THERMOGUARD WALLCOAT

SMOKE AND FLAME RETARDANT FIRE PROTECTION PAINT SYSTEM - UPGRADES MULTI-LAYER PAINTED WALLS & CEILINGS TO CLASS B S1 DO AND CLASS O

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.

Multiple layers of incompatible paints "Multi-Layer" can create dangerous **Class 4** or EN Class D + E Surface Spread of Flame risk.

British **Class O** is superseded by BS EN **Class B s1 dO**, protecting from toxic smoke.

Flame Retardant Paints before 2010 contained the heavy metal Antimony, creating poisonous antimony-based gasses, adding another risk to protect against.

FINISH, COLOURS & SIZES

- BS4800 and RAL colours Matt or Eggshell
- Wallcoat & Wallcoat SFR sold in 25 & 100 sq m cans
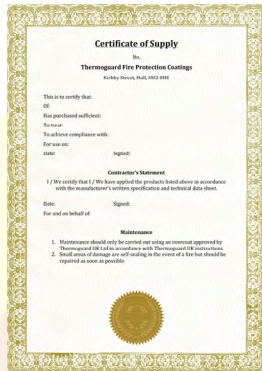
FIRE TEST STANDARDS

Tested at UKAS-accredited Fire Test Laboratory
- Achieved BS EN Class B s1 d0. Certified to EN 13501 on Multilayer painted, high-risk Class 4 surfaces.

NEW EU/ BS EN FIRE STANDARD EXPLAINED

- BS EN **Class B** replaces **Class O**
- Today both **Class O** and **Class B** comply for escape routes, but **Class O** is being phased out
- New BS EN also protects from toxic smoke – safe ones are **s1** and **s2**.
- New BS EN also protects from flaming droplets – safe one is **dO**
- New compliant standards for corridors, stairs, lobbies are BS EN **Class B s1 dO** and **Class B s2 dO**

FIRE CERTIFICATE

Thermoguard issue a fire certificate upon request for correctly specified projects for client records, insurance, fire and building authority.
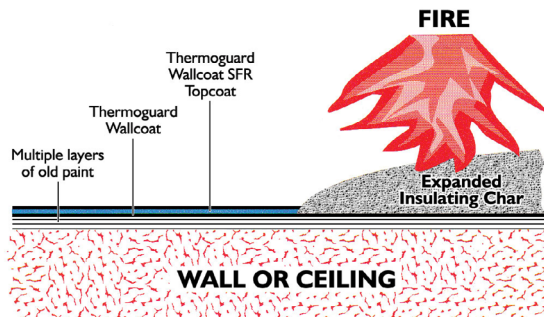

PREPARATION & APPLICATION

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. Apply by brush, dense short-pile roller or spray. Maintain wet edge during application.

APPLICATION CONDITIONS

- Min. 5°C
- Max RH 75%
- Surface 3+°C above dew point
- Avoid condensation

QUALITY ASSURANCE

Thermoguard products are manufactured under ISO 9000.

ENVIRONMENTAL, HEALTH & SAFETY

Thermoguard **Wallcoat** and **Wallcoat SFR** are low odour, low VOC and water based.

DURABLE FLAMESPEAD & SMOKE PROTECTION

- **Wallcoat** expands to create an insulating barrier.
- Smoke and Flame Retardant **Wallcoat SFR** emits a safe fire-damping vapour to control flamespread and suppress smoke

Together they upgrade potentially dangerous 'multi-layer' previously painted walls & ceilings.

High quality, durable wear, wash and moderate-scrub resistant decorative finish.

TO SPECIFY, SIMPLY STATE

Apply:

- 1 coat Thermoguard **Wallcoat** at 10 sq m per litre + 1 coat Thermoguard **Wallcoat SFR**

Contractor to provide Thermoguard Fire Certificate confirming Class B s1 dO system applied to surface area in sq m on the named building upon completion.

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.