

Product Data Sheet

Astro IWC Paint
Astro SFR Wallcoat

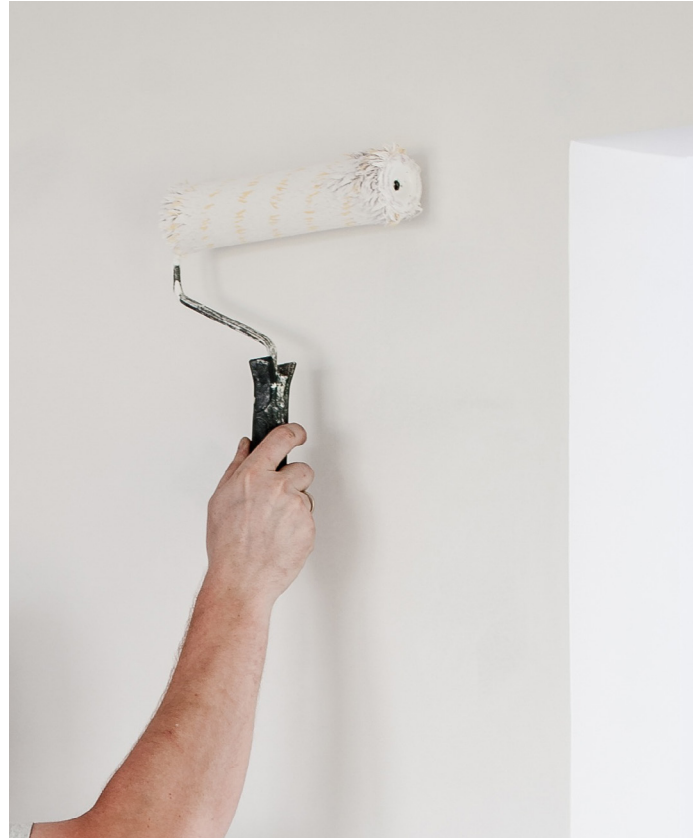
Revision 3 - January 2019



Astroflame IWC Intumescent Paint and SFR Wallcoat

Astroflame IWC intumescent paint and SFR Wallcoat.

- BS476 Part 7: Class 1 surface spread of flame.
- BS476 Part 6: Fire propagation.
- Designated Class 0 in accordance with U.K.
- 1 coat Astroflame IWC intumescent paint for walls and ceilings.
- Use with Astroflame 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 minutes protection on plasterboard, cementitious board and concrete.
- Undercoat shades.
- Use with 1 coat of SFR wallcoat to seal.



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

Product Description

Astroflame 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 Astroflame IWC intumescent paint, an insulating “intumescent” barrier coating and SFR wallcoat.

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

Available in

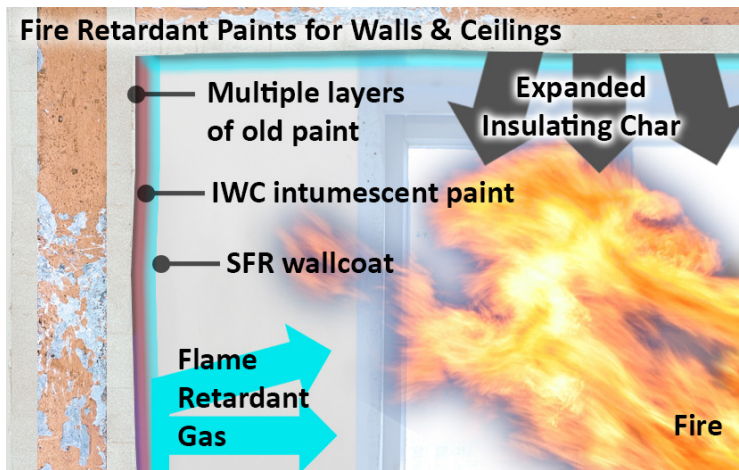
25 and 100 square metre for Class O and B s1 d0 for walls and ceilings
25 and 80 square metre for Class O and B s1 d0 for wallpaper
5 kg for 30 + 60 mins

Durable flamespread and smoke protection

Astroflame IWC intumescent paint expands to create an insulating barrier. Astroflame 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 Astroflame IWC intumescent paint releases a flame extinguishing gas which instantly protects the surface. Simultaneously heat activates Astroflame 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

Astroflame 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://www.astroflame.com/intumescent-paint/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.

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

All products are manufactured under ISO 9001.

How to Order

Please fill in the online Walls and Ceilings Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

Click here for the Walls and Ceilings Enquiry Form >> [Walls and Ceilings Enquiry Form](#)

Technical Advisory

Estimating, Specification & application advice from Technical Dept T: [01329 844 500](tel:01329844500) or E: sales@astroflame.com

Disclaimer

All materials and specifications are provided in accordance with the terms and conditions go to www.astroflame.com/terms.html

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