



Intumescent Paints for Walls and Ceilings

IWC intumescent paint

IWC intumescent paint is an intumescent coating for walls and ceilings. Inherently non-combustible surfaces such as plasterboard and brick can become a potential fire hazard due to repeated redecoration with conventional paints.

Different paint types from a variety of manufacturers have generally been used over many years with less than thorough preparation. In a fire thick layers of old paint tend to de-laminate rapidly catching and spreading fire around a building. In extreme cases a lethal "flash-over" fireball effect is created.

The resultant risk to life and property can be greatly reduced at minimum cost using a combination of **IWC intumescent paint**, an insulating "intumescent" barrier coating and **SFR wallcoat**.

The **IWC intumescent paint** system can help landlords comply with the Fire Safety Order 2005. Ask us for details.

- 1 coat **IWC intumescent paint** for walls and ceilings
- Use with **SFR wallcoat**
- For wallpaper & multi-layer painted surfaces
- Matt and eggshell
- Class 0 + Bs1 d0 with 1 coat of **SFR wallcoat** (smoke & flame retardant)
- White + BS & RAL colours
- Intumescent basecoat for 30/60/90/120 minutes protection on plasterboard, cementitious board and concrete
- Undercoat shades
- Use with 1 coat of **SFR wallcoat** to seal

Available in

25 and 100 square metre for Class O and B s1 d0 for walls and ceilings

25 and 80 square metre for Class O and B s1 d0 for wallpaper
5 kg for 30 + 60 mins

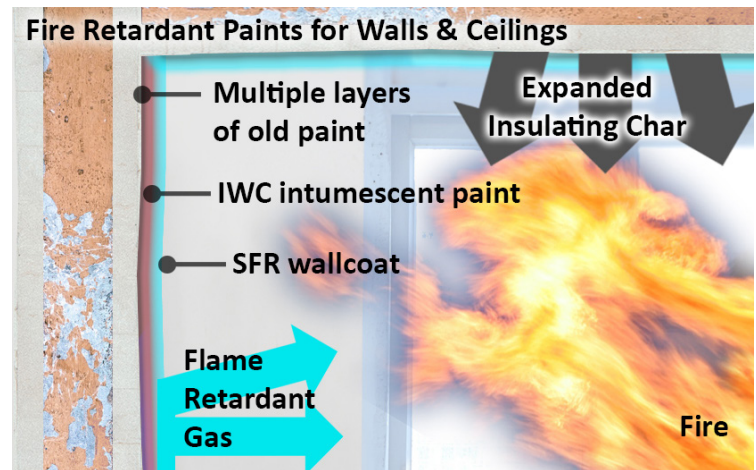
Durable flamespread and smoke protection

Wallcoat expands to create an insulating barrier. **SFR wallcoat** emits a safe firedamping vapour to control flamespread. Together they upgrade potentially dangerous 'multi-layer' previously painted walls & ceilings. High quality, wear, wash moderate-scrub resistant decorative finish.

Intumescent and flame retardant fire protection

When exposed to a fire **IWC intumescent paint** releases a flame extinguishing gas which instantly protects the surface.

Simultaneously heat activates **IWC intumescent paint** underneath causing it to expand and create a fire protective barrier, insulating old paint films from heat and oxygen.



Finish and colour range

IWC intumescent paint is overcoated with the following decorative finishes:

- Finish with **SFR wallcoat**
- BS4800 and RAL colours
- Matt or Eggshell
- To view the colour chart go to <http://intumescent-paints.co.uk/paint-colour-charts.html>

Preparation

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.

Specification

Achieve BS EN Class B s1 d0 with

- 1 coat **IWC intumescent paint**
- 1 coat **SFR wallcoat**

Application conditions

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



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Fire testing

Tested at UKAS 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
- Safe, compliant BS EN standards for smoke & toxic gasses are s1 & s2
- Safe, compliant BS EN standard for flaming droplets is d0
- New compliant standards for escape routes, corridors, stairs, lobbies etc are BS EN Class B s1 d0 and Class B s2 d0

Quality assurance

Both products are manufactured under ISO 9001.

Technical advice

T: [01329 841 416](tel:01329841416) or E: sales@stormflame.com

Disclaimer

All materials and specifications are provided in accordance with the terms and conditions go to www.stormflame.co.uk/terms.html

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.