is achieved.

Maintain wet edge during application.

During application and drying, ensure a minimum temperature of 5°C, maximum relative humidity 75% and surface temperature at least 3°C above dew point. Avoid condensation.

TO SPECIFY, SIMPLY STATE

To achieve BS EN Class B sl, d0, inspect and prepare in accordance with manufacturer's instructions and apply -

- 1 coat Thermoguard Wallcoat
- 1 coat Thermoguard Wallcoat Smoke & Flame Retardant matt or eggshell

FIRE TESTING & CERTIFICATION
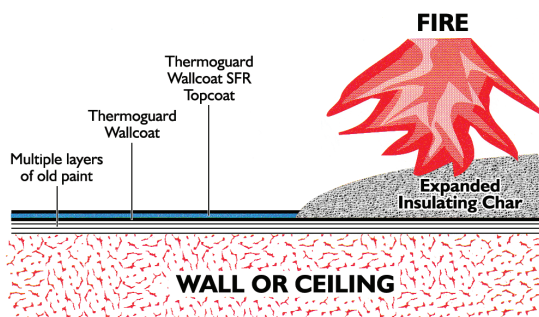
Tested at UKAS Fire Test Laboratory -

- **Achieved BS EN Class B s1 d0** - Highest standard

THERMOGUARD ISSUE A FIRE CERTIFICATE UPON REQUEST FOR EACH CORRECTLY SPECIFIED PROJECT FOR INSURANCE, FIRE AND BUILDING AUTHORITY AND CLIENT RECORDS AGAINST PROOF OF PURCHASE.

Certified Fire protection is guaranteed if all instructions are followed on suitable surfaces.

FLAMESPREAD & SMOKE PROTECTION

When exposed to fire, Thermoguard Wallcoat expands to create a fire protective barrier, insulating surfaces from heat and oxygen and preventing combustion. SFR Topcoats (Hard Matt & Acrylic Eggshell) actively suppress smoke, particles and flaming droplets.

FIRE

Thermoguard Wallcoat SFR Topcoat

Thermoguard Wallcoat

Multiple layers of old paint

Expanded Insulating Char

WALL OR CEILING

QUALITY ASSURANCE

Products manufactured under ISO 9000.

ENVIRONMENTAL, HEALTH & SAFETY

Thermoguard Wallcoat SFR system is low odour, low VOC and water based, thus user and environmentally friendly.

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THERMOGUARD
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User & Environment Friendly

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